



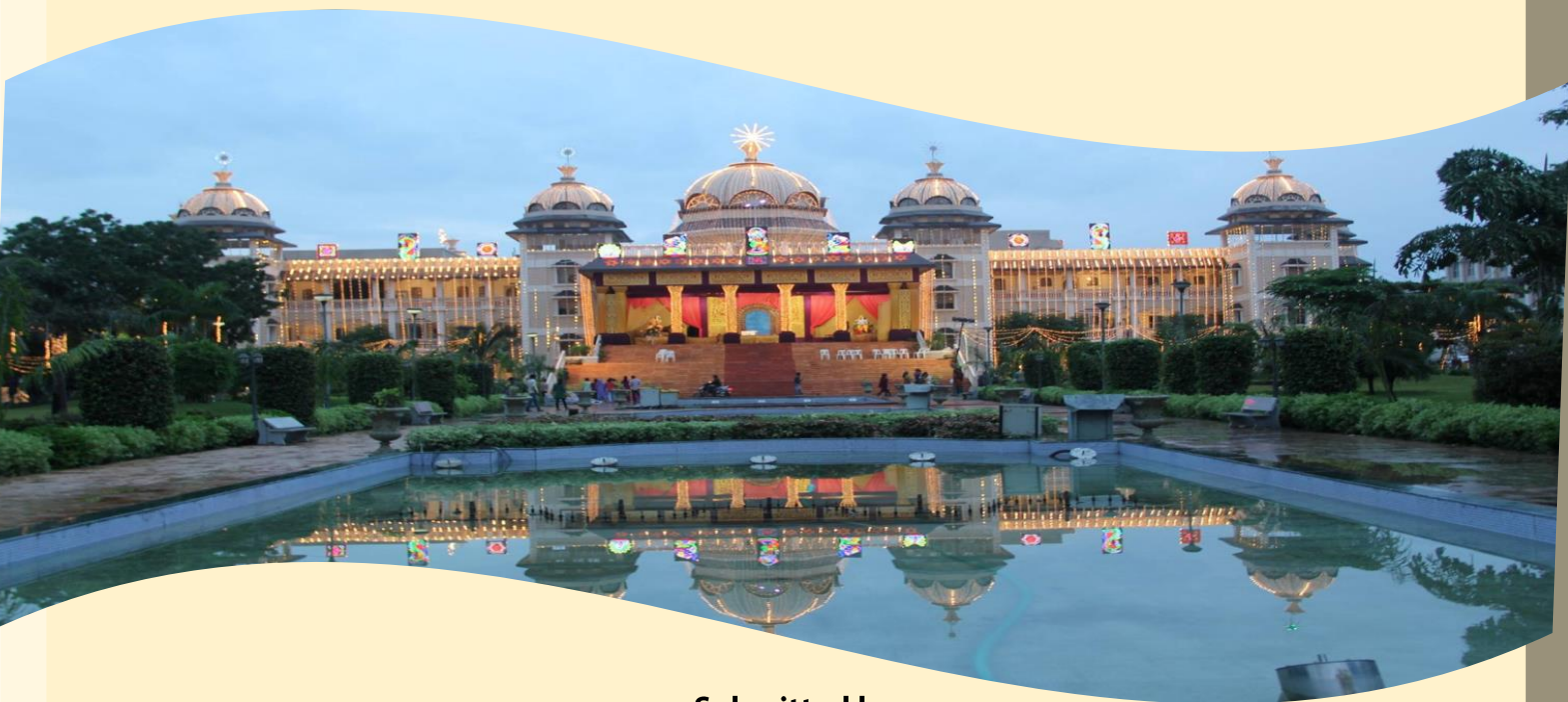
**DATTA MEGHE  
INSTITUTE OF MEDICAL SCIENCES  
(Deemed University)**

**Self-Study Report 2017**

**Vol.-II**

Submitted to

**National Assessment and Accreditation Council (NAAC)  
For Re-accreditation**



Submitted by

**Datta Meghe Institute of Medical Sciences (Deemed University),  
Sawangi (Meghe), Wardha-442 004, Maharashtra State, India**

---

---

## **CONTENTS**

---

---

**VOLUME**

**II**

**INSTITUTIONAL PROFILE & DEPARTMENTAL EVALUATION REPORTS      1 TO 710**

## Section B : PREPARATION OF SELF-STUDY REPORT

### 1. Profile of the Health Science Institutions

(To provide information whichever is relevant to the HSI)

#### 1. Name and Address of the Institution:

Name :	DattaMegheInstituteof Medical Sciences (Deemed University)		
Address:	Sawangi (Meghe), Wardha		
City:	Wardha Pin : 442 004	State : Maharashtra	
Website:	<a href="http://www.dmimsu.edu.in">http://www.dmimsu.edu.in</a>		

#### 2. For communication:

Designation	Name	Telephone with	Mobile	Fax	Email
Vice Chancellor	Dr.Dilip Gode	O:07152-287701 R:	91- 9822737919	07152- 287714	dilipgode@gmail.com
Pro Vice Chancellor (s)	Dr.V.K. Deshpande	O:07152-287701 R:	91- 7709695067	07152- 287714	vijaykumarndeshpanded4@gmail.com
Registrar	Dr.A.J. Anjankar	O:07152-287701 R:	91- 9765404004	07152- 287714	registrar.dmimsdu@gmail.com
Principal / Dean / Director	Dr.Abhay Mudey	O:07152-287701 R:	91- 9822367963	07152- 287714	deanjnmc@yahoo.com
	Dr.A.J. Pakhan	O:07152-287701 R:	91- 9765404003	07152- 287714	deanspdc@mail.com
	Dr.S. Bhutada	O:07152-287701 R:	91- 9765404009	07152- 287714	drshyambhutada@gmail.com
	Dr.B. Kulkarni	O:07152-287701 R:	91- 9765404011	07152- 287714	kbhalchandra1960@gmail.com
	Dr. RajkumarJ ayaraman	O:07152-287701 R:		07152- 287714	principalrnp@gmail.com
Vice Principal	-	-	-	-	-
Steering Committee /	Dr.LalitWaghmare	O:07152-287701 R:	91- 9765404007	07152- 304114	dralalitwaghmare@gmail.com
IQAC Co-ordinator	Dr.LalitWaghmare	O:07152-287701 R:	91- 9765404007	07152- 304114	dralalitwaghmare@gmail.com

3. Status of the Institution:

Autonomous College

Constituent College

Affiliated College

State University

State Private University

Central University

University under Section 3 of UGC (A Deemed to be University) ✓

Institution of National Importance

Any other (specify)

4. Type of University:

Unitary

Affiliating

5. Type of College:

Ayurveda

Dentistry

Homoeopathy Medicine Nursing

Pharmacy Physiotherapy

Siddha

Unani

Yoga and Naturopathy

Others (specify and provide details)

6. Source of funding: Central

Government State

Government Grant-  
in-aid

Self-financing

Trust

Corporate

Any other (specify)

7. a. Date of establishment of the institution : 24/05/2005 (dd/mm/yyyy)

b. In the case of university, prior to the establishment of the university, was it a/an

i. Autonomous College      Yes       No

ii. Constituent College      Yes       No

iii. Affiliated College      Yes       No

iv. PG Centre      Yes       No

v. Denovo institution      Yes       No

vi. Any other (specify) \_\_\_\_\_

c. In the case of college, university to which it is affiliated

8. State the vision and the mission of the institution.

Vision:

To emerge as the Global center of excellence in the best evidence based higher education encompassing a quality centric, innovative and interdisciplinary approach, generating refutitive research and offering effective and affordable health care forth benefit of the mankind”

Mission:

DMIMS shall develop competent, confident, concerned, compassionate and globally relevant professionals by quality, learner, community and evidence centric ‘competency based model’ of higher education with value orientation, through all its constituent units. It shall foster a conducive milieu for interdisciplinary research practices generating consequential and meaningful outcomes for the nation in general and the region in particular. It shall deliver comprehensive quality health care services to the rural, needy, marginalized and underprivileged populace. This shall be achieved through appropriate collaborative linkages and a proactive, transparent and accountable decentralized governance system.

9. a. Details of UGC recognition / subsequent recognition (if applicable):

Under Section	Date, Month and Year (dd/mm/yyyy)	Remarks (If any)
2(f)*	NA	Application Pending at UGC
12B*	NA	
3*	24/05/2005 23/07/2009	For Medical & Dental Faculty For Nursing, Ayurved & Physiotherapy

\*Enclose the certificate of recognition, if applicable

b. Details of recognition/approval by statutory/regulatory bodies other than UGC (MCI, DCI, PCI, INC, RCI, AYUSH, AICTE, etc.)

Under Section / Clause	Date, Month and Year	Validity	Program/ Institution	Remarks
i.10A of the IMC Act, 1956	29/06/2011	1 year (subject to renewal on annual basis)	MBBS	By MCI
	09/05/2016	5 years	MBBS	By GOI

Under Section/Clause	Date, Month and Year (dd/mm/yyyy)	Validity	Program/ institution	Remarks
10(A) of IMC Act, 1956	30.12.2003	3 Years	MD - Anatomy	02 seats
10(A) of IMC Act, 1956	03.03.2009	3 Years		02-04 seats
10(A) of IMC Act, 1956	30.04.2010	3 Years		04-06 seats
11(2) of IMC Act 1956	21.01.2008	3 Years		02 seats
11(2) of IMC Act 1956	12.11.2012	3 Years		02-04 seats
11(2) of IMC Act 1956	03.08.2013	3 Years		04-06 seats
10(A) of IMC Act, 1956	23.03.2007	3 Years		MD - Bio-Chemistry
10(A) of IMC Act, 1956	30.04.2010	3 Years	01-02 seats	

11(2) of IMC Act 1956	04.08.2010	3 Years		01 seat	
11(2) of IMC Act 1956	17.08.2013	3 Years		01-02 seats	
10(A) of IMC Act, 1956	16.02.2004	3 Years	MD - Physiology	2 seats	
10(A) of IMC Act, 1956	23.03.2007	3 Years		2-4 seats	
11(2) of IMC Act 1956	17.05.2008	3 Years		2 seats	
11(2) of IMC Act 1956	03.08.2010	3 Years		2-4 seats	
10(A) of IMC Act, 1956	01.07.2003	3 Years		MD - Pathology	03 Seats
10(A) of IMC Act, 1956	30.03.2009	3 Years	03-06 seats		
10(A) of IMC Act, 1956	19.02.2016	3 Years	06-09 seats		
11(2) of IMC Act 1956	25.05.2007	3 Years	03 Seats		
11(2) of IMC Act 1956	18.09.2012	3 Years	03-06 seats		
10(A) of IMC Act, 1956	17.03.2003	3 Years	MD - Pharmacology		02 seats
10(A) of IMC Act, 1956	23.03.2007	3 Years		02-04 seats	
10(A) of IMC Act, 1956	12.02.2011	3 Years		04-06 seats	
11(2) of IMC Act 1956	25.05.2007	3 Years		02 seats	
11(2) of IMC Act 1956	04.08.2010	3 Years		02-04 seats	
11(2) of IMC Act 1956	02.06.2015	3 Years		04-06 seats	
10(A) of IMC Act, 1956	27.04.2007	3 Years		MD - Microbiology	02 seats
11(2) of IMC Act 1956	03.08.2010	3 Years			02 seats
10(A) of IMC Act, 1956	23.03.2007	3 Years	MD - Community Medicine	02 seats	
10(A) of IMC Act, 1956	30.03.2010	3 Years		2-3 seats	

10(A) of IMC Act, 1956	16.04.2012	3 Years		3-5 seats	
11(2) of IMC Act 1956	03.08.2010	3 Years		02 seats	
11(2) of IMC Act 1956	17.08.2013	3 Years		2-3 seats	
11(2) of IMC Act 1956	03.03.2016	3 Years		3-5 seats	
10(A) of IMC Act, 1956	13.10.2000	3 Years	MD - General Medicine	03 Seats	
10(A) of IMC Act, 1956	16.04.2007	3 Years		03-06 seats	
10(A) of IMC Act, 1956	16.03.2011	3 Years		06-09 seats	
10(A) of IMC Act, 1956	20.04.2012	3 Years		09-11 seats	
10(A) of IMC Act, 1956	22.01.2016	3 Years		11-14 seats	
11(2) of IMC Act 1956	04.01.2007	3 Years		03 Seats	
11(2) of IMC Act 1956	04.08.2010	3 Years		03-06 seats	
11(2) of IMC Act 1956	30.05.2015	3 Years		06-09 seats	
11(2) of IMC Act 1956	03.03.2016	3 Years		09-11 seats	
10(A) of IMC Act, 1956	23.03.2007	3 Years		MD - Psychiatry	01 seat
10(A) of IMC Act, 1956	31.03.2011	3 Years			01-02 seats
11(2) of IMC Act 1956	04.08.2010	3 Years			01 seat
11(2) of IMC Act 1956	30.05.2015	3 Years			01-02 seats
10(A) of IMC Act, 1956	18.01.2005	3 Years	MD - Dermatology , Venereology & Leprosy	01 seat	
10(A) of IMC Act, 1956	31.03.2009	3 Years		01-02 seats	
11(2) of IMC Act 1956	14.01.2009	3 Years		01 seat	
11(2) of IMC Act 1956	18.09.2012	3 Years		01-02 seats	



10(A) of IMC Act, 1956	31.03.2011	3 Years	MD - Respiratory Medicine	02 seats	
10(A) of IMC Act, 1956	25.01.2016	3 Years		02-03 seat	
11(2) of IMC Act 1956	31.05.2015	3 Years		02 seats	
10(A) of IMC Act, 1956	13.10.2000	3 Years	MS - General Surgery	03 Seats	
10(A) of IMC Act, 1956	30.03.2006	3 Years		03-06 seats	
10(A) of IMC Act, 1956	22.02.2011	3 Years		06-10 seats	
10(A) of IMC Act, 1956	29.03.2013	3 Years		10-12 seats	
11(2) of IMC Act 1956	06.01.2005	3 Years		03 Seats	
11(2) of IMC Act 1956	21.01.2010	3 Years		03-06 seats	
11(2) of IMC Act 1956	02.06.2015	3 Years		06-10 seats	
11(2) of IMC Act 1956	07.01.2017	3 Years		10-12 seats	
10(A) of IMC Act, 1956	27.03.2006	3 Years		MS - Orthopaedics	01 seat
10(A) of IMC Act, 1956	23.03.2007	3 Years			01-03 seats
10(A) of IMC Act, 1956	22.02.2011	3 Years			03-06 seats
10(A) of IMC Act, 1956	22.01.2016	3 Years	06-07 seats		
11(2) of IMC Act 1956	20.01.2010	3 Years	01 seat		
11(2) of IMC Act 1956	03.08.2010	3 Years	01-03 seats		
11(2) of IMC Act 1956	31.05.2015	3 Years	03-06 seats		
10(A) of IMC Act, 1956	19.01.2004	3 Years	MS - ENT		01 seat
10(A) of IMC Act, 1956	11.04.2008	3 Years		01-02 seats	
11(2) of IMC Act 1956	21.01.2008	3 Years		01 seat	

11(2) of IMC Act 1956	10.06.2011	3 Years		01-02 seats
10(A) of IMC Act, 1956	12.09.2003	3 Years	MS - Ophthalmology	01 seat
10(A) of IMC Act, 1956	03.04.2008	3 Years		01-02 seats
10(A) of IMC Act, 1956	31.03.2011	3 Years		02-03 seats
10(A) of IMC Act, 1956	29.03.2013	3 Years		03-04 seats
11(2) of IMC Act 1956	03.08.2010	3 Years		01 seat
11(2) of IMC Act 1956	13.06.2011	3 Years		01-02 seats
11(2) of IMC Act 1956	30.05.2015	3 Years		02-03 seats
11(2) of IMC Act 1956	04.01.2017	3 Years		03-04 seats
10(A) of IMC Act, 1956	28.03.2006	3 Years		MD - Radio Diagnosis
10(A) of IMC Act, 1956	27.02.2011	3 Years	02-05 seats	
11(2) of IMC Act 1956	21.01.2010	3 Years	02 seats	
11(2) of IMC Act 1956	04.06.2015	3 Years	02-05 seats	
10(A) of IMC Act, 1956	19.01.2004	3 Years	MD – Anaesthesiology	2 seats
10(A) of IMC Act, 1956	23.03.2007	3 Years		02-04 seats
10(A) of IMC Act, 1956	26.02.2011	3 Years		04-06 seats
10(A) of IMC Act, 1956	29.03.2013	3 Years		06-08 seats
11(2) of IMC Act 1956	21.01.2008	3 Years		2 seats
11(2) of IMC Act 1956	03.08.2010	3 Years		02-04 seats
11(2) of IMC Act 1956	31.05.2015	3 Years		04-06 seats
11(2) of IMC Act 1956	31.01.2017	3 Years		06-08 seats

10(A) of IMC Act, 1956	17.03.2003	3 Years	MD - Obstetrics & Gynaecology	03 Seats
10(A) of IMC Act, 1956	03.04.2008	3 Years		03-05 seats
10(A) of IMC Act, 1956	30.03.2009	3 Years		05-06 seats
10(A) of IMC Act, 1956	01.05.2012	3 Years		06-09 seats
11(2) of IMC Act 1956	25.05.2007	3 Years		03 Seats
11(2) of IMC Act 1956	15.06.2011	3 Years		03-05 seats
11(2) of IMC Act 1956	20.10.2012	3 Years		05-06 seats
10(A) of IMC Act, 1956	20.03.2006	3 Years	MD - Paediatrics	02 seats
10(A) of IMC Act, 1956	23.03.2007	3 Years		02-03 seats
10(A) of IMC Act, 1956	31.03.2011	3 Years		03-04 seats
10(A) of IMC Act, 1956	15.05.2014	3 Years		04 to 07 seats
11(2) of IMC Act 1956	11.05.2010	3 Years		02 seats
11(2) of IMC Act 1956	03.08.2010	3 Years		02-03 seats
11(2) of IMC Act 1956	03.06.2015	3 Years		03-04 seats
10(A) of IMC Act, 1956	23.07.2012	3 Years	M.Ch - Cardio Thoracic and Vascular Surgery	01 seat
11(2) of IMC Act 1956	07.04.2016	3 Years		01 seat
10(A) of IMC Act, 1956	02.09.2013	3 Years	DM - Cardiac-Anaesthesia	01 seat
10(A) of IMC Act, 1956	19.01.2004	2 Years	Diploma in Anaesthesia	01 seat
11(2) of IMC Act 1956	25.05.2007	2 Years		01 seat
10(A) of IMC Act, 1956	20.03.2006	2 Years	Diploma in Child Health	01 seat
11(2) of IMC Act 1956	14.01.2009	2 Years		01 seat

10(A) of IMC Act, 1956	17.03.2003	2 Years	Diploma in Obstetrics & Gynaecology	03 seats
11(2) of IMC Act 1956	04.01.2007	2 Years		03 seats
10(A) of IMC Act, 1956	28.03.2006	2 Years	Diploma in Radio-Diagnosis	02 seats
11(2) of IMC Act 1956	14.01.2009	2 Years		02 seats
10(A) of IMC Act, 1956	12.09.2003	2 Years	Diploma in Ophthalmology	01 seat
11(2) of IMC Act 1956	25.05.2007	2 Years		01 seat
10(A) of IMC Act, 1956	27.03.2006	2 Years	Diploma in Orthopaedics	01 seat
11(2) of IMC Act 1956	14.01.2009	2 Years		01 seat
10(A) of IMC Act, 1956	23.03.2007	2 Years	Diploma in Psychological Medicine	01 seat
11(2) of IMC Act 1956	21.01.2010	2 Years		01 seat
10(A) of IMC Act, 1956	18.01.2005	2 Years	Diploma in Dermatology, Venereology and Leprosy	01 seat
11(2) of IMC Act 1956	21.01.2008	2 Years		01 seat

ii. sub section (2) of section 10 of the Dentists Acts, 1948( 16 of 1948) in part- I of the act after serial no. 79	21st August 2009	Till future order	BDS No.V.12017/39/2009-DE dtd.21.9.2009 MDS :- 1. Dental Surgery Oral Pathology (if granted on or aft 28.04.2009) 2. Prosthodontics ( if granted on or aft 28.04.2009) 3. Oral surgery (if granted on or aft 28.04.2009) 4. conservative Dentistry ( if granted on or aft 05.05.2009)	
---	------------------	-------------------	---	--

			& No.V.12017/02/2016- DE dtd.17.02.2016 5. Oral Medicine ( if granted on or aft 05.05.2009) 6. Periodontics ( if granted on or aft 05.05.2009) 7. Orthodontics ( on or aft 05.05.2009) 8. Pedodontics- No.V.12017/47/2006- DE dtd.6.7.2012	
i. IMCC Act 1970 13 A	25/05/2007	Running batch	BAMS	i. IMCC Act 1970 13 A
ii. IMCC Act 1970 13 A	14/09/2009	Running batch	BAMS	ii. IMCC Act 1970 13 A
iii. IMCC Act 1970 13 A	05/08/2010	Running batch	BAMS	iii. IMCC Act 1970 13 A
iv. IMCC Act 1970 13 A	28/07/2011	Running batch	BAMS	iv. IMCC Act 1970 13 A
V. IMCC Act 1970 13 C	20/07/2012	Running batch	BAMS	V. IMCC Act 1970 13 C
vi. IMCC Act 1970 13 C	13/09/2013	Running batch	BAMS	vi. IMCC Act 1970 13 C
vii. IMCC Act 1970 13 A	29/10/2013	Running batch	M.D.	vii. IMCC Act 1970 13 A
iii. sub section (2) of section 10 of the Dentists	6th July 2012	Till future order	MDS in Paedodontics and Preventive Dentistry ( if granted on or aft 28.04.2012)	In force

<p>Acts, 1948( 16 of 1948) in part- I of the existing entries of column 2 &amp; 3 against I of serial no. 80</p>				
<p>sub section (2) of section 10 of the Dentists Acts, 1948( 16 of 1948) in part- I of the existing entries of column 2 &amp; 3 against I of serial no. 80</p>	<p>20th October 2011</p>	<p>Till future order</p>	<p>Post graduate diploma</p> <ol style="list-style-type: none"> <li>1. Periodontology (if granted on or aft 07.05.2011)</li> <li>2. Oral &amp; Maxillofacial Surgery ( if granted on or aft 07.05.2011)</li> <li>3. Oral medicine &amp; radiology ( if granted on or aft 11.05.2011)</li> <li>4. Orthodontics &amp; Dentofacial orthopedics(if granted on or aft 11.05.2011)</li> <li>5. Prosthodontics and Crown &amp; Bridges (if granted on or aft 07.05.2011)</li> <li>6. Conservative Dentistry (if granted on or aft 11.05.2011)</li> </ol>	<p>In force</p>

Under Section / Clause/Ref No	Date, Month and Year	Validity	Program/ Institution	Remarks
INC-Permission for Basic B.Sc. Nursing:-				
I. Ref No -18-134/2001-INC	03.09.2002,	(For 30 Seats )	Basic B.Sc. Nursing,	
II Ref No - 96/02/SEPTEMBER /2004	24.09.2004	(For 30 Seats )		
III Ref No - 97/02/09/2004	09.11.2004	(Increase the seats 30 to 50 Seats)		
IV Ref No - 02/Sept/2006-INC	29.09.2006	(For 50 Seats)		
V 116/02/SEPT/2006	07.11.2006	(For 50 Seats)		This is valid for the period of one Year from 29 <sup>th</sup> Sept. 2006 or till next inspection
VI Ref. No- 02/OCT/2007-INC	03.10.2007	(For 50 Seats)		
VII Ref. No 126/02/OCT/2007	13.11.2007	(For 50 Seats)		This is valid for the period of one Year from 2 <sup>nd</sup> October 2007 or till next inspection
VIII Ref. No- 02/MAY/2009-INC	25.05.2009	(For 100 Seats)		
IX Ref. No 145/02/May/2009	14.09.2009	(For 100 Seats)		This is valid for 2009-10 academic year and till next inspection
X- Ref. No 02/July2/2010	24.07.2010	(For 100 Seats)		
XI Ref. No 162/02/July/2010	04.03.2011	(For 100 Seats)		This is valid for 2010-11 academic year and till next inspection
XII- file no- 18-134/2001-INC	26.03.2012	(For 100 Seats)		This is valid for 2012-13 academic year and till next inspection
XIII- file no- 18-134/2001-INC	01.07.2013	(For 100 Seats)		

XIV- file no- 02/July/2014	15.07.2014	(For 100 Seats)				
XIII- file no- 18-134/2001-INC/3197	02.08.2016	(For 100 Seats)			Validity period for the 2015-16 and 2016-17	
INC-Permission for Post Basic B.Sc. Nursing:-						
File No- 02/SEP/2004-INC	13.09.2004	(For 30 Seats)	Post Basic B.Sc. Nursing			
File No- 02/JUNE/2005-INC	20.06.2005	(For 30 Seats)				
File No- 02/July2/2010-INC	24.07.2010	(For 50 Seats)				
Ref. No. 162/02/JULY/2010	24.02.2011	(For 50 Seats)			This is valid for 2010-11 academic year and till next inspection	
file no- 18-134/2001-INC	26.03.2012	(For 50 Seats)				
XIII- file no- 18-134/2001-INC/3197	02.08.2016	(For 50 Seats)			Validity period for the 2016-17	
INC-Permission for M.Sc. Nursing						
Department	Ref. No	Total No of Seats	Status of sectioned seats			
			Status of permission		Status of recognition	
			Date of permission	No of Seats	Date of Recognition	No of Seats
Obstetric and Gynecological Nursing	18-19/3258/INC	05	07.11.2006	05		
Community Health Nursing						
Obstetric and Gynecological Nursing	18-19/3258/INC	05	29.08.2007	05		
Community Health Nursing						
Obstetric and Gynecological Nursing	02/OCT/2007/INC	04	03/10/2007	04		
Community Health Nursing		04		04		
Pediatrics Nursing		04		04		
Medical Surgical Nursing		04		04		



Psychiatric Nursing		04		04		
Community Health Nursing	126/02/OCT/2007	04	15/11/2007	04		
Obstetric and Gynecological Nursing		04		04		
Psychiatric Nursing		04		04		
Pediatrics Nursing		04		04		
Medical Surgical Nursing		04		04		
Community Health Nursing		02/MAY/2009-INC		03	25/05/2009	03
Obstetric and Gynecological Nursing	06		06			
Psychiatric Nursing	05		05			
Pediatrics Nursing	05		05			
Medical Surgical Nursing	06		06			
Community Health Nursing	145/02/MAY/2009		03	25/08/2009		03
Obstetric and Gynecological Nursing		06	06			
Psychiatric Nursing		05	05			
Pediatrics Nursing		05	05			
Medical Surgical Nursing		06	06			
Community Health Nursing		file no- 18-134/2001-INC	03		26.03.2012	03
Obstetric and Gynecological Nursing	06		06			
Psychiatric Nursing	05		05			
Pediatrics Nursing	05		05			
Medical Surgical Nursing	06		06			
Community Health Nursing	file no- 18-134/2001-INC		03	01/07/2013		03
Obstetric and Gynecological Nursing		06	06			

Psychiatric Nursing		05		05				
Pediatrics Nursing		05		05				
Medical Surgical Nursing		06		06				
Community Health Nursing	file no- 18-19/3258-INC	03	24/07/2014	03				
Obstetric and Gynecological Nursing		06		06				
Psychiatric Nursing		05		05				
Pediatrics Nursing		05		05				
Medical Surgical Nursing		06		06				
Community Health Nursing		file no- 18-134/2001-INC/3197		03	02.08.2016	03		
Obstetric and Gynecological Nursing				06		06		
Psychiatric Nursing	05		05					
Pediatrics Nursing	05		05					
Medical Surgical Nursing	06		06					

(Enclose the Certificate of recognition / approval)

10. Has the institution been recognized for its outstanding performance by any national / international agency such as DSIR, DBT, ICMR, UGC-SAP, AYUSH, WHO, UNESCO, etc.?

Yes  No

Name of the agency ...

1. DST – Center of Excellence under: Technology Information, Forecasting and Assessment Council (TIFAC)-
2. UNESCO Bioethics Unit
3. ICMR -Adverse Drug Reaction Monitoring Centre
4. Grand Challenge Canada- Centre of Education Innovation for Early Childhood Development (ECD)
5. Centre of Excellence for Cleft Orthodontics by Smile Train Inc
6. Centre for Research in Formulation Development and Standardization of Herbal Formulation
7. Biomedical Engineering and Technology (Incubation) Centre (BeTIC) Innovation of Collaborative Partners – by DST
8. Medical Council of India – Nodal/ Regional Centre for Faculty Development
9. South Asia International Centre of Excellence for Malaria Research by NIH, USA
10. Centre of Herbal Gardening – by National Medicinal Plant Board AYUSH GOI
11. Evidence Based Nursing – by Swedish International Development Authority (SIDA)
12. Resource Centre of HIV/AIDS – USAIDS

13. International Training Centre for Basic and Advanced Life Support – American Heart Association

14. CCIM – Nodal Centre for Faculty Development in Ayurveda

11. Does the institution have off-campus centres?

Yes  No

If yes, date of establishment : ..... (dd/mm/yyyy)

date of recognition by relevant statutory body/ies: ..... (dd/mm/yyyy)

12. Does the institution have off-shore campuses?

Yes  No

If yes, date of establishment : ..... (dd/mm/yyyy)

date of recognition by relevant statutory body/ies: ..... (dd/mm/yyyy)

13. Location of the campus and area:

	Location *	Campus area In acres	Built up area In sq.mts.
i. Main campus area	Sawangi (Meghe)	125.35	1,46,628
ii. Other campuses in the country	Not applicable	Not applicable	Not applicable
iii. Campuses abroad	Not applicable	Not applicable	Not applicable

(\* Urban, Semi-Urban, Rural, Tribal, Hilly Area, any other (specify))

If the institution has more than one campus, it may submit a consolidated self-study report reflecting the activities of all the campuses.

14. Number of affiliated / constituent institutions in the university

Types of Institutions	Total	Permanent	Temporary
Ayurveda	1	✓	-
Dentistry	1	✓	-
Homoeopathy	-	-	-
Medicine	1	✓	-
Nursing	1	✓	-
Pharmacy	-	-	-
Physiotherapy	1	✓	-
Siddha	-	-	-
Unani	-	-	-

Yoga and Naturopathy	-	-	-
Others (specify and provide details)	-	-	-

15. Does the University Act provide for conferment of autonomy to its affiliated institutions? If yes, give the number of autonomous colleges under the jurisdiction of the University.

Yes  No  Number

16. Furnish the following information:

Particulars	Number
a. Accredited colleges by any professional bodies	5
b. Accredited course / department by any professional bodies	5
c. Affiliated colleges	-
d. Autonomous colleges	-
e. Colleges with Postgraduate Departments	05
f. Colleges with Research Departments	05
g. Constituent colleges	05
h. University Departments	
Undergraduate	05
Post graduate	49
Research centres on the campus and on other campuses	
University recognized Research Institutes/Centres	-

17. Does the institution conform to the specification of Degrees as enlisted by the UGC?

Yes  No

If the institution uses any other nomenclatures, specify.

18. Academic programs offered and student enrolment : (Enclose the list of academic programs offered and approval / recognition details issued by the statutory body governing the programs)

Programs	Number of Programs	Number of students enrolled
UG	07	2119
PG	47	516
DNB	-	-
Integrated Masters	-	-
Integrated Ph.D.	-	-
Pharm D	-	-
M.Phil.	1	19
Ph.D.	37	104
Certificate	44	108
Diploma	-	-

PG Diploma	16	22
D.M. / M.Ch.	02	03
Sub / Super Specialty Fellowship	37	24
Any other (specify)	-	-
Total	191	2915

19. Provide information on the following general facilities (campus-wise):

- Auditorium/seminar complex with infrastructural facilities Yes  No
- Sports facilities
  - \* Outdoor Yes  No
  - \* Indoor Yes  No
- Residential facilities for faculty and non-teaching staff Yes  No
- Cafeteria Yes  No
- Health centre
  - First aid facility Yes  No
  - Outpatient facility Yes  No
  - Inpatient facility Yes  No
  - Ambulance facility Yes  No
  - Emergency care facility Yes  No
  - Health centre staff
    - Qualified Doctor Full time  Part-time
    - Qualified Nurse Full time  Part-time
- Facilities like banking, post office, book shops, etc. Yes  No
- Transport facilities to cater to the needs of the students and staff Yes  No
- Facilities for persons with disabilities Yes  No

- Animal house Yes  No
- Incinerator for laboratories Yes  No
- Power house Yes  No
- Fire safety measures Yes  No
- Waste management facility, particularly bio-hazardous waste Yes  No
- Potable water and water treatment Yes  No
- Any other facility (specify).

20. Working days / teaching days during the past four academic years

Number stipulated by the Regulatory Authority	Working days				Teaching days			
	2013-14	2014-15	2015-16	2016-17	2013-14	2014-15	2015-16	2016-17
Number by the Institution	282 days	279 days	279 days	282 days	240 days*	240 days*	240 days *	240 days*

('Teaching days' means days on which classes/clinics were held. Examination days are not to be included.)

21. Has the institution been reviewed or audited by any regulatory authority? If so, furnish copy of the report and action taken there upon (last four years).  
No

22. Number of positions in the institution

Positions	Teaching faculty						Non-Teaching staff	Technical staff
	Professor	Associate Professor/Readers	Assistant Professor	Lecturer	Tutor/Clinical Instructor	Senior Resident		
Sanctioned by the Government Recruited Yet to recruit								
Sanctioned by the Management/ Society or other authorized bodies Recruited Yet to recruit	145	90	152	-	56	40	655	160
Stipulated by the regulatory authority Cadre ratio Recruited Yet to recruit								
Number of persons working on contract basis				03			All sweeping workers are on contract basis	

23. Qualifications of the teaching staff

Highest Qualification	Professor		Associate Professor/Reader		Associate Professor		Lecturer		Tutor / Clinical Instructor		Senior Resident	
	M	F	M	F	M	F	M	F	M	F	M	F
	Permanent teachers											
D.M./ M.Ch.	3	-	1	-	14	1	-	-	-	-	1	-
Ph.D./D.Sc./D.Litt/ M.D./ M.S.	67	40	34	27	52	35	-	-	-	3	23	1
PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT,	18	20	11	13	32	8	6	13	-	15	3	3
AB/FRCS/FRCP/ MRCP/MRCS/ FDSRCS	-	-	-	-	-	-	-	-	-	-	-	-
M.Phil.	1	6	1	3	-	-	-	2	-	-	-	-
UG	-	-	-	-	-	-	-	-	7	31	9	11

Temporary teachers												
D.M./ M.Ch.												
Ph.D./D.Sc./D.Litt/ M.D./ M.S.												
PG (M.Pharm./ PharmD, DNB, M.Sc., MDS., MPT, MPH, MHA)												
AB/FRCS/FRCP/ MRCP/MRCS/ FDSRCS												
M.Phil.												
UG												
Contributory Teachers												
M.A. B.Ed.								03				
Contractual teachers												
D.M./ M.Ch.												



24. Emeritus, Adjunct and Visiting Professor

	Emeritus		Adjunct		Visiting	
	M	F	M	F	M	F
	9	10	29	17	6	3

25. Distinguished Chairs instituted:

Chair	Current Occupant
Director Center for Health Sciences Education Policy & Planning	Dr. Vedprakash Mishra
Director School for Health Professionals Education & Research	Dr. Mrs. Sunita Vagha
Director of Innovations	Dr. Lalitbhusan Waghmare
Director Research and Development	Dr. S. Z. Quazi
UNESCO Bio Ethics Chair	Vice Chancellor ( Ex Officio)

26. Hostel

\* Boys' hostel

- i. Number of hostels : 04
- ii. Number of inmates : 383
- iii. Facilities :
  - 1. Hostel Reading Room / Library
  - 2. Visitor's Room
  - 3. Mess Facilities
  - 4. Recreation Hall
  - 5. Cricket ground, Valley ball ground, Badminton Court, Gym. Hall, Carom Board, T.T. Table and Colour T.V., Daily Needs Canteen and Food Court

\* Girls' hostel

- i. Number of hostels : 08
- ii. Number of inmates : 1540
- iii. Facilities :
  - 1. Hostel Reading Room / Library
  - 2. Visitor's Room
  - 3. Mess Facilities
  - 4. Recreation Hall
  - 5. Cricket ground, Valley ball ground, Badminton Court, Gym. Hall, Carom

Board, T.T. Table and Colour T.V.,  
Daily Needs Canteen and Food Court

\* Overseas students hostel

- i. Number of hostels : 01
- ii. Number of inmates :
- iii. Facilities :
  - 1.Hostel Reading Room / Library
  - 2.Visitor's Room
  - 3.Mess Facilities
  - 4.Recreation Hall
  - 5.Cricket ground, Valley ball ground, Badminton Court, Gym. Hall, Carom Board, T.T. Table and Colour T.V., Daily Needs Canteen and Food Court

\* Hostel for interns

- i. Number of hostels : 02
- ii. Number of inmates : 120
- iii. Facilities :
  - 1.Hostel Reading Room / Library
  - 2.Visitor's Room
  - 3.Mess Facilities
  - 4.Recreation Hall
  - 5.Cricket ground, Valley ball ground, Badminton Court, Gym. Hall, Carom Board, T.T. Table and Colour T.V., Daily Needs Canteen and Food Court

\* PG Hostel

- i. Number of hostels : 04
- ii. Number of inmates : 380
- iii. Facilities :
  - 1.Hostel Reading Room / Library
  - 2.Visitor's Room
  - 3.Mess Facilities
  - 4.Recreation Hall
  - 5.Cricket ground, Valley ball

ground, Badminton Court, Gym. Hall, Carom Board, T.T. Table and Colour T.V.,  
Daily Needs Canteen and Food Court

27. Students enrolled in the institution during the current academic year, with the following details:

Students	UG		PG						Integrated		M. Phil		Ph.D.		Integrated	
			PG		DM		MCH		Masters				Ph.D.		Ph.D.	
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
From the state where the institution is located	419	1063	160	162	01	01	01	-	-	-	09	10	44	47	-	-
From other States	237	358	105	110	-	-	-	-	-	-	-	-	08	05	-	-
NRI students	47	101	05	11	-	-	-	-	-	-	-	-	-	-	-	-
Foreign Students	05	06														
Total	708	1528	270	283	01	01	01	-	-	-	09	10	52	52		
*M-Male *F-Female																

28. Health Professional Education Unit / Cell / Department

ÿ Year of establishment : 1998: Medical Education Unit  
2007:Department of Medical Education  
2010:Department of Health Professions Education  
2012:Center for Health Professionals Education & Research  
2013:School for Health Professionals Education & Research  
2015:Centerof Excellence

ÿ Number of continuing education programs conducted (with duration)

* Induction	}	2013-14 : 47 2014-15 : 47
* Orientation		
* Refresher		

29. Does the university offer Distance Education Programs (DEP)?

Yes  No

If yes, indicate the number of programs offered.

Are they recognized by the Distance Education Council?

30. Is the institution applying for Accreditation or Re-Assessment?

Accreditation  Re-Assessment   
Cycle 1  Cycle 2  Cycle 3  Cycle 4

31. Date of accreditation\* (applicable for Cycle 2, Cycle 3, Cycle 4)

Cycle 4: ..... (dd/mm/yyyy), Accreditation outcome/Result ..... Cycle 3: ..... (dd/mm/yyyy), Accreditation outcome/Result ..... Cycle 2: 23/03/2013 (dd/mm/yyyy), Accreditation outcome/Result : 'A' Grade  
Cycle 1: 31/03/2007 (dd/mm/yyyy), Accreditation outcome/Result 'A' Grade

\* Enclose copy of accreditation certificate(s) and peer team report(s)

32. Does the university provide the list of accredited institutions under its jurisdiction on its website? Provide details of the number of accredited affiliated / constituent / autonomous colleges under the university.

1. Jawaharlal Nehru Medical College, Sawangi (Meghe), Wardha
2. SharadPawar Dental College, Sawangi (Meghe), Wardha
3. Mahatma Gandhi Ayurved College, Hospital & Research Center, Salod (H), Wardha.
4. Smt.RadhibabaiMeghe Memorial College of Nursing, Sawangi (Meghe), Wardha
5. Ravi Nair Physiotherapy College, Sawangi (Meghe), Wardha.

33. Date of establishment of Internal Quality Assurance Cell (IQAC) and dates of submission of Annual Quality Assurance Reports (AQR).

IQAC 28.06.2007 (dd/mm/yyyy)

- i. AQR 27.09.2013 ( 1<sup>st</sup> after reaccreditation previous cycle all 5 submitted 2007-08 on 26.4.2008 , 2008-09 on 15.5.2009 . 2009-10 on 26.6.2010, 2010-11 on 4.7.2011,2011-12 on 27.12.12 )

- ii. AQAR 2012-13 on 27.09.2013
- iii. AQAR2013-14 on 11.11.2014
- iv. AQAR 2014-15 on 31.12.2015
- v. AQAR 2015-16 on 31.12.2016

Any other relevant data, the institution would like to include (not exceeding one page).

1. The University is bracketed in Elite “A” Category by the Ministry of HRD government of India.
2. The University is ISO 2008:9001 certified teaching institute and has applied for NABH Accreditation for its teaching hospital.
3. The University has successfully been reviewed by the University Grants Commission for renewal of its recognition on 7<sup>th</sup> and 8<sup>th</sup> December 2016 by on site Experts Visit and has been granted the continuation of its recognition vide communication No F.No 6-98/2004 CPP-I/DU dated 07.03.2017.

## Evaluative Report of the Department

1. Name of the Department : **Anatomy**
2. Year of establishment : **1990**
3. Is the Department part of a College/Faculty of the university? : **Yes, Department is part of college**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)
  - UG : MBBS**
  - PG : MD**
  - Post PG : Ph.D**
5. Interdisciplinary programs and departments involved : **NIL**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.  
**Fellowships with MoU**

Courses	Collaborations with
<b>PhD &amp; Diploma in Medical Genetics</b>	<b>Preventive Genetics Diagnostic Centre, Nagpur – from 01/09/2012 to 01/09/2015 93 Years)</b>

7. Details of programs discontinued, if any, with reasons:  
**Diploma in Medical Genetics : Upgradation of the same to a Post Doctoral fellowship is planned from academic year 2018-19**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System –  
**Annual / Semester /Choice based Creditsystem**

<b>UG</b>	<b>Semester</b>
<b>PG</b>	<b>Annual</b>
9. Participation of the department in the courses offered by other departments  
**Dental- BDS, MDS/ Nursing- B.Sc/ Physiotherapy- B.PTh/MPH**

**10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
Professor	<b>1</b>	<b>1</b>	<b>4</b>
Associate Professor/Reader	<b>3</b>	<b>1</b>	<b>2</b>
Assistant Professor	<b>3</b>	<b>3</b>	<b>4</b>
Lecturer	-	-	-
Tutor / Clinical Instructor	<b>4</b>	<b>3</b>	<b>2</b>

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research underguidance**

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>No. of Years of Experience</b>
Dr. U. L. Gajbe	MBBS, MS (Anatomy), M.Phil (HPE)	Prof. & Head	Anatomy, MET	21
Dr. R. R. Fulzele	MBBS, MS (Anatomy), M.Phil (HPE)	Professor	Anatomy, MET	34.2
Dr. S. P. Wanjari	MBBS, MS (Anatomy)	Professor	Anatomy	20
Dr. V. K. Chimurkar	MBBS, MS (Anatomy)	Professor	Anatomy	17.5
Dr. Preeti Thute	MBBS, MS (Anatomy)	Asso. Professor	Anatomy	12
Dr. B. R. Singh	MBBS, MS (Anatomy)	Asso. Professor	Anatomy	8
Dr. Sachin Tote	MBBS, MS (Anatomy)	Asst. Professor	Anatomy	6.5
Dr. S. Anjankar	MBBS, MD (Anatomy)	Asst. Professor	Anatomy	6
Dr. Darshna Fulmali	MBBS, MS (Anatomy)	Asst. Professor	Anatomy	5.8
Dr. Kirti Chaudhary	MBBS, MD (Anatomy)	Tutor	Anatomy	1.7
Dr. Vaibhav Sande	MBBS, MD (Anatomy)	Tutor	Anatomy	1
Dr. Varsha Pande	MBBS, MD (Anatomy)	Tutor	Anatomy	7 months

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

<b>Name of the Faculty</b>	<b>Type (Visiting Fellows, Adjunct Faculty, Emeritus Professors)</b>
Dr. Roopa Kulkarni, Professor, Ramaiya Medical College, Bangalore, Karnataka	Adjunct Faculty
Dr. T.C. Singhel, Professor, GMC, Jamnagar, Gujarat	Adjunct Faculty

**13. Percentage of classes taken by temporary faculty – program-wise information**

**Nil**

**14. Program-wise Student Teacher Ratio**

<b>Course</b>	<b>Ratio</b>
UG	<b>22:1</b>
PG	<b>1:1</b>
Ph.D	<b>5:1</b>

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:**

<b>Sn.</b>	<b>Designation</b>	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual</b>
<b>1.</b>	<b>Technical Staff</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>2.</b>	<b>Administrative Staff (Clerk, Attendant, Sweeper)</b>	<b>7</b>	<b>7</b>	<b>7</b>

**16. Research thrust areas as recognized by major funding agencies:**

**ICMR, DST, IBETS – Cadevaric Body Donations, Genetic, Basic Sciences-Cell Biology, Virtual Teaching (ICT) incorporation.**

**17. Number of faculty with ongoing projects from a) National b) International funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.**

**Nil**



**18. Inter-institutional collaborative projects and associated grants received**

- a) National collaboration                      b) International collaboration

**NIL**

**19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

**ICMR STS Project:01                      -                      10000Rs.**

**20. Research Facility / Centre with ( including National Program etc)**

- State Recognition                      :                      **NIL**
- National Recognition                      :                      **NIL**
- International Recognition                      :                      **NIL**

**21. Special research laboratories sponsored by / created by industry or corporate bodies**

**NIL**

**22. Publications:**

Number of papers published in peer reviewed journals (national / international): **41**

- Monographs                      :                      **NIL**
- Chapters in Books                      :                      **NIL**
- Books edited                      :                      **NIL**
- Books with ISBN with details of publishers                      :                      **NIL**
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)                      :                      **NIL**
- Citation Index                      :                      Average 8.4
- SNIP                      :                      0.61
- SJR                      :                      0.3
- Impact Factor                      :                      Average 0.76
- h-index                      :                      6

**23. Details of patents and income generated.**

**NIL**

**24. Areas of consultancy and income generated**

<b>Areas of consultancy</b>	<b>Income Generated</b>
Genetic Counseling, Karyotyping at AVBRH between January 2013 to 2014	20000 Rs.

**25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :**

<b>Name of Faculty</b>	<b>Visit to other laboratories / institutions / industries in India and abroad</b>
<b>Dr. Nikam</b>	<b>Cadevaric Skill Lab, Medical College, Shri Ram University, Dehradun,</b>
<b>Dr U Gajbe</b>	<b>Preventive Genetics Diagnostic Centre, Nagpur</b>

**26. Faculty serving in**

a) National Committees B) International Committees C) Editorial Boards D) Any Other (Specify)

<b>Name of Faculty</b>	<b>Serving Agency/ Board/ Committee</b>
<b>Dr. U.L. Gajbe</b>	<b>* Member of JDMIMSU * Member –Senior advisory Board- National Journal of Medical Research and Yogascience</b>
<b>Dr. R. R. Fulzele</b>	<b>Vice President Staff research society</b>
<b>Dr. B.R.Singh</b>	<b>Member board of editors- Journal Of Neuroscience in Rural Practice</b>

**27. Faculty recharging strategies**

(Refresher / orientation programs, workshops, training programs and similar programs).

- **Medical Education Training**
- **Subspeciality training in National & International Institute of Prominence under eminent faculty.**
- **Active participation in various conferences, workshops, CMEs. To facilitate faculty for various fellowship programs, and PhD.**
- **By conducting / attending conference, workshop, CMEs, webinars and group discussions.**
- **ALS & BLS Programmes**

**28. Student projects.**

- Percentage of students who have taken up in-house projects including inter-departmental projects

Course wise Students	Percentage
UG	<b>3%</b>
MD/MS	<b>100%</b>
Ph. D	<b>100%</b>

- Percentage of students doing projects in collaboration with other universities / industry / institute :

**NIL**

**29. Awards / recognitions received at the national and international level by**

- Faculty
- Doctoral / post doctoral fellows
- Students

	Names	Awards / recognitions
Faculty	<b>Dr. U. L. Gajbe</b>	<b>03</b>
	<b>Dr. R.R. Fulzele</b>	<b>03</b>
	<b>Dr. B. R. Singh</b>	<b>01</b>

**30. Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.**

Seminars/Conferences/Workshops	Funding - National/International	Outstanding Participant
<b>CME on Embalming 26/02/2014</b>	<b>Intramural / Institutional funding</b>	<b>Dr. Priti Desai</b>
<b>CME on Research Scope in Embryology 29/12/2014</b>	<b>Intramural / Institutional funding</b>	<b>Dr. Pankaj Banode</b>
<b>Inter- Departmental CME on Organ and Body Donation Laws and Ethics 27/11/2015</b>	<b>Intramural / Institutional funding</b>	<b>Dr. P. G. Dixit</b>
<b>Multispecialty CME on Role of Neuroanatomy in Clinical Practice 11/01/2017</b>	<b>Intramural / Institutional funding</b>	<b>Dr. Shailendra Anjankar</b>

**31. Code of ethics for research followed by the departments**

**Yes, All research Projects are undertaken after the approval of Institutional Ethical Committee, and Animal Ethical Committee and the guidelines of institutional IPR policy are strictly adhered to.**

**32. Student profile program-wise :**

Name of the Program (Refer to question no.4)	Application received	Selected		Pass Percentage	
		Male	Female	Male	Female
UG	As per NEET	87	113	91%	97.35%
PG	As per NEET	Nil	Nil	--	--

**33. Diversity of students**

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MD (Anatomy)- (2015-16)	Nil	Nil	16.66%	Nil
MD (Anatomy)- (2016-17)	Nil	Nil	16.66%	Nil

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.**

**Nil**

**35. Student progression:**

Student progression	Percentage against enrolled
UG to PG	<b>53%</b>
PG to M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>3%</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campus selection	<b>24%</b>
• Other than campus recruitment	<b>7%</b>
Entrepreneurs	<b>12%</b>

**36. Diversity of staff**

<b>Percentage of faculty who are graduates of the same university</b>	
of the same university	<b>11.11%</b>
from other universities within the State	<b>22.22%</b>
from universities from other States	<b>66.67%</b>
from universities outside the country	-

**37. Number of faculty who were awarded M.Phil., DM, MCh, Ph.D., D.Sc. and D.Litt. during the assessment period :02**

<b>Name of the Faculty</b>	<b>Awarded with M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt.</b>
<b>Dr. U. L. Gajbe</b>	<b>M.Phil</b>
<b>Dr. R. R. Fulzele</b>	<b>M.Phil</b>

**38. Present details of departmental infrastructural facilities with regard to**

- a. Library : Total Number of books-211**
- b. Internet facilities for staff and students : Yes**
- c. Total number of classrooms : 03**
- d. Class rooms with ICT facility  
and 'smart' classrooms : 01**
- e. Students' laboratories : Yes, Available**
- f. Research laboratories : Yes, Available**

**39. List of Doctoral, Post Doctoral and Research Associates**

	<b>Doctoral Students</b>	<b>Post doctoral</b>	<b>Research Associates</b>
from the host Institution / University	Dr. Sumedha Mankar	--	--
from other Institutions/Universities	Mr. Anil Reddy Dr. Darshana Fulmali	--	--

40. Number of post graduate students getting financial assistance from the university. Research Grantslist

Name of the Student	Financial Assistance Amount from university. Research Grants
Mr. Anil Reddy (PhD)	Rs. 25,000/- from DMIMSU

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

**Yes, need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying/Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis, user analysis and work analysis.**

42. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

**Yes, The Feedback from faculties are utilized for development, designing and updation of curriculum and syllabus.**

b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

**Yes, The Feedback from students are utilized for improvement of performance of the staff and updation of curriculum.**

c) Alumni and employers on the programs offered and how does the department utilize the feedback?

**Yes, The Feedback from them are utilized for identification of needs for development, designing and updation of curriculum and syllabus.**

43. List the distinguished alumni of the department (maximum 10) :

Name of the distinguished alumni	Presently Working as
Dr. Preeti Thute	Presently working in J.N. Medical College, Sawangi (Meghe), Wardha as a Associate Professor in the Dept of Anatomy.
Dr. B.R. Singh	Presently working in J.N. Medical College, Sawangi (Meghe), Wardha as a Associate Professor in the Dept of Anatomy.

Dr. Sachin Tote	Presently working in J.N. Medical College, Sawangi (Meghe), Wardha as a Assist. Professor in the Dept of Anatomy.
Dr. AnupamaSawal	Associate Professor in PDMC, Amravati
Dr. DharmarajTamgire	Assist. Professor in JIPMER, Pondicherry.
Dr. Eti Staphak	Assist. Professor in SGPGI, Lukhnow.

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.:

Name of CME	Year
<b>CME on Embalming</b>	<b>26/02/2014</b>
<b>CME on Research Scope in Embryology</b>	<b>29/12/2014</b>
<b>Inter- Departmental CME on Organ and Body Donation Laws and Ethics</b>	<b>27/11/2015</b>
<b>Multispecialty CME on Role of Neuroanatomy in Clinical Practice</b>	<b>11/01/2017</b>

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

- **ITP,**
- **PBL,**
- **OSPE / Mini CEX,**
- **Simulations,**
- **virtual HumanDissection.**

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

**Marker Point Analysis in AAP: Logbooks, Student Feedback &Formative Assessment.**

47. Highlight the participation of students and faculty in extension activities.

- **Camps ,**
- **NSS,**
- **Community HealthCare Team,**
- **Body Donation Programme, etc**

48. Give details of “beyond syllabus scholarly activities” of the department.

- Value education for students, teaching and non teaching staff
- ICMR STS projects guided by faculty
- Members of editorial board
- Research consultancy

49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details.

Nil

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

**New Knowledge generated are being utilized for the development of techniques and tools in teaching and learning, in better understanding of human anatomy and cell biology.**



51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

	<b>Strengths</b>	<b>Weakness</b>	<b>Opportunities</b>	<b>Challenges</b>
1.	<p><b>ACADEMICS-</b></p> <ul style="list-style-type: none"> <li>➤ ICT incorporated advance human interactive Dissection through Anatomage Table, first in Asia.</li> </ul> <p><b>FACULTY</b></p> <ul style="list-style-type: none"> <li>➤ Dedicated experienced staff across all the cadavers.</li> <li>➤ Excellent Infrastructure with 3D Video Theatre, E-Museum, Integrated Museum, Hands on Experience in Dissection Lab.</li> </ul> <p><b>EXTENSION ACTIVITIES</b></p> <ul style="list-style-type: none"> <li>➤ Faculty trained imparting value education.</li> <li>➤ 2) Museum Visits of school children the visiting school children are motivated for opting medical education during their Museum visits and hence the department is contributing in national development.</li> <li>➤ 3) Dedicated team of body donation programme</li> </ul>	<p>* Less research Grants and Funded projects. Clinical Embryology and Molecular Sciences.</p> <ul style="list-style-type: none"> <li>➤ Lesser students opting for Postgraduates in the Subject ( Universal Scenario)</li> </ul>	<ul style="list-style-type: none"> <li>➤ 3D Printing of Virtual Human Body Parts for teaching and training.</li> <li>➤ Establishment of cadaveric skill lab.</li> <li>➤ Strengthening of Curriculum and syllabus towards learners centricity.</li> <li>➤ Develop teaching module for easy understanding in UG &amp; PG (in 3 dimensional way) in different area in anatomy.</li> <li>➤ <b>Value based</b> inculcation in early learners.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Collaboration with institute of repute in arena of Genetics, Clinical Embryology and Molecular Sciences, for faculty exchange and researches.</li> <li>➤ Development of department in the areas of preferences as per the choices of current medical graduates in the above areas.</li> </ul>

52. Future plans of the department.

- 1) To develop Genetics, Clinical Embryology and Molecular Sciences, in terms of
  - a) Incorporation in current PG Curriculum.
  - b) New courses in above areas such as fellowship in Embryology.
  - c) Creation of newer facilities and infrastructure.
  - d) Research projects in collaboration with other universities.
  - e) Training of manpower including technician and faculties.
  
- 2) To develop linkage with reproductive medicine facilities such as IVF Lab, and develop clinical aspects for anatomy.

To further foster learner centric environment through incorporation ICT facilities, Cadaveric skill lab, small group and integrated learning, and student exchange programme with other universities in the subject of anatomy

## Evaluative Report of the Department

1. Name of the Department - **Physiology**
2. Year of establishment - **1990**
3. Is the Department part of a college/  
Faculty of the university? - **Part of college**
4. Names of programs offered  
(UG, PG, Pharm D, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate,  
Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.):  
**UG : MBBS,**  
**PG : MD Physiology,**  
**Fellowships : Neurophysiology,**  
**PhD : Physiology**
5. Interdisciplinary programs and  
departments involved - **1**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:  
**1**
7. Details of programs discontinued, if any, with reasons: **Nil**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:  
**UG : Semester**  
**PG : Annual**  
**Fellowships : CBCS**
9. Participation of the department in the courses offered by other departments –
  - **BDS,**
  - **MDS,**
  - **BPTh,**
  - **Nursing,**
  - **B.Sci (MIT) (Radiodiagnosis),**
  - **MPH (Community Medicine)**

**10. Number of teaching posts sanctioned, filled and actual  
(Professors/Associate Professors/Asst. Professors/others)**

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
Professor	1	06	06
Associate Professor/Reader	3	00	00
Assistant Professor	3	03	03
Tutor / Clinical Instructor	05	05	05

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

<b>Sn</b>	<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>No. of Years of Experience</b>
1	Dr. Alka Rawekar	MBBS, MPhil, MD	Prof. & Head	Reproductive Physiology, Medical Education – Assessment and Evaluation	17 Years
2	Dr. D.A.Biswas	MBBS, MSc, MD, PhD	Prof. & Vice Dean	Value education, Mind body medicine	23 Years 7 Month
3	Dr. P.A.Nikose	MBBS, MD	Professor	Infertility	38 Years 4 Month
4	Dr. L.Waghmare	MBBS, MPhil, MD	Prof. & Dean Interdisciplin ary Health Sciences	Sleep Physiology, Accreditation processes, Administration	16 Years
5	Dr. T.Srivastava	MBBS, MPhil, MD	Professor	Endocrine Physiology, Medical Education – Faculty development, Innovations in TLE	14 Years
6	Dr. N.Quazi	MBBS, MD, PhD	Professor	Neurophysiolo gy, Systematic reviews & Meta- analysis	13 Years
7	Dr. A.Taksande	MBBS, MD	Assist. Professor	Evoked potential studies	7 Years
8	Dr. K.Meshram	MBBS, MD	Assist. Professor	Exercise physiology	6 Years

9	Dr. S.Pawar	MBBS,MD	Assist. Professor	Respiratory physiology	3 Years
10	Dr. S.Kulsange	MBBS,MD	Tutor	Respiratory physiology	5Years
11	Dr.Virag Borkar	MBBS	Tutor	-	9 Month
12	Dr.Nitin Shingote	MBBS	Tutor	-	9 Month
13	Dr.Kalyan Wazalwar	MBBS	Tutor	-	9 Month

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors  
**Adjunct Faculty : Dr. Ramji Singh, Professor, Physiology, AIIMS Patna**  
**Visiting faculty : Dr. Manish Sawane, Professor, NKP Salwe Nagpur**  
**Emeritus Professor : Dr KN Ingley, Professor, Physiology**

13. Percentage of classes taken by temporary faculty – program-wise information-

14. Program-wise Student Teacher Ratio –

UG	22:1
PG	1:1
PhD	5:1
Fellowship	2:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual –

Sr. No.	Designation	Sanction	Filled	Actual
1	Technical Staff (Jr. Lab Technician, Lab Assistant	1	1	2
2	Administrative Staff (Clerk, Attendant, sweeper	3	3	3

16. Research thrust areas as recognised by major funding agencies –  
**Neurosciences, Resp. Physiology , Cardiac Physiology, Endocrinology**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. –  
Two faculties are involved.

Funding Agencies	Title of the Project	Grant Sanctioned
South Asia Research Hub (SARH) of UK Department for International Development (DFID) - Systematic Review Programme for South Asia.	<b>Project title:</b> “How effective are community engagement and participation approaches for delivering better health outcomes, improving delivery of services and sustaining benefits in low and middle income countries? An overview of systematic reviews and an analysis of policy implications with particular reference to the countries of South Asia”	<b>£26000 (INR 5500000).</b>
2. Indian Council of Medical Research for funded project on Systematic Review under PRC Systematic Reviews on Maternal, Perinatal, Newborn, Child and Adolescent Health.	Exposure to electronic media and adolescent health outcome: A systematic review.”	<b>INR 600000</b>
3. Division of Reproductive and Child Health, Indian Council of Medical Research, NewDelhi, India And Public Health Evidence South Asia (PHESA), the South Asian satellite of the Cochrane Public Health Group (CPHG), Manipal University, Manipal; India	“Interventions for the control and prevention of anaemia among children and adolescents: an overview of systematic reviews”	
Subcontract Research Agreement between Harvard T H Chan School of Public Health and DattaMeghe Institute of Medical Sciences through grant number AID-OAA- 14-00005 from the US Agency for International Development (USAID)	Rapid Diagnosis of frail and sick newborns with a handheld Vital Sign Monitor”,	<b>USD 249,943/-.</b>

Grand Challenge Canada.	“Saving Brains - Stepping Stones	<b>CAD 250000/- (INR 13000000).</b>
DMIMS University	Intramural Project	1,00,000/- INR

**18. Inter-institutional collaborative projects and associated grants received**

- National collaboration - 2
- International collaboration - 3

Funding Agencies	Title of the Project	Grant mentioned
South Asia Research Hub (SARH) of UK Department for International Development (DFID) - Systematic Review Programme for South Asia.	<b>Project title:</b> “How effective are community engagement and participation approaches for delivering better health outcomes, improving delivery of services and sustaining benefits in low and middle income countries? An overview of systematic reviews and an analysis of policy implications with particular reference to the countries of South Asia”	<b>£26000 (INR 5500000).</b>
2. Indian Council of Medical Research for funded project on Systematic Review under PRC Systematic Reviews on Maternal, Perinatal, Newborn, Child and Adolescent Health.	Exposure to electronic media and adolescent health outcome: A systematic review.”	<b>INR 600000</b>
3. Division of Reproductive and Child Health, Indian Council of Medical Research, New Delhi, India And Public Health Evidence South Asia (PHESA), the South Asian satellite of the Cochrane Public Health Group (CPHG), Manipal University, Manipal; India	“Interventions for the control and prevention of anaemia among children and adolescents: an overview of systematic reviews”	-
Subcontract Research Agreement between Harvard T H Chan School of Public Health and DattaMeghe Institute of Medical Sciences through grant number AID- OAA-14-00005 from the US Agency for International Development (USAID)	Rapid Diagnosis of frail and sick newborns with a handheld Vital Sign Monitor”,	<b>USD 249,943/-.</b>
Grand Challenge Canada.	“Saving Brains - Stepping Stones	<b>CAD 250000/- (INR 13000000).</b>

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. –
20. Research facility / centre with: NIL
21. Special research laboratories sponsored by / created by industry or corporate bodies – **Central Electro-Physiology lab** (subsidy given by Neurosoft Chroma, Russia; for the equipment; Neuron Spectrum-5)
22. Publications:
- Number of papers published in peer reviewed journals (National / International) –
 

-	<b>96</b>
---	-----------
  - Monographs - **5**
  - Chapters in Books - **3**
  - Books edited - **2**
  - Books with ISBN with details of publishers –
    1. Medical Regulatory Systems of BRICS Countries: A Comparative Analysis ISSN: 2250- 3153,
    2. Formative Assessment and Feedback: Recognizing the relevance: ISBN :978-3-659-50552-2, LAP
    3. GeriatricPhysiology:ISBN : 978-1-63040-914-2, Saara Publications
    4. Mind Body Medicine-ISBN:978-81-8191-420-0, Paras Medical Publisher
    5. Brainstem Evoked response Audiometry Among people Living withHIV.-ISBN No. 10- 3659192775, 13- 978-3659192777-Lap Lambert publishers.
    6. Team Based Learning (TBL) –Astudy at J.N. Medical College, Wardha,India. – ISBN No.- 978-3-659-61283-1
  - Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) :
 

• Citation Index – Range / Average	–	12.7
• SNIP	–	18.69
• SJR	–	2.36
• Impact Factor – Range / Average	–	0.1-6.103
• H-Index	–	13
23. Details of patents and income generated / Copyrights–
1. Electronic Question Bank – Dr Alka Rawekar
  2. PG written Assessment Dr Alka Rawekar
  3. Formative Assessment in Post Graduates Dr Alka Rawekar
  4. Faculty development initiatives Dr Alka Rawekar
  5. FIPO Model of curriculum evaluation Dr Alka Rawekar
  6. ALG for faculty Development Dr Alka Rawekar
  7. Mechanics of question paper setting LRM Dr Alka Rawekar
  8. Blood Group and Blood Transfusion LRM Dr Alka Rawekar
  9. Value education Dr Dalia Biswas
  10. Interactive intra-group tutorials Dr Tripti Srivastava
  11. Logic model of Blood Pressure regulation Dr Tripti Srivastava
  12. LRM on Post Graduate training in Medical Education Dr Lalit Waghmare
  13. Critical self thinking inventory for clinical examination (CSTI-CE) Dr Tripti Srivastava



24. Areas of consultancy and income generated
- Assessment & Accreditations
  - Systematic reviews and Meta-analysis ,Income generated : 65,000/-
  - National Consultancy for national faculty development program
  - Faculty Development & Capacity Building: Workshops, Basic and Advanced course workshops, MCI
25. Faculty selected **Nationally** / Internationally to visit other laboratories / institutions / industries in India and abroad:
1. Assessor, NAAC Peer team, UGC
  2. Observer: Basic course workshops for medical education at other Institutes, deputed by MCI
  3. National Consultant , appointed by MCI for Advance course in medical education at Nodal centres for faculty development
  4. Faculty in Fellowship for Advancement of International Medical education and Research (FAIMER), CMC, Ludhiana, India.
  5. Received travel Bursary by 3ie (International Initiative for Impact Evaluation) to attend 22<sup>nd</sup> Cochrane Colloquium on the theme of “ Evidence Informed Public Health: Opportunities and Challenges” held at Hyderabad from September 22-26,2014.
  6. Invited by SYRCLE, Radboud University, Netherland to share experiences regarding recent work: “Effect of Ghrelin on mortality and cardiovascular outcomes in experimental rat and mice of Heart Failure: A Systematic Approach and meta-analysis” in course promoting Responsible Use of Animals in Biomedical Research- Systematic Reviews of Animal Studies during 3<sup>rd</sup> to 7<sup>th</sup> August 2015.
26. Faculty serving in
- a) National committees
  - b) International committees
  - c) Editorial Boards
  - d) any other (specify)

Faculty	National Body	International body	Editorial board	Peer reviewer
Dr Alka Rawekar	1) Member: Reconciliation board 2) _ Academic committee, MCI 2.National consultant for Faculty development, 3) MCI, Observer, FDP, MCI 4) National Faculty for MCI recognized Faculty Development courses 5) Life member APPI	-	JDMIMS	Premier Publisher

Dr D A Biswas	<ol style="list-style-type: none"> <li>1) Life member APPI</li> <li>2) Life member of medical wing of B.K institute &amp; global Hospital.</li> <li>3) Life member of Rajyoga Education &amp; Research Foundation –Education wing ,Mt Abu, India.</li> <li>4) Executive member, Vidarbha association of Physiology</li> </ol>		<b>Member, Editorial Board</b> Journal of DattaMeghe Institute of Medical Sciences (Deemed university)	Innovative publications
Dr. Lalit Waghmare	<ol style="list-style-type: none"> <li>1) Member, National Assessment &amp; Accreditation Council (NAAC)</li> <li>2) Observer, FDP, MCI</li> <li>3) National Faculty for MCI recognized Faculty Development courses</li> <li>4) 4.Life member APPI</li> </ol>	Royal society of Medicine, USA	-	<i>National Journal of Integrated research in Medicine (Pubmed&amp; NLM indexed)</i>
Dr Tripti Srivastava	<ol style="list-style-type: none"> <li>1) Member, National Implementation and monitoring, Task group for ACME, MCI</li> <li>2) National consultant for Faculty development, MCI</li> <li>3) Observer, FDP, MCI</li> <li>4) National Faculty for MCI recognized Faculty Development courses</li> </ol>	FAIMER, Philadelphia	<b>1.Chief Editor,</b> Journal of Health Sciences Education, SHPER, DMIMS(DU) <b>2.Member, Editorial Board</b> Journal of DattaMeghe Institute of Medical Sciences (Deemed university) 3.Member, Editorial board, Journal of Medical Education and Training, USA	1. Journal of education technology in Health sciences (IC indexed) 2. National Journal of Integrated research in Medicine (Pubmed& NLM indexed) 3. Journal of Clinical and Diagnostic Research (Pubmed indexed) 4. Journal of educational technology in Health Sciences

Dr Nazli Quazi	1) Member; Scientific Advisory Board of NJPP 2) Member; Scientific advisory board of National Writing academy	1.Member, Cochrane's GRADE working group for animal studies 2.Cochrane author in 2 groups: Cochrane Heart Group (CHG) and Cochrane Pain and Palliative Support Group (PaPaS)	Advisory Board Scientific in NJPPP	1.BMC journals (Scopus and Pubmed – IF >2) 2.Neuropeptides 3.NJPP 4.Academia journal
----------------	--	---	------------------------------------	---

**27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).**

Sr. No	Date & Year	Topic	Events	Funding Agency
01	9 <sup>th</sup> May 2014	Diabetesity	CME	Intramural
02	15 <sup>th</sup> Sept 2014	Positivity	Workshop	Intramural
03	9-10 <sup>th</sup> Feb 2015	VIHASA	Workshop	Intramural
04	7 <sup>th</sup> April 2015	Biological Rhythms	CME	Intramural
05	21 Feb 2016	Neurophysiology and USG-guided nerve block	CME	Intramural
06	22.10.2016	Fresher's Induction Program	Induction Program	Intramural
07	6-7 <sup>th</sup> Oct 2016	Co-operation	Workshop	Intramural
08	7 <sup>th</sup> Oct 2016	Co-operation	Workshop	Intramural
09	14 <sup>th</sup> June 2017	"The Art of Scientific Writing & Sensitization On Systematic Reviews"	CME	Intramural

**28. Student projects**

- Percentage of students who have taken up in-house projects including Inter-departmental projects

	Departmental	ICMR
UG	50% (small departmental research projects)	0.5 %
PG	100%	-
PhD	100%	-
Fellowship	100%	-

- Percentage of students doing projects in collaboration with other universities / industry / institute :

**Nil**

**29. Awards / recognitions received at the national and international level by**

- Faculty –**

Dr lalit Waghmare : Assessor, NAAC Peer team, UGC

Dr Alka Rawekar : Member: Reconciliation board, MCI

Dr. Nazli Quazi -. Received travel Bursary by 3ie (International Initiative for Impact Evaluation) to attend 22<sup>nd</sup> Cochrane Colloquium on the theme of “Evidence Informed Public Health: Opportunities and Challenges” held at Hyderabad from September 22-26, 2014.

Dr Tripti Waghmare : Faculty Advisor, FAIMER, member Monitoring committee, ACME, MCI

- Doctoral / post doctoral fellows – Nil
- Students – Nil

**30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

Sr. No	Date & Year	Topic	Events	OUTSTANDING PARTICIPANT	Funding Agency
01	9 May 2014	Diabesity	CME	Nil	Intramural
02	7 th April 2015	Biological Rhythms	CME	Nil	Intramural
03	21 Feb 2016	Neurophysiology and USG-guided nerve block	CME	Nil	Intramural
04	22.10.2016	Fresher’s Induction Program	Induction Program	Nil	Intramural
05	15 <sup>th</sup> Sept 2014	Positivity	Workshop	Nil	Intramural
06	9-10th Feb 2015	VIHASA	Workshop	Nil	Intramural
07	6-7 <sup>th</sup> Oct 2016	Co-operation	Workshop	Nil	Intramural
08	7 <sup>th</sup> Oct 2016	Co-operation	Workshop	Nil	Intramural

31. Code of ethics for research followed by the departments:  
Yes, all research projects are undertaken as per the guidelines of Institutional Ethics committee, Animal Ethics committee, Scientific scrutiny committee, after due approval. The training for code of ethics is regularly conducted by PhD cell.

32. Student profile program-wise : AS PER ANNEXURE

Name of the Program (Refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	As Per NEET	87	113	89%	97.35%
PG	As Per NEET	00	00	--	--

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG	100	19.5	65.5	15
MD	-	100%	Nil	-
PhD	-	100%	-	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. –  
Nil

35. Student progression

Student Progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil, DM / M Ch/DNB	Nil
PG to Ph.D	1 faculty (11%)
Ph.D to Post-Doctoral	Nil
Employed	Nil
<ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	
Entrepreneurs	Nil

36. Diversity of staff  
**Percentage of faculty who are graduates**
- of the same university - Nil
  - from other universities within the State - 100%
  - from universities from other States - Nil
  - from universities outside the country - Nil
37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period: 5  
**PhD : Dr D A Biswas, DrNazli Quazi, Dr Alka Rawekar**  
**M Phil: Dr. Alka Rawekar, Dr. Lalit Waghmare, Dr. Tripti Srivastava**
38. Present details of departmental infrastructural facilities with regard to
- Library : **206 books and 5 journals**
  - Internet facilities for staff and students : **Yes**
  - Total number of class rooms : **4**
  - Class rooms with ICT facility and 'smart' class room **Available**
  - Students' laboratories : **3**
  - Research laboratories : **1**
39. List of doctoral, post-doctoral students and Research Associates
- From the host institution/university (PhD) -  
**Dr. Lalit Waghmare, Dr Tripti Srivastava, Dr Arunita Jagzape, Dr Avinash Taksande, Dr Komal Meshram, Dr Umme Kulsoom**
  - From other institutions/universities – Nil
40. Number of post graduate students getting financial assistance from the university.  
**For one PG student:- 25,000/- from same University**
41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. :  
**Yes**  
 SOP of need assessment is conceptualized and actualized for curriculum. Need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis, user analysis and work analysis.

42. Does the department obtain feedback from
- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? :  
**Yes, The Feedback from faculties are utilized for development, designing and updation of curriculum and syllabus.**
  - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? :  
**Yes, The Feedback from students are utilized for improvement of performance of the staff and updation of curriculum.**
  - Alumni and employers on the programs offered and how does the department utilize the feedback? :  
**Yes, The Feedback from them are utilized for identification of needs for development, designing and updation of curriculum and syllabus.**
43. List the distinguished alumni of the department (maximum 10)

Name of Alumni	Present working as
Dr Nazli Quazi,	Prof. J.N.Medical College Wardha
Dr.Aparna Ganeriwal	Associate Prof. MGM Jaipur
Dr.Ruch Wagh	Asst. Prof. Medical College Hyderabad
DR.Shipla Gupta	Asst. Prof. GMC , Yavatmal
Dr.Vaidhya Garg	Associate Prof. SMS Medical College Rewa.

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts. –

**CME/ Workshops – List**

Sn	Date & Year	Topic	Events	Outstanding Participant	Funding Agency
01	9 <sup>th</sup> May 2014	Diabesity	CME	Nil	Intramural
02	15 <sup>th</sup> Sept 2014	Positivity	Workshop	Nil	Intramural
03	9-10 <sup>th</sup> Feb 2015	VIHASA	Workshop	Nil	Intramural
04	7 <sup>th</sup> April 2015	Biological Rhythms	CME	Nil	Intramural
05	21 Feb 2016	Neurophysiology and USG-guided nerve block	CME	Nil	Intramural
06	22.10.2016	Fresher's Induction Program	Induction Program	Nil	Intramural
07	6-7 <sup>th</sup> Oct 2016	Co-operation	Workshop	Nil	Intramural
08	7 <sup>th</sup> Oct 2016	Co-operation	Workshop	Nil	Intramural
09	14 <sup>th</sup> June 2017	“The Art of Scientific Writing & Sensitization On Systematic Reviews”	CME	Nil	Intramural

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.
- **Problem Based Learning,**
  - **Integrated Teaching,**
  - **Early clinical exposure,**
  - **DOPS,**
  - **Quiz,**
  - **Student seminars,**
  - **Modified tutorials,**
  - **In-class formative assessments**
  - **ICT demonstration for practicals,**
  - **e museum,**
  - **Home assignments,**
  - **Projects,**
  - **Think Pair share technique.**
46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?  
**Preceptorship program, academic appraisal program, formative assessments, log books, Curriculum updation and curriculum evaluation as an ongoing process**
47. Highlight the participation of students and **faculty** in extension activities. Post graduates & Faculty :  
**Mind body Medicine clinic as hospital services and regularly participating in health camps.**
48. Give details of “beyond syllabus scholarly activities” of the department.
- Funded Projects, substantial Scientific Presentations & Guest lectures, high Indexed Publications, IPRs (Copyrights), Consultancies (Assessment & Accreditation , Systematic reviews, Medical education), Governance & Leadership
49. State whether the program/ department is accredited/ graded by other agencies ?, If yes, give details.  
**No**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- 1) **MBM- Project of MBM converted into MBM Clinic**
  - 2) **Value Education- Modules are incorporated in curriculum across the University**
  - 3) **Postgraduate Formative assessment in Practicals: Implemented across the University.**
  - 4) **IPR-**
    - Electronic Question Bank
    - PG written Assessment
    - Formative Assessment in Post Graduates
    - Faculty development initiatives
    - FIPO Model of curriculum evaluation
    - ALG for faculty Development
    - Model of UG Competency based curriculum
    - Student Assessment Principles & application LRM



- Mechanics of question paper setting LRM
- Blood Group and Blood Transfusion LRM
- Value education
- Interactive intra-group tutorials
- Logic model of Blood Pressure regulation
- LRM on Post Graduate training in Medical Education
- Critical self thinking inventory for clinical examination (CSTI-CE)
- Revisiting Problem based learning
- Structured comprehensive assessment of competency

**5) Project based innovative teaching techniques-**

- **Intractive Intragroup Tutorial**
- **Think Pair share techquincisfor Learning**
- **Logic model for regulation of Physiological mechanism.**
- **Peer Led ECE.**
- **Peer Led Quiz**
- **In class formative Assessment**
- **OSCE as a learning tool.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

<b>Strength</b>	<b>Weakness</b>	<b>Opportunities</b>	<b>Challenges/ Threat</b>
<b>Academics:</b> <ul style="list-style-type: none"> <li>• <b>90% faculty with additional qualification</b></li> <li>• <b>Expertise in training of teachers, capacity building and faculty development</b></li> <li>• <b>50% staff in executive committees of National/ International bodies/ organisations</b></li> </ul>	<b>The current medical ggaduates have low preference for PG in the subject</b>	<b>To develop Physiology as Centre of Excellence in the field of Electrophysiology and Mind body Clinic.</b> <b>Opportunity to act as pioneers in innovative TLE Activities and offer Consultancies in Medical Education</b> <b>Opportunity to share expertise and best practises with National and International bodies</b>	<b>Incoporation of Neuro &amp; Clinical Physiology in the Training Programs</b>

<b>Research:</b> <ul style="list-style-type: none"> <li>• <b>SYSTEMATIC REVIEWS (Substantial collaboration in basic sciences)</b></li> <li>• <b>Educational Research (train &amp; guide, projects, Publications, IPRs)</b></li> <li>• <b>Generated 9 Intellectual Property rights:</b></li> <li>• <b>Filed for copyright: 20</b></li> <li>• <b>Central Neurophysiology Lab (connecting Basic sciences to clinical Sciences)</b></li> <li>• <b>Mind Body Medicine Clinic (Adjuant therapy for clinical conditions)</b></li> </ul>	<b>Low Output in Basic &amp; Core Physiological Researches</b>	<b>Pioneer in systematic reviews on preclinical animal studies in Asia</b>  <b>Opportunity to share expertise of educational research in various National and International forums.</b>	<b>Collaborative research Projects with International and National institutes of Repute</b>
--	--	---	---

52. Future plans of the department

**Road map – Physiology**

<b>Area Identified</b>	<b>Future Roadmap</b>
A. Academics	<ul style="list-style-type: none"> <li>• To develop the department into centre of excellence and organise Scientific event of National level, and International Levels , making it to be a popular PG student destination.</li> <li>• Develop Clinical physiology with Hospital Trainings incorporations.</li> </ul>
B: Research	<ul style="list-style-type: none"> <li>• To Identify 3 International/ National Institutes and develop Research Projects in “thrust areas” in Physiology and apply for Grants.</li> </ul>
C. Clinical Services	<ul style="list-style-type: none"> <li>• Develop and Augment following labs:</li> <li>• Exercise Physiology lab and sports Medicine Unit</li> <li>• Community services of CPEL lab by participating in camps</li> <li>• Sleep Physiology Laboratory</li> </ul>

-----

# Evaluative Report of the Department

1. Name of the Department : Biochemistry
2. Year of establishment : 1990
3. Is the Department part of a college/Faculty of the university? : Part of college
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)
  - UG : MBBS, BDS, BSc. Nursing, P.B.Sc. Nursing, Physiotherapy
  - PG : MD, MDS
  - Post PG : Ph.D

5. Interdisciplinary programs and departments involved :  
Nil
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:  
Nil
7. Details of programs discontinued, if any, with reasons :  
Nil
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System –

<b>UG</b>	<b>Semester</b>
<b>PG</b>	<b>Annual</b>

9. Participation of the department in the courses offered by other departments  
**Dental-BDS / Nursing- B.Sc / Physiotherapy**
10. Number of teaching posts sanctioned, filled and actual  
(Professors/Associate Professors/Asst.Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	1	1
Associate Professor/Reader	3	2	2

Assistant Professor	3	3	3
Tutor / Clinical Instructor	5	5	5

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name of Faculty	Qualification	Designation	Specialization	No. of Years of Experience
Dr Ajay Meshram	MBBS, MD	Professor and Head	Biochemistry	21 Yrs
Dr. Archana Dhok/khursade	MBBS, MD, M- Pharm	Associate Professor	Biochemistry	6 yrs. 7 month
Dr. Suryabhan Lokhande	MBBS, MD	Associate Professor	Biochemistry	6 yrs. 4 month
Miss. Anjali Vagga	M.Sc (Biochemistry)	Assistant professor	Biochemistry	12 yrs.
Dr. Meghali Kaple	MBBS, MD	Assistant professor	Biochemistry	3 yrs. 10 month
Dr. Ashish Anjankar	MBBS, MD	Assistant professor	Biochemistry	3 yrs. 7 month

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:**

Name of the Faculty	Type (Visiting Fellows, Adjunct Faculty, Emeritus Professors)
Dr. N. R. Akarte, Professor, Shankara Institute of Medical Sciences, Raipur (CG)	Adjunct Faculty

**13. Percentage of classes taken by temporary faculty – program-wise information**

**Nil**

**14. Program-wise Student Teacher Ratio**

Courses	Ratio
UG	<ul style="list-style-type: none"> <li>• <b>MBBS -18:1</b></li> <li>• <b>BDS-09:1</b></li> <li>• <b>NURSING -09:1</b></li> <li>• <b>PB NURSING-05:1</b></li> </ul>

PG	<b>1:1</b>
Ph.D	<b>5:1</b>

**15.** Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Sr.No.	Designation	Sanction	Filled	Actual
1	Technical Staff (Lab.tech,Biochemist)	2	2	2
2	Administrative staff (Clerk,Lab.Attendant,Sweeper)	4	4	4

**16.** Research thrust areas as recognized by major funding agencies

**Clinical Biochemistry and Molecular Researches.**

**17.** Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

**NIL**

**18.** Inter-institutional collaborative projects and associated grantsreceived

b) National collaboration                      b) Internationalcollaboration-

**NIL**

**19.** Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grantsreceived.

**Two projects approved by ICMR-STC 2015: Total Rs. 20000/- Grant received to the MBBS students.**

**20.** Research facility / centrewith **(Including National Programsetc.)**

- a. StateRecognition
- b. NationalRecognition
- c. International Recognition

**NIL**

**21.** Special research laboratories sponsored by / created by industry or corporate bodies

**NIL**

**22. Publications: (List of Details is Annexed)**

- Number of papers published in peer reviewed journals (National / International) - **51**
- Monographs - **05**
- Chapters in Books - **00**
- Books edited - **00**
- Books with ISBN with details of publishers - **05**

Sr. No	Title	Name Of First Author	Name Of Co-Author	ISSN No.
1	Serum ferritin as an oxidant in Acute Myocardial Infarction	Dr Priti V Puppalwar		LAP LAMBERT, 2013
2	Protein and Sialic Acid in Sperms/ Scholars Press, 2015	Dr. Meghali Kaple		978-3-639-76128-3
3	A Study Of Oxidative Stress And Antioxidant In Diabetic Retinopathy"/ Google Scholars, 2015	Dr Anjali Ambadas Vagga,	Dr Anita Chalak	978-3-639-76358-4
4	Comparative Study of dystipidamia in type 2 Diabetes Mellitus DM/Scholars Press, 2015	Dr. Surybhan Lokhande		978-3-639-85933-1
5	Hemodialysis Vs peritoneal dialysis on lipid profile in CKD patients	Dr. Ashish Anjankar		IBSN-978-3-659-84296-2

\*Number listed in International Database

(Fore.g. Web of Science Scopus, Humanities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, Medline, etc.)

- Citation Index – Average : 9
- SNIP : 1.08
- SJR : 0.887
- Impact Factor – Average : 3.2
- h-index : 8

**23. Details of patents and income generated**

Patent/ Copyright	Income Generated
Early Research Exposure	Free

**24. Areas of consultancy and income generated :Nil**

**25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad**

Name of Faculty	Visitto other laboratories / institutions / industries in India
Dr. Archana Dhok (Khursade)	MCI observer for basic course in Medical education at Nagpur

**26. Faculty serving in**

- a) National committees      b) International committees  
c) Editorial Boards          d) any other (specify)

Name of Faculty	Serving Agency/ Board/ Committee
Dr. Archana Dhok	Reviewer in Journal of Health Sciences Education
Dr. Surybhan Lokhande	Reviewer in Journal of Pharmaceutical and Biomedical Sciences

**27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).**

- **Medical Education Training**
- **Subspeciality training in National & International Institute of Prominence under eminent faculty.**
- **Active participation in various conferences, workshops, CMEs. To facilitate faculty for various fellowship programs, and PhD.**
- **By conducting regular conference, workshop, CMEs, webinars and group discussions. ALS & BLS Programme**

## 28. Student projects

- Percentage of students who have taken up in-house projects including inter- departmental projects

Course wise Students	Percentage
UG	50 %
MD/MS	100%
Ph. D	100%

- Percentage of students doing projects in collaboration with other universities/industry/ institute

**Nil**

## 29. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows
- Students

Faculty	Names	Awards / recognitions
Dr Anita Chalak kale	BASIC COURSE IN MEDICAL EDUCATION AT N.K.P. SALVE MEDICAL COLLEGE NAGPUR	MCI OBSERVER
Dr Priti V Puppalwar	Advance course in health professional education technology 01/01/2014	BEST POSTER AWARD
Dr. Ashish Anjankar	Award in the faculty of medicine	Best teacher Award
Dr. Ashish Anjankar	state level AMBI-BIOCON 2015 Mumbai	1st prize in poster presentation
Dr. Archana Dhok	in 4th hostel award ceremony 2015-16	Token of Appreciation
Dr. Archana Dhok	academic and administrative contribution in 4th FIME 2016	Letter of Appreciation
Dr. Ashish Anjankar	Award in the faculty of medicine	Best teacher Award
Doctoral / post doctoral fellows	-	-
Students		
Ms. Shivani & Ms. Kanchi	Vidarbha Level Quiz -2016	4 <sup>th</sup> Position
Ms. Priyal & Ms. Kritika	Vidarbha Level Quiz -2017	3 <sup>rd</sup> Position



30. Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.

Seminars/ Conferences/Workshops	Funding - National/International	Outstanding Participant
Workshop on Research Methodology	National	30

31. Code of ethics for research followed by the departments

**Yes, All research Projects are undertaken after the approval of Institutional Ethical Committee, and Animal Ethical Committee and the guidelines of institutional IPR policy are strictly adhered to.**

32. Student profile program-wise:?

Name of the Program (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
MBBS	As Per NEET	87	113	89%	97.35%
PG	As Per NEET	Nil	Nil	--	--

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MD	00	34%	66%	00
PhD	00	50%	50%	00

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.:

**Nil**

**35. Student Progression:**

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	<b>53%</b>
PG to M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>3%</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campusselection	<b>24%</b>
• Other than campusrecruitment	<b>7%</b>
Entrepreneurs	<b>12%</b>

**36. Diversity of Staff**

<b>Percentage of faculty who are graduates of the same university</b>	<b>--</b>
of the same university	<b>00</b>
from other universities within the State	<b>100 %</b>
from universities from other States	<b>--</b>
from universities outside the country	<b>--</b>

**37. Number of faculty who were awarded M. Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period:**

Name of the Faculty	Awarded with M.Phil, DM, M Ch, Ph.D., D.Sc. and D.Litt.
Dr. Anita Chalak	M.Phil
Dr. Archana Dhok	M.Phil

**38. Present details of departmental infrastructural facilities with regard to**

- Library : Yes (165 books), Journals - 05
- Internet facilities for staff and students : Yes
- Total number of classrooms : 03
- Class rooms with ICT facility and 'smart' class rooms : 03
- Students' laboratories : Yes
- Research laboratories : Yes

**39. List of doctoral, Post doctoral and Research Associates**

- i. from the host institution/university
- ii. from other institutions/universities

	Doctoral Students	Post doctoral	Research Associates
from the host institution/university	02	--	--
from other institutions/universities	01	--	--

**40. Number of post graduate students getting financial assistance from the university. Research Grants list**

Name of the Student	Financial Assistance Amount from university. Research Grants
Dr. Sarmistha Sarkar	Intramural Funding Rs. 25000/-
Dr. Yogita Dubey	Intramural Funding Rs. 25000/-

**41. Was any need assessment exercise undertaken before the development of new program(s) ? If so, highlight the methodology.**

**Yes, need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis , user analysis and work analysis.**

**42. Does the department obtain feedback from**

- a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

**Yes, The Feedback from faculties are utilized for development, designing and updation of curriculum and syllabus.**

- b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

**Yes, The Feedback from students are utilized for improvement of performance of the staff and updation of curriculum.**

- c) Alumni and employers on the programs offered and how does the department utilize the feedback?

**Yes, The Feedback from them are utilized for identification of needs for development, designing and updation of curriculum and syllabus.**

43. List the distinguished alumni of the department (maximum 10)

Name of the distinguished alumni	Presently Working as
Dr. Meghali Kaple	Assistant professor

44. Give details of student enrichment programs (special lectures/workshops/seminar) involving external experts. : **CME / Guest lecturers/seminars**

- **CME,**
- **PG convention- Received Best oral & Best poster**
- **Participation of UG students in regional Quiz.**
- **Participation of PG students in state level Quiz.**

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

- **Didactic lectures**
- **PBL**
- **ITP**
- **Tutorials**
- **Demonstration**
- **Seminars**
- **Practical**
- **One-to-one tutoring Home Assignments**
- **Projects**
- **CBL**
- **Inquiry based learning (IBL)**

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

- **Academic Appraisal programme**
- **Log Books**
- **Student Feedbacks**
- **Formative assessments**
- **Preceptor ship**

**47. Highlight the participation of students and faculty in extension activities.**

Students – Posting in the Dept. of CHCP, CSL, Central Lab, Student Welfare Unit,

**Faculty extension activities.**

<b>Sn</b>	<b>Name of the Faculty</b>	<b>Extension Activities</b>
1	Dr Ajay Meshram:	Study name: ODYSSEY OUTCOMES <ul style="list-style-type: none"> <li>• Principal Investigator: DrGajendraManakshe</li> <li>• Investigation validation: Dr Ajay Meshram(CCL)</li> </ul>
		Member of Anti- Ragging Squad
		Member Institutional Women Forum
		Chairman DCC (Departmental curriculum committee)
2	DrArchanaDhok:	National faculty of nodal center
		Communication Skill Lab Lectures
		Member DCC (Departmental curriculum committee)
		Editorial board member of JHSE
		Member of Department of Curriculum SHPER
		Member of evaluation committee for best room award in Hostel
		Member of Anti- Ragging Squad
		Facilitator for CPR training
3	Dr. SuryabhanLokhande	Member DCC (Departmental curriculum committee)
4	Ms. Anjali Vagga	Incharge Clinical biochemistry Lab
		Member DCC (Departmental curriculum committee)
5	DrMeghaliKaple:	Subject expert in Scientific Scrutiny committee
		Member of Anti- Ragging Squad
		Communication Skill Lab Lectures
6	Dr Ashish Anjankar:	Member of Exam cell
		Member Sexual harassment Prevention cell
		Member of Anti- Ragging Squad
		Member DCC (Departmental curriculum committee)
		Facilitator for CPR training
		Member Institutional forum for women
		Consultant for Tribal Health Research Initiative

49. Give details of “beyond syllabus scholarly activities” of the department.

**Electives/ student exchange/ Conferences /Quizes/ village and community experiences / telemedicine / IPR**

- ICMR STS projects guided by faculty
- Members of editorial board
- Research consultancy
- Involvement in SHPER and Nodal Center
- IPR: copyright: Dr. Meghali Kaple
- Invited editorials: Dr. Archana Dhok, Dr. S. Lokhande
- Facilitators in communication skills
- Communication skills

50. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details.

**External Quality Control: CMC Vellore**

51. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

**New Practices based on research findings /copyright / ICT based /clinical applications/innovations. (bed to lab and lab to bed)**

**52. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

<b>Strength</b>	<b>Weakness</b>	<b>Opportunities</b>	<b>Challenges</b>
<p><b>1.Academics</b>            ✓ Faculty trained in Medical education as expert/ national consultants and guide.</p> <p>✓ Quality teaching – Newer innovative methodology has been implemented in the form of PBL, ITP, OSPE, Immediate test, case based Teaching, project based learning , learning.</p>	<p>Reduced no of takers for Postgraduate program ( National Scenario)</p>	<p>✓ Faculty exchange programs.</p> <p>✓ Enrolment of PhD.</p> <p>✓ Focus on learner centered strategies and integrated approach.</p>	<p>✓ Non takers for PG seats</p>
<p><b>2.Laboratory services</b>            ✓ Well-equipped laboratory.            ✓ Quality services ,Quality control- daily internal quality control &amp; monthly external quality control (CMC Vellore) is carried out- Good</p>	<p>skill training of junior faculty</p>	<p>✓ Improve the quality to make the lab as center of excellence.</p> <p>✓ NABL Accreditation</p> <p>✓ Dry Biochemistry lab. Establishment</p>	<p>Develop Lab. into financial viable high ended laboratory</p>
		<p>✓ Training of faculty in molecular research.</p> <p>✓ Collaborative Research -interdepartmental projects - inter institutional project</p> <p>✓ Focus on funded projects.</p>	<p>Training of faculty for High ended Biochemistry dispensations.</p>

53. Future plans of the department.

<b>Plan</b>
<b>Efforts to upgrade the Central Clinical Laboratory to NABL standards. Develop LAb. with High ended Molecular and biochemical facilities.</b>
<b>Develop Collaborations and MoU and undertake focussed researches original work.</b>

-----



## Evaluative Report of the Department

1. Name of the Department : Pharmacology
2. Year of establishment : 1990
3. Is the Department part of a college/Faculty of the university? : Part of college
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

**UG (MBBS),  
PG (MD- Pharmacology),  
Fellowship in TDM, Ph.D.**

5. Interdisciplinary programs and departments involved 01
6. Courses in collaboration with other universities, industries, foreign institutions, etc. 01
7. Details of programs discontinued, if any, with reasons

**NIL**

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

**UG - Semester,  
PG - Annual,  
Fellowship - Choice based**

9. Participation of the department in the courses offered by other departments Dental (BDS, MDS), B.Sc. Nursing, Physiotherapy.

**NIL**

**10.** Number of teaching posts sanctioned, filled and actual  
(Professors/Associate Professors/Asst.Professors/others)

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (Including CAS &amp; MPS)</b>
Professor	1	1	3
Associate Professor/Reader	2	2	2
Assistant Professor	3	3	2
Lecturer	-	-	-
Tutor / Clinical Instructor	4	4	11
Senior Resident			

**11.** Faculty profile with name, qualification, designation, area of specialization, experience and research underguidance

Name	Qualification	Designation	Specialization	No of years of experience
Dr. S.S.Pathak	MBBS, MD, Ph.D.,M.Phil. in HPE, FIPS, DACM,IDCR	Professor & Head	Pharmacology	13
Dr. R.K.Jha	MBBS, MD, M.Phil	Professor Pharmacology & Director Students Welfare	Pharmacology	27
Dr. S.Totade	MBBS, MD	Professor	Pharmacology	14
Dr. A. Jha	MBBS, DMRT,MD	Associate Professor	Pharmacology	10
Dr. S.Jogdand	MBBS, MD, M.Phil	Associate Professor	Pharmacology	11
Dr. ShaileshNagpure	MBBS, MD	Assistant Professor	Pharmacology	4
Dr. VarshaLamture	MBBS, DCH,MD	Assistant Professor	Pharmacology	1.5

**12.** List of senior Visiting Fellows, adjunct faculty, emeritusprofessors

Name of faculty	Type
DR.S.P.DHANERIA, Professor & Head Pharmacology, AIIMS, Raipur (CG)	Adjunct Faculty
DR.S.S.PATEL	Emeritus Professor

**13.** Percentage of classes taken by temporary faculty – program-wise

information **Nil**

**14. Program-wise Student TeacherRatio**

Courses	Ratio
MBBS	28:1
MD	1:1
PhD	5:1
Fellowship	2:1

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Sn.	Designation	Sanctioned	Filled	Actual
1.	Technical Staff	1	1	1
2.	Administrative Staff (Clerk, Attendant, Sweeper)	5	5	5

**16. Research thrust areas as recognized by major funding agencies**

**Antibiotic Stewardship program : Indian Council of Medical Research**

**Adverse Drug Reaction Monitoring : Pharmacovigilance Programme of India**

**Reverse pharmacology : AYUSH**

**17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.**

No of Faculty	Name & Type of funding agency	Project title	Grant received
01	ICMR (National)	Antibiotic Stewardship program	Grant Awaited
01	PVPI (National)	ADR monitoring	Grant Awaited

**18. Inter-institutional collaborative projects and associated grants received**

Project title	Collaborative agency	Grant received
NIL	NIL	NIL

**19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

Project	Funding Agency	Guide	Investigator	Grant Received
ICMR STS 2015 REF NO 2015-00052	ICMR	Dr.R.K.Jha	PurvaSharma	10,000/-
ICMR STS 2014 REF NO 2014-01278	ICMR	Dr.R.K.Jha	PurvaSharma	10,000/-

**20. Research facility / centre with**

- State Recognition : NIL
- National Recognition : 2 (ADR Monitoring ,Antimicrobial Stewardship Program)
- International Recognition : NIL

**21. Special research laboratories sponsored by / created by industry or corporate bodies **TECHNO Electronics : Preclinical Psychopharmacology Lab****

**22. Publications: (List of Details is Annexed)**

- Number of papers published in peer reviewed journals (national/international) 34
- Monographs 1
- Chapters in Books 2
- Books edited 1
- Books with ISBN with details of publishers

Book	Author	ISBN NO
Antisnake venom property of plant Andrographis Peniculata	DrSwanand S Pathak	Lambart academic publishing , ISBN -10: 3659177385, ISBN -13: 978-3659177385,
Antioxidants in health and disease	DrSwanand S Pathak Dr S S Patel	Lambart academic publishing , ISBN – 978-3-659-43555-3, pages 104.
Gandhian thoughts for MGIMS entrance examination	DrSwanand S Pathak	CBS publishers new Delhi , ISBN 978-81-239-2515-8.
JANA GANA MANA as it is ,	DrSwanand S Pathak	University publication, DattaMeghe Institute of Medical Sciences , Sewagram.
TRAVEL INTO TRANCE	DrSwanand S Pathak	Partridge India publications , ISBN 978-1-4828-1066-0.
History of medicine including ayurveda , nursing , dentistry and homeopathy disease	DrSwanand S Pathak	Lambart academic publishing , ISBN – 978-3-330-04964-2.

- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline,etc.)
- Citation Index : 4
- SNIP : 0.77
- SJR : 0.3
- Impact Factor : 0.75
- h-index : 4

### 23. Details of patents and income generated

Patents / copy rights	Income generated
AYURVEDIC OINTMENT FOR THE TREATMENT OF BURNS it is published in the gazette of patent office.	NIL
Pathak Chimurkar method of recording attendance and attendance based learning	Free
Pathak vaghamishraalgorith for need based assessment in health professionals education	Free
SOP for attendance cell functioning (applied)	Free

24. Areas of consultancy and income generated

**Preclinical toxicology studies for drug industry (Income generated Rs30,000)**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Sr. No.	Name of Faculty	Selection to visit the laboratory
1	Dr S S Pathak	CIIMS Nagpur
2	Dr S S Pathak	NEERI Nagpur
3	Dr. S. Nagpure	KEM Mumbai , TDM lab

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (specify)

Name of faculty	Serving agency /board / committee
Dr. Swanand S Pathak :	Associate Editor JHSE (Journal of health sciences education )
Dr.R.K.Jha	Associate editor journal of pharmaceutical education and research

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

- **Medical Education Training**
- **Subspeciality training in National & International Institute of Prominence under eminent faculty.**
- **Active participation in various conferences, workshops, CMEs. To facilitate faculty for various fellowship programs, and PhD.**
- **By conducting / attending conference, workshop, CMEs, webinars and group discussions**
- **ALS & BLS Programmes**

28. Studentprojects

- percentageofstudentswhohavetakenupin-houseprojectsincludinginter-departmental projects
- percentage of students doing projects in collaboration with other universities / industry / institute

Course	Percentage
UG	1
PG	100
Fellowship	100
PhD	100

29. Awards / recognitions received at the national and international levelby

- Faculty
- Doctoral / post doctoralfellows
- Students

	Names	Awards / recognitions	Award
Faculty	DrSwanand S Pathak	Fellowship of Indian pharmacological society	National
	Dr A Jha	First prize in intercollegiate debate and essay competition	National
	DrShaileshNagpure	Best paper award for paper presentation at XI annual international conference of geriatric society of India GSICON 2014	National
Students	Dr.PriyankaAglawe	Scholarship prize for the scientific paper presentation at pharmacology conference Mumbai	National
	Dr.Maheshkumar Jain	First prize in the Japanese language paper	National
	DrSohin , DrDiptendu	First prize in national PG quiz competition MGIMS Sewagaram	National
	Miss Purva Sharma	Best paper award at international conference Bangalore	National

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Seminars /conf / workshops	Funding national international	Outstanding participant
CME on technology in health .	Intramural funding	-
CME on immunology	Intramural funding	-
CME on AIDS	Intramural funding	-
CME on history of medicine	Intramural funding	-
CME on socio therapeutic aspects of depression	Intramural funding	-

31. Code of ethics for research followed by the departments

**Yes, All research Projects are undertaken after the approval of Institutional Ethical Committee, and Animal Ethical Committee and the guidelines of institutional IPR policy are strictly adhered to.**

32. Student profile program-wise : As per Annexure

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	As Per NEET	87	113	89%	97.35%
PG	As Per NEET	00	00	--	--

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other Universities Within the State	% of students from universities outside the State	% of students from other countries
Fellowship of therapeutic drug monitoring	--	100 %	--	NIL
MD Pharmacology	--	80%	20%	NIL

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

**53 Students**



**Nil**

35. Student progression

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	<b>53%</b>
PG to M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>3%</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed <ul style="list-style-type: none"><li>• Campus selection</li><li>• Other than campus recruitment</li></ul>	<b>24%</b> <b>7%</b>
Entrepreneurs	<b>12%</b>

36. Diversity of staff

Percentage of faculty who are graduates of the same university	NIL
from other universities within the State	60 %
from universities from other States	40%
from universities outside the country	NIL

37. Number of faculty who were awarded M.Phil., DM, MCh, Ph.D., D.Sc. and D.Litt. during the assessment period

Name of faculty	Awarded with
Dr Swanand S Pathak	Ph.D., M.Phil
Dr. R. K. Jha	M.Phil
Dr Sangeeta Jogdand	M.Phil

38. Present details of departmental infrastructural facilities with regard to

- a) Library Available, **Total 252 Books**
- b) Internet facilities for staff and students **Available**
- c) Total number of classrooms **3**
- d) Class rooms with ICT facility and 'smart' class rooms **Available**
- e) Students' laboratories **3**

39. List of doctoral, post-doctoral students and Research Associates

	Doctoral	Post doctoral	Research associates
from the host institution/university	05	NIL	NIL
from other institutions/universities	02	NIL	NIL

40. Number of post graduate students getting financial assistance from the university. 03

Number of the student	Financial assistance
03	Rs. 35,000

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

**Yes, need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis , user analysis and work analysis.**

42. Does the department obtain feedback from

**a** faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?:

**Yes, The Feedback from faculties are utilized for development, designing and updation of curriculum and syllabus.**

**b** students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?:

**Yes, The Feedback from students are utilized for improvement of performance of the staff and updation of curriculum.**

**c** alumni and employers on the programs offered and how does the department utilize the feedback ? :

**Yes, The Feedback from them are utilized for identification of needs for development, designing and updation of curriculum and syllabus.**

43. List the distinguished alumni of the department (maximum 10)

<b><u>Name of Alumni</u></b>	<b><u>Presently working as</u></b>
Dr. A.Jha	Associate Professor JNMC
Dr.N D Pise	HOD , Pharmacology,Medical college dhule
Dr. TR Shende	Associate Professor , LataMangeshkar medical college
Dr. LeenaChimurkar	Assistant Professor MGIMS
Dr.AnitaYuwnate	Assistant Professor GMC ,Akola
Dr.Tabish Ahmed	Assistant Professor GMC ,Jagdalpur.
Dr. NitibhushanChandel	Associate Professor Index medical college Bhopal
Dr. Reena R Giri	Assistant Professor GMC ,CMC , Durg
Dr. B. P. Kale	Associate Professor, Mahatma Gandhi Mission Medical College, Igatpuri
Dr. Mrs. M. Borkar	Assistant Professor, PanjabraoDeshmukh Dental College, Nashik
Dr. Kiran R Giri	Assistant Professor GMC ,CMC , Durg
DrVaibhav Gupta	Assistant Professor, Krishna institute of medical sciences ,Bhilai
Dr. SagarRaut	Assistant Professor, medical college, Bhopal

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

<b>CME</b>
CME on technology in health .
CME on immunology
CME on AIDS
CME on history of medicine
CME on socio therapeutic aspects of depression
<b>WORKSHOP</b>
Clinical pharmacology
<b>LECTURE</b>
Experimental pharmacology

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.
- PBL,
  - Capsulated teaching
  - Problem Based ITP,
  - Remedial teaching
  - Interactive seminars,
  - Modified tutorials,
  - Monograph
  - Quiz,
  - Short term research project
  - Charts on clinically relevant topics
  - Home assignments
46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?  
**Marker point analysis in AAP : Logbooks , Student feedbacks and formative assessments**
47. Highlight the participation of students and faculty in extension activities.

<b>Extension activities</b>	<b>Participation by faculty</b>	<b>Beneficiaries</b>
Youth empowerment program	DR R K JHA	86
Yog pranayama adhyayanshivir	DR R K JHA	49
Awareness about ebola virus	DR. S S PATHAK	100
Life style modifications for adolescences	Dr R K Jha	156
Change in environment by change in behaviour	Dr R K Jha	58

48. Give details of “beyond syllabus scholarly activities” of the department.
- Value education for students, teaching and non teaching staff
  - ICMR STS projects guided by faculty
  - Members of editorial board
  - Research consultancy
  - Involvement in SHPER and Nodal Center (Dr. S S Pathak: HOD Department of Research)
  - Guest lectures by Faculty: Dr. Swanand Pathak, dr. R K Jha
  - IPR: copyright: Dr. Swanand Pathak: Applied
  - Invited editorials: Dr. Swanand Pathak Dr. R. K. Jha
  - Facilitators in communication skills
  - Published Book titled ‘Gandhian thoughts for MGIMS entrance examination.
  - Communication skills (Dr. R. K. Jha)

- Convener Attendance cell: DrSangitaTotade.
- Chairman IAEC: DrSangitaTotade

49. State whether the program/ department is accredited/ graded by other agencies ? If yes, givedetails.

- **Pharmacovigilance Programme of India, (GOI)**
- **Antimicrobial stewardship programme. (ICMR)**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Developing new ointment for the treatment of burn wounds
- Standardizing and developing method for estimation of oxidative stress parameters Therapeutic drug monitoring lab

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

	<b>Strength</b>	<b>Weakness</b>	<b>Opportunity</b>	<b>Challenges</b>
Academics	Faculty : 80% staff with additional qualifications. Expertise in training of teachers all faculty with basic course of MET Two with advance course of MET	No collaborations with foreign universities	Scholarly works	collaborations with foreign universities in years to come
Administration	Faculties with chief administrative responsibilities  Crl Pharmacovigilance Students Welfare E Cmes Clinical Trials Committee Intituitionalanimal Ethics Committee Institutional Ethicscommittee Preceptorship Programme Students Guidance Clinic Attendance Cell Exam Cell Drug And Therapeutic Committee	Multitasking	Platform for national and international consultancy services	Effective time management and multitasking skills

Research and collaboration	<b>Intellectual Property rights:</b> copyright: 2 <ul style="list-style-type: none"> <li>• Applied 1</li> <li>• Filed Patent :1</li> </ul>	No international collaborations	International MOUs	To be a centre of excellence in pharmacology with international collaboration.
Laboratory services:	1. TDM Lab TDM Lab caters to: TDM of antiepileptic drugs ( phenytoin , carbamazepine , valproate , lamotrigine ) Digoxin Lithium Theophylline Animal House catering to All the constituent colleges of DMIMS To other institute as the supply of laboratory animals	No phase I study laboratory	Application for research grants.	To develop phase I studies clinical laboratory

52. Future plans of the department

- Development of Psychopharmacology lab
- Publications in the high impact factor journals
- International collaborations
- ADR reporting training program for the faculties
- Population Pharmacokinetic studies
- Computer assisted learning with simulation
- Pharmacogenomics

-----

## Evaluative Report of the Department of Pathology

1. Name of the Department : **Pathology**
2. Year of establishment : **1990**
3. Is the Department part of a college / Faculty of the university? -Yes
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

At UG Level: M.B.B.S

At PG Level: M.D. (Path), PhD (Pathology),

Fellowship in Cytopathology,

Fellowship in Intra-operative diagnosis,

5. Interdisciplinary programs and departments involved : 2
6. Courses in collaboration with other universities, industries, foreign institutions, etc. 2
7. Details of programs discontinued, if any, with reasons

Nil



8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

UG:Semester

PG:Annual

Fellowship : CBCS

9. Participation of the department in the courses offered by other departments  
BDS, MDS

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst.Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	02	02	07
Associate Professors	07	03	03
Asst. Professors	05	05	05
Others			
BTO	01	01	01
Demonstrator	07	07	22

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance:

Sr. No	Name	Qualification	Designation	Specialization	No. of Years of Experience
1	Dr. A.S. Bhake	MD	Professors & H.O.D.	Pathology	32 Yr 03 Month
2	Dr. S.J. Vagha	MD	Professor	Pathology	29 Yr 10 Month
3	Dr. R.P. Kadu	MD	Professor	Pathology	29 Yr 01 Month

4	Dr. A.K. Agrawal	MD	Professor	Pathology	26 Yr 01 Month
5	Dr. K.M. Hiwale	MD	Professor	Pathology	26 Yr 01 Month
6	Dr. S. A. Shukla	DPB, DNB & MD	Professor	Pathology	19 Yr 01 Month
7	Dr. J.S. Makarande	MD	Asso. Professor	Pathology	22 Yr 02 Month
8	Dr. P. Dawande	MD	Asso. Professor	Pathology	36 Yr 01 Month
9	Dr. V. Gupta	MD	Asso. Professor	Pathology	07 Yr 11 Month
10	Dr. A. D.Thakre	MD	Assitant Professor	Pathology	11 Yr 10 Month
11	Dr. A. Kediya	MD	Assistant Professor	Pathology	08 Yr 09 Month
12	Dr. ObaidNaman	MD	Assistant Professor	Pathology	03 Yr 09 Month
13	Dr. A. Tamhane	MD	Assistant Professor	Pathology	03 Yr 09 Month
14	Dr. S.Bahadure	MD	Assistant Professor	Pathology	03 Yr 09 Month
15	Dr. S. Chaware	MBBS	B.T.O.	Pathology	08 Month

12. List of senior Visiting Fellows, adjunct faculty, emeritusprofessors

Adjunct faculty

1. Dr. Arun Kumar , Professor, IISc ,Bangalore
2. Dr. Sudhir Krishna , NCBS ,Bangalore
3. Dr. Mrs. Shrivastava ,Bhopal

13. Percentage of classes taken by temporary faculty – program-wise information

Nil

14. Program-wise Student Teacher Ratio

UG – 5.5:1, Fellowship – 2:1, PhD - 5:1.  
PG – 1:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

	Sanction	Filled	Actual
Technical Staff	04	04	05
Administrative staff	06	06	06

16. Research thrust areas as recognized by major funding agencies

- Tuberculosis
- Cancer cell biology
- Molecular diagnosis
- Tumor markers ( Tissue & serum)
- Leprosy
- Hemoglobinopathies and transfusion medicine.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

a. National

02 Faculty (Applied for funding agency RNTCP 2015, 2017) \*

b. International funding agencies

01 Faculty (grants from ISID, 2014-2015)

c. Total grants received.

7,000 US\$

Give the names of the funding agencies, project title and grants received project-wise.

Sr. No	Project Title Applied (old ** Recent ***)	Funding Agencies	Grants
01.**	Tubercular lymphadenopathy & PCR in fine needle aspirates (International) (2014-2015)	ISID (USA)	7,000 US\$
02.**	Hematological profiling in tuberculosis (National) (2017)	RNTCP	Rs. 1 Lac (Applied)
03.***	Immunoglobulin profile in extra pulmonary tubercular (National) (2017)	RNTCP	Rs. 2 Lac (Applied)

18. Inter-institutional collaborative projects and associated grants received :

National collaboration - 1. IPER - 05 Clinical Experimental Trials till 2017.

01	Protective effects of Hydroxychloroquine and Atorvastatin combination in rats with non alcoholic fatty liver disease	Experimental, Pre clinical	2012 - 13
02	Protective effects of Hydroxychloroquine and Metformin combination in rats with non alcoholic fatty liver disease	Experimental	2012 - 13
03	Protective effects of Hydroxychloroquine Metformin and Atorvastatin combination in rats with non alcoholic fatty liver disease	Experimental	2012 - 13
04	Effect of Hydroxychloroquine and Losartan combination on streptozotocine induced Diabetic Nephropathy.	Experimental	2014 - 2015
05	Experimental Trial of Drug in POCD in white rat ovaries.	Experimental	2017

2. MGACH & RC -2 Clinical Experimental Trials till 2017.

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.:

- UG-ICMR-03,DMIMS(DU)(ICMR-STs)-06(2013-2017)TotalGrants–Rs.90,000.00
- PG – DMIMS (DU) – 07(2013- 2017) Total Grants –Rs. 1,05,000.00
- PhD- DMIMS (DU)-) 01 (2013- 2017) Total Grants Rs. 1,00,000.00

20. Research facility / centre with

a. State Recognition

According to DMIMS (DU) MOU for Pathology related research

b. National Recognition

Recognized department for National Cancer Registry , cervical cancer screening program , IAC accreditation applied .

c. International Recognition

ISID (USA)

21. Special research laboratories sponsored by / created by industry or corporate bodies

Recognized by IPER and BMH & RC.(Bhopal)

Specialized microscopy laboratory

22. Publications: (List of Details is Annexed)

\* Number of papers published in peer reviewed journals (National /International)

- 2013 - 29
- 2014 - 21
- 2015 - 28
- 2016 - 33

- 2017 - 09
- Total (2013-2017) -120

*	Monographs	:	-
*	ChaptersinBooks	:	01
*	Booksedited	:	01(UnderEdition)
*	Books with ISBN with details of publishers	:	-
*	Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.):		
*	Citation Index – range/average	:	14.5
*	SNIP	:	0.732
*	SJR	:	0.479
*	Impact Factor – range/average	:	1.191
*	h-index	:	9

23. Details of patents and incomegenerated

One Patent application with BD engineering college Wardha is under Scrutiny moved by BD engineering college Wardha of Cancer Cell Morphometry.(Result awaited)

24. Areas of consultancy and incomegenerated

- External institutional consultancy provided as experts opinion infields-
  - i. Cytopathology
  - ii. Histopathology
  - iii. Hematology
  - iv. Immunocyto/histochemistry
  - v. ClinicalPathology
  - vi. Blood Banking and transfusionmedicine
- Experimental clinicaltrial

25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad

Name of Faculty	Visit to other laboratories / Institutions / Industries in India and abroad
Dr. S. Vagha	Expert in Medical Education
Dr. V. Gupta	Research in Molecular diagnosis

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (specify)

a. National committees

02

b. International committees

03

c. Editorial Boards

03

Editors:

- Dr. Arvind Bhake – Executive editor , JNRP
- Dr. Arvind Bhake – Executive editor , JCMD
- Dr. Arvind Bhake – Editor in chief , JDMIMSU
- Dr. Arvind Bhake – Review work , BMJ & Others

d. Any other (please specify)

**Involvement of Faculty in Various activities, organizing committee member**

Sr. No	Faculty	Various activity , Organizing committee member
--------	---------	--

01	Dr. A. Bhake	Editor -In-chief , JDMIMSDU, Editor JNRP, JCMD President , SRS , DMIMSDU Chairman , CPC , JNMC Professor In-charge , CIRC , DMIMSDU Professor In-charge , Publications, DMIMSDU Member , RGC , DMIMSDU Secretary , MRC , AVBRH Member , Tumor Board , AVBRH Chairman , BOS ( Pathology ) , DMIMSDU Co-ordinator , Preceptorship 2nd phase MBBS Chairman – DCC Chairman – Clinical laboratory services In-charge- PG Courses.
02	Dr. S. Vagha	Director, SHPE&R BOS , Dental , MHPE Criteria II NAAC – Co Convenor Member , BOS ( Pathology ) , DMIMSDU Member – DCC Professor & In-charge , Histopathology
03	Dr. N. Samal	Member , BOM , DMIMSDU Member , BOS ( Pathology ) , DMIMSDU Member – DCC Professor & In-charge, CCL.
04	Dr. A. Agrawal	Member , BOS ( Pathology ) , DMIMSDU Member – DCC Professor & In-charge , Hematology and CCL In charge Dental Course.
05	Dr. K. Hiwale	Member , BOS ( Pathology ) , DMIMSDU , Local transfusion committee Member – DCC Professor & In-charge , Blood Bank Incharge – Nursing Course.



06	Dr. S. Shukla	Member – Editorial Board Member – IEC – Scrutiny committee Member - BOS ( Pathology ) , DMIMSDU Member – RC , Student welfare association , Alumni , Library committee In-charge - Tissue Committee , AVBRH Member – DCC Professor & In-charge , Frozen Section.
07	Dr. P. Dawande	Member BOS (Pathology ) , DMIMSDU Member – DCC In-charge , Haematology In- Charge- UG Practicals
08	Dr. V. Gupta	Member BOS (Pathology ) , DMIMSDU Member – DCC In-charge , Immunopathology, Autopsy, Research and Quality Control

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

#### **Medical Education Training**

**Subspeciality training in National & International Institute of Prominence under eminent faculty.**

**Active participation in various conferences, workshops, CMEs.**

**To facilitate faculty for various fellowship programs, and PhD.**

**By conducting regular conference, workshop, CMEs, webinars and group discussions.**

28. Student projects

Percentage of students who have taken up in-house projects including inter-departmental projects : UG - 02 + 02 + 02 + 03 + 07(2013-2017)

PG – 100%, PhD – 100%

Percentage of students doing projects in collaboration with other universities / industry / institute : Nil

29. Awards / recognitions received at the national and international levelby

- Faculty : 01
- Doctoral / Post doctoral fellows : 01
- Students PG : 4+3+3+4+2(2013-2017)

	Names	Awards / Recognitions
Faculty	Dr. Vivek Gupta	17th International TB Congress Conference , Hyderabad - 02 to 05 March – 2016
Doctoral / Post Doctoral fellows and Students	Dr. P. Sahu	1 <sup>st</sup> Award Oral Paper presentation on First Annual National Conclave On Post Graduate Education In Pathology - 16 <sup>th</sup> – 18 <sup>th</sup> August, 2013.
	Dr. PriyaSahu	Immunohistochemical analysis of ER PR and HER 2 Neu in invasive breast carcinomas. NCPEP ‘ 2013
	Dr. RuchaPuranik	Diagnostic utility of auraminerhodamine staining on cell block of suspected cases of tubercular effusion NCPEP ‘ 2013
	Dr. DipshaKriplani	Association of estimated average glucose levels with plasma glucose levels in diabetic patients. NCPEP ‘ 2013
	Dr. Amrita Sao	International CME in Pathology Histopathology & Cytopathology , Goa , 05th February to 07th February 2015
	Dr. Anuja Mishra	NIMACON , September 2015
	Dr. MonalChoudhary	Update on prevention diagnosis and Management on Carcinoma Cervix and workshop on Colposcopy - 01 Aug 2015
	Dr. ShwetaDhote Dr. AnkitaTamhane	Maharashtra State Level Late Smt. UrmiladeviShrivastava Pathology PG Quiz - 22 Jan 2016
	Dr. Amrita Sao	Paper Presentation – 2 <sup>nd</sup> Award Position , International Cancer Congress , India
	Dr. Shanu Gupta Dr. Anuja Mishra	3 <sup>rd</sup> Prize - State Level VAPM Pathology PG Quiz - 25 Jan 2017

30. Seminars/ Conferences / Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- CME on Hematology – January 2013
- National Conclave on Postgraduate Education in Pathology - August 2013
- CME – Endometrial pathology - December 2014 - DMIMS(DU)
- Unique Endometrial pathology cases - Microscopy & discussion - December 2016
- Quiz – State level VAPM Pathology PG Quiz. – February 2017

31. Code of ethics for research followed by the departments:

As per Institutional Ethics Committee, Animal ethics committee and scientific scrutiny committee DMIMS (DU).

32. Student profile program-wise : Result 2<sup>nd</sup> MBB Subject in Pathology

Name of the Programme (refer to question no. 4)	Applications received	Selected		Total Pass percentage	
		Male	Female	Male	Female
UG	-	87	113	89%	97.35%
PG	-	00	07	--	--

33. Diversity of students

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MD ( Pathology)	33	33	29	10
2 <sup>nd</sup> MBBS – 2015 - 16	200	76	94	30
	100%	38%	47%	15%

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.:

<b>117 Students</b>
---------------------

35. Student progression

Student progression	Percentage against enrolled
UG to PG	53%
PG to M.Phil.	8%

PG to Ph.D.	3%
Ph.D. to Post-Doctoral	Nil
Employed	24%
Campus selection	7%
Other than campus recruitment	
Entrepreneurs	12

36. Diversity of staff

<b>Percentage of faculty who are graduates</b>	
of the same university	41.1%
from other universities within the State	52.9%
from universities from other States	5.8%
from universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period:

PhD - 01 (Dr. Vivek Gupta)
----------------------------

38. Present details of departmental infrastructural facilities with regard to

- a) Library : Yes
- b) Internet facilities for staff and students : Yes
- c) Total number of Demo/Seminar rooms : 02 + 01

- d) Class rooms with ICT facility and 'smart'classrooms : 02
- e) Students'laboratories : 02
- f) Researchlaboratories : 01 +05

39. List of doctoral, post-doctoral students and Research Associates

from the hostinstitution/university

- Dr. S.Shukla
- Dr. P.Dawande
- Dr. V.Gupta
- Dr. S.Beleskar

from other institutions/universities–

- Dr. S.Mishra

40. Number of post graduate students getting financial assistance from theuniversity.

07
----

41. Was any need assessment exercise undertaken before the development of new program(s)?  
If so, highlight themethodology.

<b>Yes</b>
Need assessment exercise is undertaken before the development of new program using the Pathak , Vagha , Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis, user analysis and workanalysis.

PG :

- Development of writing skill in theory doctoral level examination - necessitated by sub optimal performance at theory writing at university exam
- Development of psychomotor skills at practical doctoral level examination- necessitated by sub optimal performance at practical university exam.
- Self directed study
- Exposure to Technical Developments in Diagnostics.
- Development of Concepts and new insights in Pathogenesis and Diagnosis of diseases

UG :

- Necessitated by poor exposure to gross & microscopic finding of diseases due to time constraints in allotted hours of teaching.
- Global competency
- Changing methods and recognition of new diseases and reclassification of diseases.

42. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? -Yes
- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? -Yes
- c. Alumni and employers on the programs offered and how does the department utilize the feedback? -Yes

43. List the distinguished alumni of the department (maximum 10)

- Dr. Vivek Gupta – ICMR Travel grant to attend International conference at Paris ,2013. Melinda Gates Young Scientist Award, 2016.
- Dr. Akansha Gupta – Awarded Fellowship in Pediatric (Pathology) in UNC USA.,2013
- Dr. Priya Sahu – 1<sup>st</sup> at secondary DNB Year 2014
- Dr. Sonal Jain – 5<sup>th</sup> at secondary DNB Year 2014
- Dr. Sarandeep – Highest Marks in Theory DNB2015.
- Dr. Anupam Goyal – Fellowship TMH Year2015
- Dr. Rucha Puranik – Consultant, Lilavati,Mumbai.

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

- |  |  |
|--|--|
| <input type="checkbox"/> Dr. Tejinder Singh          | - Hematology.                          |
| <input type="checkbox"/> Dr. Archana Deshpande       | - FluidCytology.                       |
| <input type="checkbox"/> Dr. Pradeep Umap            | - Endometrialcarcinoma                 |
| <input type="checkbox"/> Dr. RasikaGadkari           | - Endometrial intra epithelialneoplasm |
| <input type="checkbox"/> Dr. AmolDongre              | - CancerChemotherapy                   |
| <input type="checkbox"/> Dr. NitinShende             | - Trepine bone marrowbiopsy            |
| <input type="checkbox"/> Dr. Mrs. MeenakshiNandedkar | - Inflammatorydermatoses               |



45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

UG :

- Didactic lecture with audio visual aids
- Demonstrative lectures
- Microteaching
- Tutorials ( theme based)
- Practical Demonstrations with Microscopic viewing and specimens
- Electronic Demonstrations and simulations.
- Museum rounds
- Problem based learning(PBL)
- Integrated teaching program(ITP)
- OSPE

PG:

- Thematic Seminar
- Technical seminar
- Case based Discussion
- Slides Seminar Divisionbased
- Journal Club
- Didactic Teaching ( basic subject learning)
- Demonstration of Techniques & Methods
- Surgical specimen / Autopsy grossing

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

UG:

- Academic appraisal program
- Review of PCT and Prelims Exams.
- Preceptor-ship Program
- Undergraduate Quiz
- Encouragement to participate in medifest , undergraduate symposium , seminars & conferences.
- ICMR Short term student fellowship.
- Undergraduate collegesymposium

PG:

- Departmental Meetings with PG students and facultyseparately
- Post Graduate activity schedule and attendancerecord
- GrandRounds.
- Post graduates studycircle
- Log book improvementreview
- Question aweek
- Interactive microscopy sessions in variousdivision.
- Suggesting interesting research & review articles to thestudents.
- Clinico pathologyconferences
- Staff research societyactivity

47. Highlight the participation of students and faculty in extension activities.

All faculty & students participated in extension activities apart of routine teaching, academic , hospital services , research & administrative work as below

- Multi diagnostic health camp in rural and urban area
- Cancer cervix screening program
- Blood donation drive
- Sickle cell screening
- Various hospital activities such as health breast cancer screening & ADHAR schemes

48. Give details of “beyond syllabus scholarly activities” of the department.

- Postgraduate study circle
- Objective of this meeting is inter students exchange of knowledge, ideas, information , skills . Its feedback is regularly obtained & utilized for arranging postgraduate activities and lectures.
- Research Methodology in publication for journals
- UG & PG orientation program ( Organization and delivery of talk)
- ICMR STS Projects (Extramural and intramural).
- Organization of CME workshops and conferences & Participations.
- Second opinion on difficult referred to diagnose cases.
- Participation of faculty as office bearers and members in activity of staff research society , clinico pathological conference , Research guidance clinic , central research plan and postgraduate quiz.

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

Yes (MCI) UG & PG Courses

Accreditation of laboratory AIMS, New Delhi. And ISO

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Endoscopy guided FNAC of deep nasal masses.
- Proctoscopy visualized FNAC of rectal masses..
- E Question Bank , LRM ,LRM Copyrights
- Generated learning material
- Publication in offering of UG practical manual.
- Creation of new modalities of teaching and learning at PG such as Question a week , fill gap seminars, postgraduate proficiency workshops, postgraduate study

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department

Strengths	Weakness	Opportunities	Challenges
<b>Teaching learning and evaluation</b>			
<ul style="list-style-type: none"> <li>• UG</li> <li>• Introduction of PBL</li> <li>• Introduction of integrated teaching</li> <li>• Introduction of undergraduates symposia</li> <li>• Introduction of small skill based projects</li> <li>• Introduction of home assignments (UG seminars, long question writing, lay on hands procedures of biopsy and various tests)</li> <li>• Introduction and enhancement of electronic practical demonstration</li> <li>• Augmentation of electronic museum and charge</li> </ul>	<ul style="list-style-type: none"> <li>• Symbiosis of clinical conditions and pathologic finding</li> </ul>	<ul style="list-style-type: none"> <li>• Topic based UG research projects and student fellowships</li> <li>• Development of curriculum based lecture notes of experience faculties at problem solvings</li> </ul>	<ul style="list-style-type: none"> <li>• <input type="checkbox"/> Theory and practical content to closely match and its insertion at up-date of curriculum under the prescribed norms of statutory bodies</li> </ul>

<ul style="list-style-type: none"> <li>• B. PG</li> <li>• Pioneered many firsts at PG teaching and learning</li> <li>• Introduced grand laboratory rounds</li> <li>• Introduced question a week activity</li> <li>• Introduced PG activity of techniques and methods</li> <li>• Introduced post graduate study circle</li> <li>• Introduces case based transparency seminars.</li> <li>• Daily post graduate activity</li> <li>• Hundred percent participation of PG and faculty</li> <li>• Interaction of faculty at the time of reporting of materials, conducting the test and maneuvers, autopsies</li> <li>• Participation in clinicopathologic and surgicopathologic conferences</li> <li>• Teacher directed activities</li> <li>• Adoption of PPPP model as mandatory</li> <li>• Support for research presentation at academic and research bodies at pathology and other clinical subjects</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• Model department for post graduate education</li> </ul>	<ul style="list-style-type: none"> <li>• Globally competent pathologist through periodic evaluation of syllabus content and proficiency testing to meet the upcoming challenges of perennial developments in the subject of pathology</li> </ul>
<ul style="list-style-type: none"> <li>• Faculty</li> <li>• Quality Faculty</li> <li>• Quality technical staff</li> <li>• Well trained faculty</li> </ul>	<ul style="list-style-type: none"> <li>• Motivation for skill enhancement</li> </ul>	<ul style="list-style-type: none"> <li>• Deputation of faculty for advanced training</li> <li>• Fellowship program</li> <li>• Post doctoral courses</li> </ul>	<ul style="list-style-type: none"> <li>• Awareness of recent advances in medical education and subject of speciality which can be met through reorientation courses, workshops</li> <li>• CMEs</li> <li>• and conferences</li> </ul>
<b>Research Resource and Services</b>			

<ul style="list-style-type: none"> <li>• Research and resource</li> <li>• Clinical material</li> <li>• Departmental divisions and hospital services</li> <li>• Cytochemistry</li> <li>• Basic Research facilities</li> <li>• Cancer Registry</li> <li>• Sickle cell Registry</li> <li>• Readily available research guidance</li> <li>• Daily postgraduate activity</li> </ul>	<ul style="list-style-type: none"> <li>• Funded Projects</li> <li>• Motivation for scientific paper writing</li> </ul>	<ul style="list-style-type: none"> <li>• Developing a setup for advanced Pathology services &amp; research laboratory collaboration</li> <li>• Molecular pathology division.</li> <li>• Application for funded project</li> <li>• Institutional linkages and MOU</li> <li>• National and international researcher</li> </ul>	<ul style="list-style-type: none"> <li>• Secure funding for projects</li> <li>• Inculcation of research as work component for faculty</li> </ul>
---	--	--	--

<ul style="list-style-type: none"> <li>• Services</li> <li>• Basic equipments of in all divisions of Departments</li> <li>• Personals with good technical knowhow</li> <li>• Competent and quality pathology services in all disciplines of pathology</li> <li>• Dependable Infrastructure</li> </ul>	<ul style="list-style-type: none"> <li>• Annual maintenance contract</li> <li>• Timely repairs</li> <li>• Delay of availability of Consumables</li> <li>• Moderate pace of acquiring advanced equipments.</li> <li>• Moderate pace of Development of Infrastructure</li> <li>• Space for Laboratory</li> </ul>	<ul style="list-style-type: none"> <li>• Promotion of component usage of Blood</li> <li>• Promotion of IHC usage</li> <li>• Promotion of Frozen section usage</li> <li>• Promotion of intraoperative diagnostic cytology</li> <li>• Augmentation of instrumentation for better research &amp; hospital services</li> <li>• Separate tumor marker laboratory</li> <li>• Molecular diagnosis laboratory</li> <li>• Laboratory for larger need in specialized area (for infectious diseases)</li> <li>• Laboratory for cancer cell biology</li> <li>• Laboratory for stem cell biology</li> <li>• Laboratory for cell separation ( flow cytometry)</li> </ul>	<ul style="list-style-type: none"> <li>• Healthy competition of instrumentation.</li> <li>• Standardization at QAQC</li> <li>• Comparison of advanced and Quality output of other laboratories at outsourcing.</li> </ul>
<p><b>Administration</b></p>			



<ul style="list-style-type: none"> <li>• Competent Faculties who have handled many administrative responsibilities with competence and innovations</li> <li>• All faculties have additional responsibilities till the level of associate Professor</li> </ul>	<ul style="list-style-type: none"> <li>• Few faculties fail to give adequate hours for active involvement in departmental work</li> <li>• Training in few areas</li> </ul>	<ul style="list-style-type: none"> <li>• Move upward as eminent academician and administrator at national, state and regional level</li> <li>• Consultant and expert in medical education and disciplines within it and his or her subject of specialization</li> </ul>	<ul style="list-style-type: none"> <li>• <input type="checkbox"/> Multi tasking to be globally competent medical administrator and academician through administrative workshops or joining such diploma or degree courses</li> </ul>
---	--	---	--

52. Future plans of the department.

	13-14	14-15	15-16	16-17	17-18
<b>1. Curricular aspects UG</b>	Implementation Of revised curriculum	Embarking the Revision for next curriculum Update with Gradient feedbacks	Continuation of Feedbacks from Relevant stakeholders.	Implementation of revised curriculum	Embarking The revision Process of next curriculum update

<b>PG</b>	Implementati On of revised curriculum	Embarking the Revision for next curriculum update with gradient feedbacks	Continuation of Feedbacks from Relevant stakeholder s.	Implementation of revised curriculum	Embarking The revision Process of next curriculum update
<b>2. Teaching Learning and Evaluation UG</b>	Reinforceme nt of PBL and ITP and Quiz	Development of Museum for additions of 100 specimens	Electronic demonstration of practical exercise -Updating electronic museum	Electronic lectures by Faculty -Video lectures in consultation with Central Information Resource Center	Pathology electronic classrooms at multi centered project of Vidarbha regional level - Undergraduate Poster compet ition as annual  event in subject of pathology at regiona llevel
<b>PG</b>	- Introducti on of skill based practical and procedure - Question a week activity monitored by professor and head departme nt of pathology	- Addition of techniques and methods as a part of postgraduate activity - Formation of postgraduate studycircle	System wise archives of diagnostic pathology in the discipline of histopathology	- System wise archives of diagnostic pathology in the discipline of cytopathology - Addition of transparency based case discussion of common and uncommon pathological diagnosis	System wise archives of diagnostic pathology in the discipline of hematopatholo gy
<b>3. Research and Publicatio ns</b>	<b>Publication</b>  s Target  Set <u>30</u>  Met <u>26</u>	<b>Publications</b>  Target  Set <u>19</u>  Met - <u>19</u>	<b>Publications:</b>  Target  Set <u>19</u>  Met <u>10</u>	<b>Publications:</b>  Target  Set <u>19</u>  Met _____	<b>Publications:</b>  Target  Set <u>19</u>  Met _____
	<b>Research</b>	<b>Research</b>	<b>Research projects:</b>	<b>Research projects:</b>	<b>Research</b>

	<i>projects:</i>	<i>projects:</i>	Target	Target	<i>projects:</i>
	Target	Target	Set <u>06</u>	Set <u>06</u>	Target
	Set <u>06</u>	Set <u>06</u>	Met _____	Met _____	Set <u>06</u>
	Met <u>06</u>	Met <u>06</u>			Met _____
	<b><i>Proposed funded projects:</i></b>	<b><i>Proposed funded projects:</i></b>	<b><i>Proposed funded projects:</i></b>	<b><i>Proposed funded projects:</i></b>	<b><i>Proposed funded projects:</i></b>
	Target		Target	Target	
	Set <u>01</u>	Target	Set <u>01</u>	Set <u>01</u>	Target
	Met <u>01</u>	Set <u>01</u>	Met	Met _	Set <u>01</u>
		Met <u>01</u>			Met _
	<b><i>Proposed book/ chapter</i></b>	<b><i>Proposed book/ chapter</i></b>	<b><i>Proposed book/ chapter</i></b>	<b><i>Proposed book/ chapter</i></b>	<b><i>Proposed book/ chapter</i></b>
	target	target	target	target	target
	Set <u>01</u>	Set <u>01</u>	Set <u>01</u>	Set <u>01</u>	Set <u>01</u>
	Met <u>01</u>	Met <u>01</u>	Met _	Met _	Met _
	<b><i>Proposed patents:</i></b>	<b><i>Proposed patents:</i></b>	<b><i>Proposed patents:</i></b>	<b><i>Proposed patents:</i></b>	<b><i>Proposed patents:</i></b>
	target	target	target	target	target
	Set <u>0</u>	Set01 _____	Set _____01	Set_01_	Set <u>01</u>
	Met <u>0</u>	Met initiate	Met initiated	Met _____	Met _____
	<b><i>PhD:</i></b>	<b><i>PhD:</i></b>	<b><i>PhD:</i></b>	<b><i>PhD:</i></b>	<b><i>PhD:</i></b>
	Target	Target	Target	<b><i>Target</i></b>	<b><i>Target</i></b>
	Set <u>01</u>	Set _____01_____	Set 01_____	Set _____01_____	Set 01_____
	Met <u>02</u>	Met 01_	Met_02_	Met _____	Met _____

	<b>Consultancy</b> (External service)  Target  Set <u>01</u>  Met <u>01</u>	<b>Consultancy</b> (External service)  Target  Set01_____  Met_01_	<b>Consultancy</b> (External service)  Target  Set 01_  Met _____	<b>Consultancy</b> (External service)  Target  Set 01_  Met _____	<b>Consultancy</b> (External service)  Target  Set01_____  Met _____
	<b>Target</b>  <b>Specific MOU's with documentary evidence:</b>  Set _____  Met _____	<b>Target</b>  <b>Specific MOU's with documentary evidence:</b>  Set _____  Met _____	<b>Target</b>  <b>Specific MOU's with documentary evidence:</b>  Set 01_  Met 01_____	<b>Target</b>  <b>Specific MOU's with documentary evidence:</b>  Set01_____  Met _____	<b>Target</b>  <b>Specific MOU's with documentary evidence:</b>  Set_01  Met _____
<b>4. Extention activities</b> a. Clinical Pathology laboratory	Addition Of five part Cell counter	Automation of Central laboratory	Automated Urine analyzer	Semi-automated advanced coagulometer	Electronic ESR And Seven part Cell counter
b. Histopathology	Fluorescent microscope	Automation of histopathology and histochemistry	Expansion of Immunohistochemistry	New version Cryostat addition	Development of tissue micro array technique

c. Cytopathology	Acquiring Cytospin	Intro-operative diagnostic consultation	Thin Prep/ liquid based cytology instrumentation	IAC recognized centre for training and certification	Automated cytology staining
d. Hematology	State of art electrophoresis unit	Updating leukemia cytochemistry	Red cell enzymatic defect test	Trephine biopsies augmentation	Flow cytometry and HPLC
e. Blood Bank	Licensing for component storage	Component separation unit	New Deep freezers, shakers and oscillators for blood bank	Augmentation of blood bank services from whole blood to components	Aphaeresis
f. Others	Renovation of central laboratory	Cell morphometry	Tumor marker laboratory	Development of cancer cytogenetic laboratory and FISH	Molecular Biology (infectious diseases) and cancer cell biology laboratory
<b>5. a. Academic courses</b>	- Priming the faculty for new courses to be mooted through the department of pathology	Preparation of draft of syllabus for speciality technician courses and fellowships.	Embarking the Specialty technician course certificate and post HSC university DMLT	- Fellowships in cytopathology - Fellowships in frozen section diagnosis - Fellowships in dermatopathology	- MD in Transfusion medicine - Refresher courses for postgraduates and consultants in pathology and blood banking
<b>b. Learning Resources Infrastructure</b>	- Upliftment and Strengthening the UG/PG teaching areas	- Procurement of multiviewing microscopes for PG and projection LCD attached microscope for UG practical demonstration	- Enhancement of UG question bank as per the updated curriculum	- Validation of UG question bank - Addition of new teaching , learning media for open class room	- Adoption of alternative strategies of teaching and learning such as webinars

<p><b>6. Innovation</b> a. Teaching / Learning</p>	<p>PG-Introduction of Laboratory grand rounds</p>	<p>PG-Introduction of activity of Techniques and methods UG- Electronic practical demonstrations</p>	<p>PG-Introduction of Question a week activity</p>	<p>PG- Introduction of postgraduate study circle</p>	<p>PG- Question based Transparency seminars</p>
<p>b. Services and research</p>	<ul style="list-style-type: none"> <li>- Center for referral consultation on tumors</li> <li>- Proctoscopic guided FNACs of rectal masses</li> <li>- Extended cervical PAP cervical cancer screening</li> <li>- Sickle cell registry</li> </ul>	<p>Centre for experimental phase of clinical trials</p> <ul style="list-style-type: none"> <li>- Endoscopic guided FNAC of deep sinonasal masses</li> <li>- Leukemia Registry</li> </ul>	<p>Centre for tropical disease diagnosis tuberculosis and leprosy</p> <ul style="list-style-type: none"> <li>- Development of in-house microscopic morphometric analysis of cancer cells</li> <li>- FNAC of skin patches in diagnosis of leprosy</li> </ul>	<p>Development of research centre for cancer cell biology</p> <ul style="list-style-type: none"> <li>- Molecular diagnosis of tuberculosis</li> </ul>	<p>Development of research centre for stem cell biology</p> <ul style="list-style-type: none"> <li>- Registry for HIV associated pathology</li> </ul>

## Evaluative Report of Department

1. Name of the Department : **Microbiology**
2. Year of establishment : **1990**
3. Is the Department part of a college/  
Faculty of the university? : **Part of college**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.):  
**UG-MBBS**  
**PG-MD in Microbiology**  
**Ph.D. in Clinical Microbiology**
5. Interdisciplinary programs and departments involved:  
**Nil**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:  
**Nil**
7. Details of programs discontinued, if any, with reasons  
**Nil**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System  
**UG- Semester**  
**PG- Annual**
9. Participation of the department in the courses offered by other departments  
**MD Community Medicine , MPH, MHA**  
**BDS**  
**MDS**  
**B.Sc Nursing, PB B.Sc Nursing**  
**B.P.Th**

10. Number of teaching posts sanctioned, filled and actual  
(Professors/Associate Professors/Asst.Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	1	2
Associate Professor/Reader	2	1	1
Assistant Professor	3	3	2
Tutor / Clinical Instructor	4	4	4

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Total Teaching Experience
Dr.S.Sande	MBBS, MD (Micro)	Prof. & Head	Microbiology	12.8 yrs
Dr.S.Basak	MBBS, MD (Micro)	Professor	Microbiology	28.02 yrs.
Dr.Mrs.N. Tankhiwale	MBBS, MD (Micro)	Professor	Microbiology	39.7 yrs.
Dr.G.Mudey	MBBS, MD (Micro)	Asso. Prof.	Microbiology	9.01 yrs.
Dr.S.Damke	MBBS, MD (Micro)	Asstt.Prof.	Microbiology	7.01 yrs.
Dr.A.Zade	MBBS, MD (Micro)	Asstt.Prof.	Microbiology	3.04 month

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Name of Faculty	Type Visiting Fellows, Adjunct Faculty, Emeritus Professors
Dr.Tapan Dhole, Professor & Head, SGPGI, Lucknow	Adjunct Faculty
Dr.Nagendra, Professor, Jalgaon Medical College	Adjunct Faculty
Dr.Y.Thakar, Consultant Microbiologist, Nagpur	Visiting fellows

13. Percentage of classes taken by temporary faculty – program-wise information:

Nil



14. Program-wise Student TeacherRatio

Courses	Ratio
UG	MBBS – 20:1
PG	1:1
PhD	5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

	Sanctioned	Filled	Actual
Technician / Assistant Technician	7	7	7
Administrative Staff (Steno, Lab.Attendant, Sweeper)	6	6	6

16. Research thrust areas as recognized by major funding agencies:

1.Hospital Acquired Infection      2. AntibioticResistance

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grantsreceived project-wise:

Nil

18. Inter-institutional collaborative projects and associated grantsreceived

a) National collaboration      b) International collaboration

Nil

19. Departmental projects funded by ICMR;DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. –ICMR-STs

Sr. No	Title of the Project	Name of students	Grant Received
1	Laboratory confirmation and clinical correlation of dermatophytic infections in tertiary care hospital	Deevanshi Rathore	10,000/-

2	Streptococcus pyogenes infection among children with sore throat : Prevalence and antibiogram with special reference to macrolide resistance and Penicillin MIC	Aditya Khandekar	10,000/-
3	Evaluation of phenol ammonium sulphate basic fuchsin staining of sputum in container for the detection of acid fast bacilli with conventional Ziehl Nielsen staining	Renkle Gemnani	10,000/-
4	Study of antibiotic resistance profile in clinical isolates of Pseudomonas aeruginosa	Pankaj Kaushik	10,000/-
5	Study of virulence mechanisms and antibiotic resistance of extra intestinal Escherichia coli causing urinary tract infections.	Nikhil Sanjay Mujbaile	10,000/-
6	A Study of clinic-microbiological profile of surgical site infections in a tertiary care hospital	Niharika Kochhal	10,000/-

**20. Research facility / centre with**

- state recognition
- national recognition
- international recognition

**Nil**

**21. Special research laboratories sponsored by / created by industry or corporate bodies : Nil**

**22. Publications: (List of Details is Annexed)**

**1. Number of papers published in peer reviewed journals (national / international) –**

**From March. 2013 to till date 27.3.2017 : 47**

**Year 2013 : 09 Paper Publication**  
**Year 2014 : 06 Paper Publication**  
**Year 2015 : 11 Paper Publication**  
**Year 2016 : 18 Paper Publication**  
**Year 2017 : 03 Paper Publication**

2. Monographs : **4 monographs**(1 published in 2013 and 3 in2015)

Sr.No.	Title
1	Neonatal septicaemia: Diagnostic tests and Bacteriological profile: Lambert publication, ISBN 978-3-659-45618-3 (2013)
2	Challenges in NICU: Diagnosis, Treatment and control of Infections: Scholars' Press, ISBN 978-3-639-76751-3 (2015)
3	Neonatal septicaemia: Humoral Immune Response : Lambert publication, ISBN 978-3-659-75976-5(2015)
4	Nasal Carriage of <i>Staphylococcus aureus</i> : Scholars' Press,ISBN-978-3- 659-76498-1 (2015)

3. Chapters in Books :3

Sn.	Title Article	Publication No.	Year, Volume Issue &Page No.
1	<b>Chapter 3</b> – Biofilms: a challenge to medical Fraternity in infection Control.	ISBN No. 953-51-1145-0 2013 Publisher In Tech, Europe Link – <a href="http://dxdoi.org/10.5772/55649">http://dxdoi.org/10.5772/55649</a>	2013
2	Newer-B-lactamases and E.coli- A cause of concern	Publisher – INTECH <a href="http://dx.doi.org/10.5772/57578">http://dx.doi.org/10.5772/57578</a>	2014 Page 47-72
3	Chapter 3 HAART : A Boon to Mankind	Frontiers in Clinical Drug Research (HIV) Vol.3 Published by Benthem Science Publishers First published 2016 Editor: Alta-ur-Rahman,FRS,university of Cambridge UK eISBN:978-1-68108-229-5 ISBN:978-1-68108-230-1 eISSN:2352-5916 ISSN:2468-0397	2016 Pg.128-153

4. Books edited :**Nil**

Books with ISBN with details of publishers:

**1E-book in 2015- - Summary of Staining Methods: AFB Staining and Albert's Staining; GRIN Publications ISBN (eBook) 978-3-668-03726-7 (2015)**

5. Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) :**Yes**

6. Citation Index – Range / Average : **6.7**  
 7. SNIP : 1.26  
 8. SJR : 0.71  
 9. Impact Factor – Range / Average : **1.75**  
 10. h-index : 7

23. Details of patents and income generated:

NIL

24. Areas of consultancy and income generated:

Areas of consultancy	Income generated
Consultancy provided for Safe OT practices to Private Hospitals including Swab analysis	15,000 to 20,000 per year

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:

Nil

26. Faculty serving in

**National committees** b) International committees c) **Editorial Boards** d) **any other (specify)–**

- **National & other committees**

Sn	Name of Faculty	Serving agency/ Board/ Committee
1	Dr. S.Sande	Member, Indian Association of Medical Microbiologist Member ,Vidarbha Association of Medical Microbiologist Member ,Indian Medical Association Member, Indian Academy of Tropical Parasitology

2	Dr.S.Basak	Member, Indian Association of Medical Microbiologist Member , Indian Association of Tropical Parasitology Member , Indian Association of Mycoplasmologists Member , Indian Association of Sports Medicine Member , Indian Medical Association Member ,Vidarbha Association of Medical Microbiologist
3	Dr.Mrs. N.S.Tankhiwale	Member, Indian Association of Medical Microbiologist Member ,Vidarbha Association of Medical Microbiologist Member, Indian Academy of Tropical Parasitology
4	Dr. G.Mudey	Member, Indian Association of Medical Microbiologist Member ,Vidarbha Association of Medical Microbiologist Member ,Indian Medical Association Member, Indian Academy of Tropical Parasitology Member, International Society of Infections diseases Member, International Epidemiological Association Indian Public Health Association
5	Dr. S. (Damke) Fule	Member, Indian Association of Medical Microbiologist Member ,Vidarbha Association of Medical Microbiologist

• **EditorialBoard**

Sn	Faculty	Extension activities
1	Dr.Silpi Basak	Infection control -2013 Editorial Board member – Austin journal of HIV/ AIDS research
2	Dr.Gargi Mudey	<b>Associate Editor</b> in MRIMS Journal of Health Sciences <b>Reviewer Board member</b> of International Journal of Medical Microbiology and Tropical Diseases.

• Any Other -Faculty in Institutional Committees and otheractivities:

Sn	Faculty	Extension activities
1	Dr. S.Sande	Member, College Council Chairman - BOS in Microbiology PG Chairman, BOS in Microbiology MBBS Chairman, BOS in Microbiology BDS Chairman, BOS in Microbiology Ph.D Chairman, Dept. Curriculum Committee MBBS Chairman, Dept. Curriculum Committee BDS Chairman, Dept. Research committee Member Secretary, Hospital Infection Control Committee from Feb. 2012 to Aug. 2015 Member, Antibiotic policy committee Education Lead MBBS from Feb. 2012 to Nov 2016 Faculty SHPER Secretary, AAA2014-2015
2	Dr.S.Basak	Member - BOS in Microbiology PG Member - BOS in Microbiology MBBS Member - BOS in Microbiology BDS Member, BOS in Microbiology Ph.D Member, Dept. Research committee
3	Dr. Mrs.N.S. Tankhiwale	Member - BOS in Microbiology PG Member - BOS in Microbiology MBBS Member - BOS in Microbiology BDS Member - Dept. Research committee Faculty SHPER

4	Dr. G.Mudey	Member - BOS in Microbiology MBBS Member - BOS in Microbiology BDS Member, BOS in Microbiology Ph.D Education lead, MBBS from Nov.2016 Member, Dept. Curriculum Committee MBBS Member, Dept. Curriculum Committee BDS Member, Dept. Research committee
5	Dr. S.Damke (Fule)	Member - BOS in Microbiology MBBS Member - BOS in Microbiology BDS Member, BOS in Microbiology Ph.D Member, Dept. Curriculum Committee BDS Education lead, BDS
6	Dr.Amol Zade	Incharge, Nursing P.B.B.Sc & B.B.Sc

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

- **Medical Education Training**
- **Active participation in various conferences, workshops, CMEs.**
- **To motivate and facilitate faculty for PhD. And various training programme.**
- **By conducting regular conference, workshop, CMEs, webinars and group discussions.**
- **ALS and BLS Programmes**

28. Student projects

- Percentage of students who have taken up in-house projects including inter-departmental projects

Course wise students	percentage
UG	3.5% (4 ICMR STS 3 in house )
MD	100%
PhD	100%

- Percentage of students doing projects in collaboration with other universities/industry/institute –

Course Wise Students	Projects in collaboration with other Universities/Industry/Institute
UG-MBBS	6 ICMR Students project submitted and Approved

**29. Awards / recognitions received at the national and international level by**

- Faculty-
- Doctoral / post doctoralfellows
- Students:

	<b>Names</b>	<b>Awards/ recognition</b>
Faculty	Dr.S.Basak	1 of the publication with Impact factor 2.852 has been selected amongst Top 20 articles by BioMedLib and its position is 9 <sup>th</sup>
Students	Mr.Bingu Shiv Kiran Reddy - 2014 batch	Presented a paper in ETHOS 2017 – TheNational Bioethics Medical and Research Conference at MGIMS, Sevagram, Wardha from 24 <sup>th</sup> -26 <sup>th</sup> Feb.2017 and has got Best AmbassadorPrize.
	Aditya Khandekar - 2014 batch	Second in poster presentation in TRINITY-2017 held on 2-4 March 2017 at SION Mumbai.

**30. Seminars/ Conferences/Workshops **organized** and the source of funding (national / international) with details of outstanding participants, if any.**

Date & Year	Topic	Events	Level	Funding Agency
2013	Educational Programme for Nurses on hand hygiene	Workshop	Institutional	Intramural Funding
24 Aug, 2013	Quiz –organized for 8 medical colleges of Vidarbha, UG level under VAMM	Quiz	Regional	Intramural & VAMM Funding
7 Jan. 2014	CME –on Hepatitis Viruses : An update	CME	Institutional	Intramural Funding
10Mar 2015	CME - “EBOLA OUT BREAK – ARE WE PREPARED???”	Intramural Funding	Regional	Intramural Funding
18Nov. 2015	Intramural Funding	Guest Lecture	Regional	Intramural Funding
12Jan.2016	Intramural Funding	CME	Regional	Intramural Funding
19-20July 2016	Clinical Induction Programme – 2016	UG Programme	Regional	Intramural Funding
21Sept. 2016	Re-sit Clinical induction programme	UG Programme	University	Intramural Funding
10Aug 2016	Quiz –organized for 8 medical colleges of Vidarbha, UG level under VAMM	Quiz	Regional	Intramural Funding
10Aug 2016	Emmerging & re-emmerging infectious diseases	Guest lecture	Regional	Intramural Funding
2Dec. 2016	CME “Biochemical basis of immunology” Organised – Biochemistry, Microbiology, Pathology JNMC Sawangi (Meghe).	CME	Regional	Intramural Funding

31. Code of ethics for research followed by the departments:

**Yes, All research Projects are undertaken after the approval of Institutional Ethical Committee, and Animal Ethical Committee and the guidelines of institutional IPR policy are strictly adhered to.**

32. Student profile program-wise:

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
<b>MBBS</b>	<b>As Per NEET</b>	<b>87</b>	<b>113</b>	<b>89%</b>	<b>97.35%</b>
<b>MD</b>	<b>As Per NEET</b>	<b>Nil</b>	<b>Nil</b>	<b>-</b>	<b>-</b>
<b>Ph.D.</b>	<b>--</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>II MBBS 2015 Batch</b>	<b>100%</b>	<b>38%</b>	<b>47%</b>	<b>15%</b>
<b>M.D.</b>	<b>20%</b>	<b>-</b>	<b>80%</b>	<b>-</b>

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

**Nil**

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<b>53%</b>
PG to M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>3%</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campus selection	<b>24%</b>
• Other than campus recruitment	<b>7%</b>
Entrepreneurs	<b>12%</b>



36. Diversity of staff

Percentage of faculty who are graduates	Number
of the same university	33.33%
from other universities within the State	66.66%
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period-2

Name of faculty	Awarded with M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt.
Dr. N. S Tankhiwale	M.Phil
Dr. Suvarna Sande	M.Phil.
Dr. G. Mudey	PhD

38. Present details of departmental infrastructural facilities with regard to

- Library : Available 155
- Internet facilities for staff and students: Available
- Total number of classrooms : (Demo – 4, Seminar Room - 1)
- Class rooms with ICT facility and 'smart' class rooms : All Classrooms
- Students' laboratories : Available capacity 100
- Research laboratories : Available

39. List of doctoral, post-doctoral students and Research Associates

	Doctoral Students	Post doctoral	Research Associates
from the host institution/university	Dr. S. Bisne	Mrs. Vandana Kubde	-

40. Number of post graduate students getting financial assistance from the university.–05

Name of the Student	Financial Assistance Amount from university. ResearchGrants
<b>Dr.Priyanka Singh</b>	<b>25,000/-</b>
<b>Dr.Sanchari Das</b>	<b>25,000/</b>
<b>Dr.Susmita De</b>	<b>25,000/</b>
<b>Dr.Seema Bisene</b>	<b>25,000/</b>
<b>Dr.Abhishek Deobnath</b>	<b>25,000/</b>

41. Was any need assessment exercise undertaken before the development of new program(s) ? If so, highlight the methodology.

**Yes, need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis , user analysis and work analysis.**

42. Does the department obtain feedback from.

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

**Yes, The Feedback from faculties are utilized for development, designing and updation of curriculum and syllabus.**

b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

**Yes, The Feedback from students are utilized for improvement of performance of the staff and updation of curriculum.**

c) Alumni and employers on the programs offered and how does the department utilize the feedback?

**Yes, The Feedback from them are utilized for identification of needs for development, designing and updation of curriculum and syllabus.**

43. List the distinguished alumni of the department (maximum 10)

<b>Name of the distinguished alumni (PG)</b>	<b>Presently working as</b>
Dr.Sanjay kumar Malik	Asstt. Prof.GMC,North Bengal Dist. Darjeeling
Dr.Ruchita Lohiya	Asstt. Prof., MGIMS, Sevagram
Dr.Gargi Mudey	Asstt. Prof.JNMC, Sawangi (Meghe)
Dr.Abhijit De	Asstt.Prof., NRS Medical College, (Govt), Kolkata (West Bengal)
Dr.Monali Rajurkar	Private Lab., Pune
Dr.Smita Damke (Fule)	Asstt. Prof. JNMC, Sawangi (Meghe)
Dr.Niharika Lall	Private, lab.Nagpur
Dr.Manish Nagendra	Asstt. Prof. GMC, Jabalpur

43. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts. CME/ Guest lect./Seminars

<b>Question paper writing guidance</b>
<b>UG Orientation programme , Silver Jubilee celebration</b>
<b>PG Orientation Programme</b>
<b>Value education classes</b>
<b>UG &amp; PG convention</b>
<b>Meet the masters</b>
<b>Attending workshop, CMEs &amp; Conferences</b>
<b>Guest Lecture – on DNA Vaccines for Post graduates of JNMC by Dr.Brig.Nagendra from Jalgaon.</b>
<b>Guest Lecture – Emerging &amp; reemerging infectious diseases by Dr.Brig.Nagendra from Jalgaon.</b>
<b>Skill lab postings (Working with maniquins )</b>
<b>Communication skill lab posting</b>
<b>BLS/ACLS (Basic Life Support and Advanced Cardiovascular Life Support) Courses at International Training Centre (ITC), JNMC, Sawangi (Meghe), for Medical students, Internees, Residents, Post graduates</b>

44. List the teaching methods adopted by the faculty for different programs including clinical teaching.

<b>Under Graduate</b>	<b>Post Graduate</b>
<b>Didactic Lecture with A V aids</b>	<b>Thematic seminar</b>
<b>Lecture Demonstration</b>	<b>Slide seminar</b>
<b>Practical Demonstration</b>	<b>Case based discussion</b>
<b>Tutorial</b>	<b>Journal club</b>
<b>PBL</b>	<b>Demonstration of techniques methods</b>
<b>ITP</b>	<b>Group discussion</b>
<b>Seminar</b>	<b>Solving Question paper</b>
<b>Home Assignment</b>	<b>Direct observation of procedural skill</b>
<b>Museum round</b>	<b>OSPE</b>
<b>e-museum</b>	
<b>Virtual learnings</b>	

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?:

**By UG & PG students – Make point analysis in Academic Appraisal Program; feedback of students and results in formative assessments.**

47. Highlight the participation of students and faculty in extension activities.

<b>Sn</b>	<b>Participation of students:</b>	<b>Participation of Faculty</b>
1	Value education workshop	Awareness and hands – on – training about Hand hygiene practices among Nursing staffs in AVBRH- Dr.Sande, Dr.Basak

48. Give details of “beyond syllabus scholarly activities” of the department.

- **Guided 6 ICMR STS project by the faculty.**
- **Research consultancy for Inter Institutional projects.**
- **All faculties participate in SHPE & R activity.**
- **M.Phil in health professional education- Dr.S.Sande, Dr.N.Tankhiwale**
- **Faculty SHPER - Dr.N.Tankhiwale, Dr.S.Sande**
- **Value education workshop attended by two faculty**
- **screening and awareness of food handlers for Intestinal Parasites and Enteropathogenic Bacteria in Hospital kitchen & Hostel Messes in DMIMS (DU) Dr.Sande, Dr.Basak**
- **Awareness and hands – on – training about Hand hygiene practices among Nursing staffs in AVBRH- Dr.Sande, Dr.Basak**
- **Perception and awareness about white coat useage among**
- **Nursing staffs in AVBRH Dr.Sande, Dr.Basak**
- **Prepared manual for Hand hygiene practices – Dr.Basak, Dr.Sande.**
- **Prepared pocket guide lines for Infection Control Practices Dr.Basak, Dr.Sande**
- **Prepared guide lines for antibiotic resistant bacteria (MRSA, ESBL) Dr.Basak, Dr.Sande**
- **HICC rounds and educational programme**

49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details.

**External Quality Control – EQAS – CMC, Vellore.**

**50.** Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- **Prepared manual for Hand hygiene practices – Dr.Basak,Dr.Sande.**
- **Prepared pocket guide lines for Infection Control Practices Dr.Basak,Dr.Sande**
- **Prepared guide lines for antibiotic resistant bacteria (MRSA, ESBL) Dr.Basak, Dr.Sande**
- **1 of the publication by Dr.S.Basak with Impact factor 2.852 has been selected amongst Top 20 articles by BioMedLib and its position is 9<sup>th</sup>**
- **Copyright applied:A broad range real time SYBR green polymerase chainreaction assay (BRRTSGPCR assay) Diary Number: 15078/2016CO/L- Dr.Gargi Mudey**

- a. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:

STRENGTH	WEAKNESS	OPPORTUNITY	CHALLENGES
<b>Curricular aspects</b> <ul style="list-style-type: none"> <li>Updated curriculum (every 3 years) as per Regional, National &amp; Global needs with implementation of recommendation of stakeholders</li> </ul>			
<b>Teaching Learning &amp; Evaluation:</b> <ul style="list-style-type: none"> <li>➤ UG teaching</li> <li>• Externally validated Learning Resource material for all didactic lectures for MBBS &amp; BDS</li> <li>Validated E. Q. B. &amp; Model Answers for MBBS &amp; BDS</li> </ul>	Innovative teaching methods e.g. small group teaching or case based learning cannot be adopted because of high teacher student ratio i.e. 1: 20	<ul style="list-style-type: none"> <li>• Better Results for students in Univ.Exam.</li> </ul>	<ul style="list-style-type: none"> <li>• Most of the practicals can be converted to innovative teaching e.g. Quiz/ observing e – museum etc. But cannot be done because of binding by regulatory bodies.</li> </ul>
<ul style="list-style-type: none"> <li>➤ PG Teaching</li> <li>Experienced PG teachers guide the PG students.</li> </ul>	-	<ul style="list-style-type: none"> <li>• Better Results for students in Univ.Exam.</li> <li>• Better Placement</li> </ul>	<ul style="list-style-type: none"> <li>• No. of PG seats have been increased in Govt. Medical Colleges</li> </ul>
<ul style="list-style-type: none"> <li>➤ Faculty:               <ul style="list-style-type: none"> <li>☐ Experience and highly qualified faculty</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Time Constraint for faculties because of teaching many disciplines</li> </ul>	<ul style="list-style-type: none"> <li>• Faculties are exposed &amp; well versed with many topics at the same time</li> </ul>	<ul style="list-style-type: none"> <li>• Minimum no. of faculties in different cadres have been reduced by Regulatory bodies.</li> </ul>
<b>RESEARCH &amp; Extension Activities</b> <ul style="list-style-type: none"> <li>➤ Faculty : 7 ongoing 1 major project funded by university (TORCH-Intra mural grant)</li> <li>☐ Project Thrust area: Antibiotic Resistance</li> <li>➤ Hospital Infection and Neonatal septicemia</li> </ul>	Interdepartmental research work is less.	More research papers can be published by faculties & PG in International Journal.	Ongoing teaching programme administrative works & works allotted by SHPER from time to time faculties get less time for Research work.

<p>➤ Publication:</p> <ul style="list-style-type: none"> <li>❑ Total 47 publications (from 2013 to till date) in International and National Journal</li> <li>❑ 3 book chapter (from 2013 to till date) published</li> <li>❑ 1 e-bookpublished</li> </ul> <p>➤ 4 Monographspublished</p>			
<p><b>ADMINISTRATION</b></p> <ul style="list-style-type: none"> <li>• Well laidoutadministrative and academic process.</li> <li>• 71.4% of faculties arehaving additional administrative responsibilities.</li> </ul>		<p>More specific and timely administrative decision can be taken by the faculties.</p>	<p>The number of teaching faculties can be increased in the dept. but minimum requirement of faculties have been declared by regulatory bodies &amp; are followed by University.</p>

**52. Future plans of the department.**

**A) Research projects focused on emerging areas of medicine/research thrust areas:**

Such as Detection of Biofilm producing micro organisms and correlation with antimicrobial susceptibility profile, Rapid detection of growth of M.tuberculosis by antigen 64 assay, projects on Vitek-2 and BacT Alert 3D, and project on mycology and anti fungal drug sensitivity inviting research grants, higher citations , high impact publications and finances generations.

**B) Learning methods:**

Introduction of short presentation by PGs on recent advances in microbiology during PG activity.

**C) Strengthening of current programme towards learner centricity inclusive of elective and choice based options.**

-----



## Evaluative Report of the Department

1. Name of the Department : **Forensic Medicine & Toxicology**
2. Year of establishment : **1990**
3. Is the Department part of a college/Faculty of the university? : **Yes**
4. Names of programs offered (UG, Ph.D, fellowship) : **MBBS, Ph.D Fellowship in Bioethics.**
5. Interdisciplinary programs and departments involved : **1**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. : **MOU with Academy For Ethical Clinical Research Training(AECRT) Nagpur**
7. Details of programs discontinued, if any, with reasons : **None**
8. Examination System : **UG : Semester Pattern, Fellowship : CBCS**  
Annual/Semester/Choice based Credit System
9. Participation of the department in the courses offered by other departments : **Yes (Dentistry, Ayurveda, MHAM)**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	2	2
Associate Professor/Reader	1	0	0
Assistant Professor	1	2	2
Tutor /Demonstrator	4	4	4
Total	7	8	8

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr Sudhir Ninave	MBBS MD LLB	Professor & Head	FMT	13yrs
Dr.P.M.Mohite	MBBS MD LLB	Professor	FMT	22.11yrs
Dr.P.A.Wankhade	MBBS MD LLB	Assistant Professor	FMT	4.4yrs
Dr.S.K.Patond	MBBS MD	Assistant professor	FMT	3.8yrs

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors : **1**

**Dr.V.V.Pillay,**  
**Professor & Head. Department of FMT,**  
**Amrita Institute Of Medical Sciences Kocchi Kerala.**

13. Percentage of classes taken by temporary faculty – program-wise information:  
**Nil**

14. Program-wise Student Teacher Ratio:

Course	Ratio
UG	<b>25:1</b>
Ph.D	<b>5:1</b>

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual : technical- 2, lab attendents-2 steno typist -1, store keeper cum clerk - 1

Sn.	Designation	Sanctioned	Filled	Actual
1.	<b>Technical Staff</b>	<b>4</b>	<b>4</b>	<b>4</b>
2.	<b>Administrative Staff (Clerk, Attendant, Sweeper)</b>	<b>2</b>	<b>2</b>	<b>2</b>

**16. Research thrust areas as recognized by major funding agencies:**

**Departmental Ongoing project**

Sn.	Chief investigator/Co-investigator	Title
1	Dr.Sudhir Ninave / Dr.A.J.Anjankar	Anthropometrical measurement : A tool for personal identification in mass disaster
2	Dr.A.J.Anjankar / Dr.Sudhir Ninave	The incidence along with knowledge and attitude of young girls towards stalking over electronic social media – a prospective study
3	Dr.Prakash Mohite / Dr.S.Patond	Correlation of age by using dental radiograph and physical examination against stated age (Inter institutional )
4	Dr.S. Patond/ Dr.Prakash Mohite	Knowledge and outlook of medical students on forensic Autopsy in JNMC Wardha.
5	Dr.P. Wankhade/ Dr.Prakash Mohite	Orientation and awareness of students about child abuse

**17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. : 1 (vide sr. no.19)**

No of Faculty	Name & Type of Funding Agency	Project Title	Grant Received
01	ICMR (National)	Trends of poisoning in tertiary health care centre in Rural setup of central India. (Ref.2003-00433)	10000/-

**18. Inter-institutional collaborative projects and associated grants received**

- a) National collaboration                      b) International collaboration: NIL

**19. Departmental projects funded by**

ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc. Total Grants Received.

Title of the ICMR project	Trends of poisoning in tertiary health care centre in Rural setup of central India. (Ref.2003-00433)
Chief investigator	Purva Sharma
Guide	Dr.Sudhir Ninave

**20. Research Facility / Centre with**

- State Recognition
- National Recognition
- International Recognition

**Nil**

**21. Special Research Laboratories sponsored by / created by Industry or Corporate bodies**

:

**Nil**

**22. Publications:**

- Number of papers published in
- peer reviewed journals (National/International) : **21**
- Monographs : **Nil**
- Chapters in Books : **04**
- Books edited : **Nil**
- Books with ISBN with details of publishers : **Nil**
- Number listed in International Database  
(For e.g. Web of Science, Scopus, Humanities International Complete, Dare  
Database - International Social Sciences Directory, EBSCO host, Medline, etc.)  
: **Nil**
- Citation Index : 4.7
- SNIP : 1.04
- SJR : 0.27
- Impact Factor – **Average** : 0.35
- h-index **Average** : 3

**23. Details of patents and income generated :**

**Nil**

**24. Areas of consultancy and income generated :**

**Nil**

**25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :**

**Nil**

26. Faculty serving in

Name of faculty	Serving agency /board / committee
<b>Dr.Sudhir V Ninave</b>	Vice President Indian Academy of Forensic Medicine.
<b>Dr.P.M.Mohite</b>	<b>Peer reviewer, Journal of MLAM</b>

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).
- **Medical Education Training**
  - **Subspeciality training in National & International Institute of Prominence under eminent faculty.**
  - **Active participation in various conferences, workshops, CMEs. To facilitate faculty for various fellowship programs, and PhD.**
  - **By conducting / attending conference, workshop, CMEs, webinars and group discussions**
  - **ALS & BLS Programmes**

28. Student Projects

Percentage of students who have taken up in-house projects including inter-departmental projects: **6**

Year	Title of the Project	Name of student	Guide	Status
2012	To study the profile and analyse the trends of poisoning in tertiary health centre in the rural setup of central India	Purva Sharma	Dr.Sudhir Ninave	Completed
2013	Pattern of injuries in road traffic accidents cases observed in a tertiary health centre of central India	Nikita Patil	Dr.Sudhir Ninave	Completed
2014	A profile of Medicolegal cases coming to casualty of AVBRH and district Hospital Wardha.	Piyushi Sao	Dr.Sudhir Ninave	Completed
2014	Profile of crimes among the inmates of central Jail of Wardha and Nagpur	Purva Sharma	Dr.Sudhir Ninave	Completed
2015	To assess knowledge attitude and awareness about medicolegal aspect of Forensic medicine and its implication among doctors of JNMC and SPDC	Pallavi Phatak	Dr.Sudhir Ninave	Completed
2016	A comparative study of estimation of stature by Bertillon's system among individuals of different regions of India	Kushagra Mathur	Dr.Sudhir Ninave	Completed
2017	Age estimation from epiphyseal fusion of bone at knee joint in central India	Rutuja Parihar	Dr.Swapnil Patond	Ongoing

Percentage of students doing projects in collaboration with other universities / industry / institute:

**Nil**

**29. Awards / recognitions received at the national and international level by**

	Names	Awards / recognitions	Award Level
Faculty	Dr.Sudhir Ninave	Member BOS, Devi Ahilya University, Indore(MP)	University

**30. Seminars / Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.**

Year	CME/Seminar/Workshop	Organizing secretary
2012	CME(regional)	Dr.Sudhir Ninave
2103	CME(regional)	Dr.P.M.Mohite
2014	CME(regional)	Dr.Sudhir Ninave
2015	CME(regional)	Dr.Sudhir Ninave
2016	Workshop(regional)	Dr.P.M.Mohite

**31. Code of ethics for research followed by the departments :**

**Yes, All research Projects are undertaken after the approval of Institutional Ethical Committee, and Animal Ethical Committee and the guidelines of institutional IPR policy are strictly adhered to.**

**32. Student profile program-wise :**

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	Through NEET	87	113	91%	97%
PhD	3	3	-	-	-
Fellowship	4	2	2	2	2

**33. Diversity of students**

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
PhD	0	75%	25%	0%
Fellowship in Bioethics -2016	0	100%	0%	0%

**34. How many students have cleared Civil Services and Defense Services examinations,**

NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

**Nil**

### 35. Student Progression

Student progression	Percentage against enrolled
UG to PG	53%
PG to M.Phil, DM / M Ch / DNB	8%
PG to Ph.D.	3%
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	24%
• Other than campus recruitment	7%
Entrepreneurs	12%

### 36. Diversity of staff

Percentage of faculty who are graduates of the same university	
of the same university	0
from other universities within the State	75%
from universities from other States	25%
from universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period:

**NIL**

38. Present details of departmental infrastructural facilities with regard to

- Library : **143 books**
- Internet facilities for staff and students : **Available**
- Total number of class rooms : **3 Demo Rooms**
- Class rooms with ICT facility and 'smart' class rooms : **1 ( Demo Room No 2)**
- Students' laboratories : **1**
- Research laboratories : **1**

39. List of Doctoral, Post-Doctoral students and Research Associates

- a) from the host institution/university : 3  
b) from other institutions/universities : Nil

Name of PhD Student/Guide	Year of enrollment	Status
Dr.P.M.Mohite/Dr.A.J.Anjankar	2013	Near completion
Dr.S.V.Ninave/Dr.A.J.Anjankar	2014	Ongoing
Dr.S.K.Patond/Dr.A.J.Anjankar	2016	Ongoing

40. Number of post graduate/PhD students getting financial assistance from the university.: 3

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

**Yes, need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis, user analysis and work analysis.**

42. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

**Yes, The Feedback from faculties are utilized for development, designing and updation of curriculum and syllabus.**

b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

**Yes, The Feedback from students are utilized for improvement of performance of the staff and updation of curriculum.**

c) Alumni and employers on the programs offered and how does the department utilize the feedback?

**Yes, The Feedback from them are utilized for identification of needs for development, designing and updation of curriculum and syllabus.**



43. List the distinguished alumni of the department (maximum 10): (nil As not a postgraduate department)

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts. : 5

<b>CME</b>
CME on technology in health .
CME on immunology
CME on AIDS
CME on history of medicine
CME on socio therapeutic aspects of depression
<b>WORKSHOP</b>
Clinical pharmacology
<b>LECTURE</b>
Experimental pharmacology

45. List the teaching methods adopted by the faculty for different programs including clinical teaching. :1 (FMC)

- PBL,
- Capsulated teaching
- Problem Based ITP,
- Remedial teaching
- Interactive seminars,
- Modified tutorials,
- Monograph
- Quiz,
- Short term research project
- Charts on clinically relevant topics
- FMC
- Home assignments

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

**Marker point analysis in AAP: Logbooks, Student feedbacks and formative assessments**

47. Highlight the participation of students and faculty in extension activities.

Extension activities	Participation by faculty	Beneficiaries
Clinical Forensic Medicine Unit ( Ongoing Extension Activity by the Department)	All faculty members	15467

48. Give details of “beyond syllabus scholarly activities” of the department. : Guest Lectures:

- CFMU
- FMC
- Value education for students, teaching and non teaching staff
- ICMR STS projects guided by faculty
- Members of editorial board
- Research consultancy
- Involvement in SHPER and Nodal Center (Dr. S S Pathak: HOD Department of Research)
- Gust lectures by Faculty: Dr. Swanand Pathak, dr. R K Jha
- IPR: copyright: Dr. Swanand Pathak: Applied
- Invited editorials: Dr. Swanand Pathak Dr.R.K.Jha
- 10 Facilitators in communication skills
- Published Book titled ‘Gandhian thoughts for MGIMS entrance examination.
- Communication skills (Dr. R.K.Jha)
- Convener Attendance cell: Dr Sangita Totade .
- Chairman IAEC: Dr Sangita Totade

49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details. **No**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied :

**CFMU & FMC**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges: Medico-legal services (SWOC) of the department.

Strength	Weaknesses	Opportunity	Challenges
Faculty : 80% staff with additional qualifications. Expertise in training of teachers all faculty with basic course of MET Two with advance course of MET	No MD Programme No Permission to conduct in House Post martum. ( Policy of the State Government)	Strengthening of PhD programme. Advocacy with the Government to allow Postmartum at the Department.	collaborations with foreign universities

52. Future plans of the department:

**Post Mortem Facility & Post Graduate Course, Mobile Awareness Camp of Poisoning.**

-----

## Evaluative Report of the Department

1. Name of the Department : **Community Medicine**

2. Year of establishment : **1990**

3. Is the Department part of a college/Faculty of the university?

**Yes, part of college**

4. Names of programs offered :

**UG:MBBS;**

**PG:**

- MD (Community Medicine)
- Master in Public Health (MPH)

**Post PG:**

- Ph.D.
- Fellowships:1) Fellowship in Occupational & Environmental Medicine  
2) Fellowship in Health Policy & Planning - Health Economics.

5. Interdisciplinary programs and departments involved-,

- 1) Fellowship in Occupational & Environmental Medicine
- 2) Fellowship in Health Policy & Planning - Health Economics.
- 3) Integrated Bioethics Course for Health Science Faculties

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

**3**

7. Details of programs discontinued, if any, with reasons:

**Nil**

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System –  
Annual / Semester /Choice based Credit system

UG	Annual
PG (MD – Community Medicine)	Annual
MPH (Master in Public Health)	Choice based Credit system
Fellowships	Choice based Credit system

9. Participation of the department in the courses offered by other departments -

Dental- BDS, MDS

Nursing- B.Sc&PbScM.Sc Nursing

Physiotherapy- B.PTh

School of Health Profession Education & Research – M Phil in Health Profession Education

Ayurvedic –BAMS & MD in Ayurveda

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	5	5
Associate Professor/Reader	4	1	1
Assistant Professor	6	6	6
Lecturer	NA	NA	NA
Tutor	5	10 (5 Per Year)	10
Senior Resident	NA	NA	NA

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. AbhayGaidhane	MBBS, MD (PSM)	Professor and H.O.D.	Preventive & Social Medicine, Health Policy & Planning, Epidemiology, Field Intervention Trials, Qualitative Research, Bioethics	17 years 05 months
Dr. AbhayMudey	MBBS, D.P.H., MD (PSM), Ph.D.	Professor and Dean	Preventive & Social Medicine,	19 years 06 months
Dr. VasantWagh	MBBS, MD (PSM)	Professor	Preventive & Social Medicine,	27 yrs, 01 mth
Dr. S. Z. Quazi	MBBS, MD (PSM), Ph.D.	Professor	Preventive & Social Medicine, Global Health, NetMap Analysis, Mathematical Modeling, Bioethics	17 years 02 months
DrSwaroopachakole	MBBS, MD (PSM)	Professor	Preventive & Social Medicine	12 yrs, 10 mths

Dr. SonaliChoudhari	MBBS, MD (CM), M. Phil	Associate Professor	Community Medicine,Health Profession Education & Research, Bioethics	09 yrs, 11 mths
Dr. AbhishekIngole	MBBS, MD, M. Phil	Assistant Professor	Community Medicine,Health Profession Education & Research	07 yrs, 09 mth
Mr. Vijay Babar	M.Sc, Ph.D., PGDCSc (Biostatistics)	Assistant Professor	Biostatistics	22, 06 mth
Dr. Nikhil Dhande	MBBS, MD, Fellowship	Assistant Professor	Community Medicine, Occupational & Environmental Medicine	5 yrs
Dr. Abhishek Joshi	MBBS, MD	Assistant Professor	Community Medicine	5 yrs, 7 mth
Dr. PramitaMuntode	MBBS, MD	Assistant Professor	Community Medicine	06 yrs, 09 mth
Dr. SarikaDakhode	MBBS, MD	Assistant Professor	Community Medicine	04 yrs, 6 mth
Dr. DrPrashilJumade	MBBS, MD	Assistant Professor	Community Medicine	4yr, 2mth

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

SN	Name	Institute
1.	Dr Sanjay Zodpey	PHFI Delhi
2.	Dr Deepak Saxena	IIPH, Gandhinagar
3.	Dr. KanchanMukherji	TISS Mumbai
4.	Dr. PadamSimkhada	Liverpool John Mores University, UK
5.	Dr.Anurag Shankar	Harvard T. H. Chan School of Public Health, Harvard University, USA
6.	Dr. Carolyn Woodhouse	Southern Georgia University USA
7.	Dr. ShailendraSawleshwarkar	Sydney Medical School, University of Sydney
8.	Dr. PromodRegmi	Bluemounth University, UK

**13. Percentage of classes taken by guest faculty – program-wise information:**

Sr No	Program /Course	Name of guest speaker	Affiliation
1		Dr Sanjay Zodpey	Vice President - Academics, Public Health Foundation of India, New Delhi;

	MDand Master of Public Health(MPH) students [Approximate 10% classes]		Director - Indian Institute of Public Health, Delhi
2		Dr Penny Holding	Panel expert, Grand Challenge Canada
3		DrAnuraj Shankar	Senior Scientist, Harvard School of Public Health, USA
4		Dr SD Kandpal	Professor, Dept of Community Medicine, Himalayan Institute of Medical Sciences, Swami Rama Himalayan University, Deharadun, Uttarakhand
5		DrSumit Kane	KIT Health, Royal Tropical Institute, Amsterdam, The Netherlands.
6		DrPramodRegmi	Bournemouth University, UK
7		Dr. Gadavi	IIPH, Gujarat
8		DrKaumudijoshipura	Prof in Epidemiology, Havard University, US
9		Dr Sharma	Dept of Internal Medicine, AIIMS, Delhi
10		DrMrsAnju Sharma	Scientist 'G', Division of Publication & Information, Indian Council of Medical Research, Department of Health Research, New Delhi, India
11	MBBS students, Interns	Tata consultancy services , Nagpur	Recruitment drive workshop

14. Program-wise Student Teacher Ratio

Program	Student Teacher Ratio
UG	16:1
MD	1:1
MPH	1:1
Fellowship	2:1
Ph.D	5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Sr.No.	Designation	Sanction	Filled	Actual
1	Technical Staff(Lab.Tech.)	5	5	5

2	Administrative staff (PRO,Clerk,SI,MSW,Steno,Attendant,Sweeper)	37	37	37
---	--	----	----	----

16. Research thrust areas as recognized by major funding agencies

1. Early Childhood Development
2. Infant and Young Child Feeding
3. Reproductive and Child Health
4. Tribal health
5. Cancer Screening
6. Nutrition and Food Security
7. Health planning and health policy
8. Health Workforce (ASHA) Capacity Building
9. Systematic Review & Meta Analysis and Evidence Synthesis

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Faculty	Project Title	Name and type of funding Agency	Grant received
<b>Ongoing</b>			
DrAbhayGaidhane& Dr S Z Quazi	Rapid Diagnosis of Frail and Sick Newborns with a Handheld Vital Sign Monitor	USAID (through Harvard University)	<b>2674964</b>
Dr S Z Quazi DrAbhayGaidhane	Development for thrive multisite study :openSRP for Maternal, Newborn, and child health WHO, supported by the Qualcomm Wireless Reach Initiative	Sub Contract Agreement from the Summit Institute of Indonesia (WHO; Harvard University USA)	<b>1983760</b>
Dr S Z Quazi& DrAbhayGaidhane DrPramitaMuntode	Systematic Public Health Education Research and Empowerment Site (SPHERES)	Harvard School of Public Health Boston, USA	<b>1915290</b>
DrAbhayGaidhaneDr S Z Quazi	Saving Brains : Scaling early childhood development at Anganwadi Centers in India	Saving Brains Initiatives - Round 4 of Grand Challenges Canada	<b>12820868</b>



DrAbhayGaidhane Dr S Z Quazi & DrAbhishek Joshi	Nutrition and Parenting Intervention for Cognitive Development of Children at 2 years of age in rural India	Saving Brains Initiatives - Round 5 of Grand Challenges Canada	<b>1.5 cr</b>
DrAbhayGaidhane Dr S Z Quazi DrSwaroopachakole	Epidemiological Study on Estimating the Burden of Soil Transmitted Helminthes Infections among Pregnant Women	Public health Research Initiatives of DST India and Public Health Foundation of India	<b>29,66,254</b>
Dr S Z Quazi DrAbhayGaidhane DrSarikaDakhode	Community Based Participatory Research In Tribal Health: Improving Health through Comprehensive Health Approach - Aarogya Plus Project in and around Pench Tiger Reserve Maharashtra.	Wildlife Conservation Trust (WCT) Mumbai  Conservation Wild lands trust (CWT) Mumbai	4500000
DrAbhayGaidhane Dr S Z Quazi	Effect of Social Media on Adolescent health : A systematic review &Meta Analysis	Indian Council Medical Reseach (ICMR)	<b>234300</b>
DrAbhayMudey DrVasantwagh DrAbhishekIngole Dr Nikhil Dhande	Breast cancer Awareness and screening programme	Mania Foundation, USA	<b>268590</b>
DrAbhayGaidhane Dr S Z Quazi NavnitaJadhav (MPH Student)	Lifestyle, health & wellbeing of Nepali migrants in India: A qualitative study	Bournemouth University, UK	<b>206693</b>
DrAbhayGaidhane Dr S Z Quazi & DrSonaliChaudhari	Positive Parenting Program for Early Childhood Development in Rural India	Public health Research Initiatives of DST India and Public Health Foundation of India	<b>30 lacs</b>
DrAbhayGaidhane Dr S Z Quazi & DrAbhishek Joshi	Health Facility Level Assessment of WASH Practices	IIPH, Gandhi Nagar	<b>20000</b>
<b>Completed</b>			

Dr R C Goyal Dr Sonali Chaudhari Dr Vijay Bhagat	Prospective dengue seroprevalence study in Indian Children (Dengue)	Sanofi Pasteur S.A. France	<b>598256</b>
Dr Abhay Gaidhane Dr S Z Quazi Dr Manish Sharma Dr Guddi	District Health Management and Public Service Delivery: Evidence from India	Public Health Foundation of India, Indian Institute of Public Health- Gandhi Nagar (PHFI)	<b>13100</b>
Dr Abhay Gaidhane Dr S Z Quazi	Evaluation of Public Private Mix (PPM) Model under RNTCP for rural area Wardha District	Maharashtra state Anti TB Association Mumbai RNTCP	70000
Dr Abhay Gaidhane Dr S Z Quazi Priti Kogde	Evaluation of Implementation of Sickle Cell Disease Control Programme in Maharashtra : Comparison of Performance of Selected districts covered by NGOs & ASHAs	State Health Resources Centre (SHRC)	234000
Dr S Z Quazi Dr Abhay Gaidhane Dr Deepak Selokar	Project RCH Phase - II RCH Service Delivery in underserved areas of Wardha District of Maharashtra (Service NGO)	Ministry of Health and Family Welfare, Government of India	<b>717404</b>
Dr Abhay Gaidhane Dr S Z Quazi Dr Sarika Dakhode	Emergency obstetrics care Facilitators for District Quality Assurance program for RCH - 2 for Maharashtra State	UNFPA India Centre for Health and Social Justice	<b>419752</b>
Dr Abhay Gaidhane Dr S Z Quazi	Community care center for People living with HIV & AIDS : Training of TI NGOs in HIV Prevention and care	AVERT Society, Mumbai and MSACS Karnataka Health System Promotion Trust (KHPT)	
Dr S Z Quazi	Drug -resistant tuberculosis : study of clinical practices of chest	Foundation for Medical Research (FMR)	<b>13100</b>

	Physicians Maharashtra, India		
DrAbhayGaidhane Dr S Z Quazi	Assessment of JSY Program under PPP in Amravati District of Maharashtra	FRCH Pune	<b>4500000</b>
DrAbhayGaidhane Dr S Z Quazi DrPramitaMuntode	Training of District Epidemiologist & DSO in Maharashtra and Chattisgarh state	National Health Resource Centre (NHRC)	<b>717404</b>

18. Inter-institutional collaborative projects and associated grants received  
a) National collaboration b) International collaboration

<b>Project title</b>	<b>Collaborating Agency</b>	<b>Associated grants received</b>
<b>National collaboration</b>		
<b>Ongoing</b>		
Effect of Social Media on Adolescent health : A systematic review &Meta Analysis	Indian Council Medical Research (ICMR)	<b>234300</b>
Community Based Participatory Research In Tribal Health : Improving Helath through Comprehensive Health Approach - Aarogya Plus Project in and around Pench Tiger Reserve Maharashtra.	Wildlife Conservation Trust (WCT) Mumbai  Conservation Wild lands trust (CWT) Mumbai	<b>4500000</b>
Epidemiological study on estimating the burden of soil-transmitted helminthes infections amongst antenatal women in selected states of India	Public health Research Initiatives of DST India and Public Health Foundation India	<b>29,66,254</b>
Positive Parenting Program for Early Childhood Development in Rural India	Public health Research Initiatives of DST India and Public Health Foundation	<b>30 lacs</b>

	of India	
Health Facility Level Assessment of WASH Practices	IIPH, Gandhi Nagar	<b>20000</b>
<b>Completed</b>		
Evaluation of Public Private Mix (PPM) Model under RNTCP for rural area Wardha District	Maharashtra state Anti TB Association Mumbai RNTCP	<b>7339200</b>
District Health Management and Public Service Delivery: Evidence from India	Public Health Foundation of India, Indian Institute of Public Health- Gandhi Nagar(PHFI)	<b>13100</b>
Evaluation of Implementation of Sickle Cell Disease Control Programme in Maharashtra : Comparison of Performance of Selected districts covered by NGOs & ASHAs	State Health Resources Centre (SHRC)	<b>5000</b>
Community engagement and awareness for tuberculosis prevention and control in rural Wardha	Catholic Health Association of India (CHAI)	
Project RCH Phase - II RCH Service Delivery Intervention in un underserved areas of Maharashtra Thoruth Service NGO	Ministry of Health and family welfare, Government of India	<b>717404</b>
Emergency obstetrics care Facilitators for District Quality Assurance program for RCH - 2 for Maharashtra State	UNFPA India Centre for Health and Social Justice	<b>419752</b>
Community care center for People living with HIV & AIDS : Training of TI NGOs in HIV Prevention and care	AVERT Society, Mumbai and MSACS Karnataka Health System Promotion Trust (KHPT)	<b>234300</b>
Drug -resistant tuberculosis : study of clinical practices of chest Physicians Maharashtra, India	Foundation for Medical Research (FMR)	<b>13100</b>

Assessment of JSY Program under PPP in Amravati District of Maharashtra	FRCH Pune	4500000
Training of District Epidemiologist & DSO in Maharashtra and Chattisgarh state	National Health Resource Centre (NHRC)	717404
<b>International collaboration</b>		
<b>Ongoing</b>		
Effectiveness of maternal nutrition and parenting program on cognitive development of children from rural India at 2 years of age: A Cluster Randomized Controlled Trial	Grand Challenge Canada	1 Crore 25 Lakh
Breast cancer Awareness and screening programme	Mania Foundation, USA	268590
Lifestyle, health & wellbeing of Nepali migrants in India: A qualitative study	Bournemouth University, UK	206693
Rapid Diagnosis of Frail and Sick Newborns with a Handheld Vital Sign Moniator	USAID (through Harvard University)	2674964
Development for thrive multisite study :openSRP for Maternal, Newborn, and child health WHO, supported by the Qualcomm Wireless Reach Initiative	Sub Contract Agreement from the Summit Institute of Indonesia (WHO; Harvard University USA)	1983760
Systematic Public Health Education Research and Empowerment Site (SPHERES)	Harvard School of Public Health Boston (USA)	1915290
Saving Brains : Scaling early childhood development at Anganwadi Centers in India	Grand Challenges Canada	12820868
<b>Completed</b>		
Prospective dengue seroprevalence study in Indian Children (Dengue)	Sanofi Pasteur S.A. France	598256

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

<b>Project Title</b>	<b>Name and type of funding Agency</b>	<b>Investigator &amp; Faculty involved</b>	<b>Grant received</b>
Effect of Social Media on Adolescent health : A systematic review & Meta Analysis	Indian Council Medical Reseach (ICMR)	DrAbhayGaidhane Dr S Z Quazi	<b>234300</b>
Community Based Participatory Research In Tribal Health: Improving Health through Comprehensive Health Approach - Aarogya Plus Project in and around Pench Tiger Reserve Maharashtra.	Wildlife Conservation Trust (WCT) Mumbai  Conservation Wild lands trust (CWT) Mumbai	Dr S Z Quazi DrAbhayGaidhane DrSarikaDakhode	<b>4500000</b>
Breast cancer Awareness and screening programme	Mania Foundation, USA	DrAbhayMudey DrVasantwagh DrAbhishekIngole Dr Nikhil Dhande	<b>268590</b>
Lifestyle, health & wellbeing of Nepali migrants in India: A qualitative study	Bournemouth University, UK	DrAbhayGaidhane& Dr S Z Quazi NavnitaJadhav (MPH Student)	<b>206693</b>
Rapid Diagnosis of Frail and Sick Newborns with a Handheld Vital Sign Monitor	USAID (through Harvard University)	DrAbhayGaidhane& Dr S Z Quazi	<b>2674964</b>
Development for thrive multisite study :openSRP for Maternal, Newborn, and child health WHO, supported by the Qualcomm Wireless Reach Initiative	Sub Contract Agreement from the Summit Institute of Indonesia (WHO; Harvard University USA)	Dr S Z Quazi DrAbhayGaidhane	<b>1983760</b>
Systematic Public Health Education Research and Empowerment Site (SPHERES)	Harvard School of Public Health Boston, USA	Dr S Z Quazi& DrAbhayGaidhane DrPramitaMuntode	<b>1915290</b>

Saving Brains : Scaling early childhood development at Anganwadi Centers in India	Saving Brains Initiatives - Round 4 of Grand Challenges Canada	DrAbhayGaidhane Dr S Z Quazi DrSonaliChaudhari	<b>12820868</b>
Nutrition and Parenting Intervention for Cognitive Development of Children at 2 years of age in rural India	Saving Brains Initiatives - Round 5 of Grand Challenges Canada	Dr S Z Quazi DrAbhayGaidhane DrSarikaDakhode	<b>1.5 cr</b>
Epidemiological Study on Estimating the Burden of Soil Transmitted Helminthes Infections among Pregnant Women	DST- Public health Research Initiatives and India and Public Health Foundation of India	DrAbhayGaidhane Dr S Z Quazi& DrAbhishek Joshi	<b>29,66,254</b>
Positive Parenting Program for Early Childhood Development in Rural India	DST - Public health Research Initiatives and India and Public Health Foundation of India	DrAbhayGaidhane Dr S Z Quazi DrSwaroopachakole	<b>30 lacs</b>
Health Facility Level Assessment of WASH Practices	IIPH, Gandhi Nagar	DrAbhayGaidhane Dr S Z Quazi& DrSonaliChaudhari	<b>20000</b>
Mental Health assessment of People living with Cancer	Indian Council Medical Research (ICMR)	DrPramitaMuntode	

20. Research facility / centre with

- State recognition :
  - Faculty for DQAG Training, under Quality Assurance Program of NRHM - RCH II, Govt of Maharashtra
- National recognition :
  - Member of Expert Group (for Validation of tOPV to bOPV) for National Polio Certification Committee for Polio Eradication

- Observer and Faculty for FETP training under IDSP of Govt of India
- International recognition :
  - Bioethics Unit of UNESCO Chair in Bioethics, Haifa

21. Special research laboratories sponsored by / created by industry or corporate bodies

Research Lab	Sponsoring body
Dengue Sero-prevalence Study	SanofiPastuer
Mammography & Cancer Cervix Screening-Mobile Van	Rotary International
Mobile Health Van (Screening of Anemia, DM, etc) of Tribal Health Project in Pench Forest Zone	Wildlife Conservation Trust (WCT) Mumbai

22. Publications:

Year	Number of Publications	National Publications	International Publications
2012	31	11	20
2013	29	11	18
2014	34	18	16
2015	19	4	15
2016	26	17	9
2017	10	02	08

- \* Number of papers published in peer reviewed journals (national / international) : 135
- \* Monographs : 06

Sr. No.	Title	ISBN No.
1.	Community Healthcare Programme; assets and Pitfalls - Dr. AbhayMudey	978-3-639-76737-7
2.	Health Promoting Schools in India;A Concept in Action- Dr. AbhishekIngole	978-3-659-79474-2
3.	Rural Internship Training Programme-Dr. MeenakshiKhapre	978-3-639-76898-5
4.	Nutritional Status of late adolescent Girls for India - Dr. VarunGaiki	978-3-8484-3467



5.	HIV transmission risk behavior amongst truckers of District of India ; HIV riskbehaviour among truckers - Dr. S Z Quazi	-
6.	Comparative study of MPBL and Traditional Lecture in Community Medicine]	978-3-330-07388-3

\* Chapters in Books : 4

Sr. No.	Title	Author
1	Human Development Yearbook 2012 - Strengthening Health System to address child health	Dr. A. Gaidhane, S. Z. Quazi
2	Steps involved in research methodology for University Dissertation/Thesis - Steps involved in thesis Writing	Dr. A. Gaidhane, S. Z. Quazi
3	Mental health Training for Health Professionals : Global Mental Health Assessment Tool (GMHAT) - A study of mental Disorders Among TB Patients using Global Mental Health Assessment Tool (GMHAT)	S.Z. Quazi, A. Gaidhane
4	Mental health Training for Health Professionals : Global Mental Health Assessment Tool (GMHAT) - Effectiveness of counselling on breastfeeding outcome among women with Mental Disorders using Global Mental Health Assessment Tool (GMHAT) -	S.Z. Quazi, A. Gaidhane
5	Public Health Aspect of Child Sexual Abuse	S.Z. Quazi, A. Gaidhane

\* Books : 7 -ISBN No.

Sr. No.	Title	ISBN No.
1	Research Methodology for Health Professionals - Dr. R C Goyal	978-93-5025-101-0

\* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)

Year	Number of Publications	Scopus Indexed Publications	Pub med Indexed Publications
------	------------------------	-----------------------------	------------------------------

2012	31	1	0
2013	29	5	3
2014	34	5	1
2015	19	8	2
2016	26	2	1
2017	10	4	4

- \* Citation Index - Average : 23.5
- \* SNIP : 18.69
- \* SJR : 2.36
- \* Impact Factor - range / average : 6.2
- \* h-index : 12

**1.** Details of patents and income generated

Sr. No.	Name of Faculty	Patent Filed	Patent published	Income Generated
01	Dr. AbhayMudey	1	1	Nil

**24.** Areas of consultancy and income generated

Sr. No.	Faculty	Clint Organization	Project title	Funds
1	Dr. S. Z. Quazi& Dr. AbhayGaidhane	Qualcom	Development for thrive multisite study :openSRP for Maternal, Newborn, and child health WHO, supported by the Qualcomm	1,983,760

			Wireless Initiative	Reach	
2	Dr. S. Z. Quazi & Dr. Abhay Gaidhane	Public Health Foundation of India, Indian Institute of Public Health- Gandhi Nagar (PHFI)	District Health Management and Public Service Delivery: Evidence from India		562,500

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Sr. No.	Name of Faculty	Visited laboratories / institutions / industries in India and abroad
1	Dr. Abhay Gaidhane	<p><b>National:-</b>  PHFI, New Delhi,  IIPH Gandhi Nagar, Gujarat  CMC Vellore  YCCE, Nagpur  BTIEC Center, VNIT, Nagpur  Sushila Nayar School of Public Health, Sewagram, Wardha  NEERI, Nagpur  Tata Institute of Social Sciences of Mumbai</p> <p><b>International:-</b>  International Hindi University, Wardha  University of Sydney, Australia  Liverpool John Moores University, UK  Chester University, UK  University of Sheifield, UK</p>
	Dr. Abhay Mudey	International Hindi University, Wardha, (Hindi Vishwa Vidyalaya)
Q	Dr. S Z Quazi	<p><b>National:-</b>  PHFI, New Delhi,  IIPH Gandhi Nagar, Gujarat  CMC Vellore</p>

		YCCE, Nagpur BTIEC Center, VNIT, Nagpur SushilaNayar School of Public Health, Sewagram, Wardha NEERI, Nagpur Tata Institute of Social Sciences of Mumbai <b>International:-</b> International Hindi University, Wardha,(Hindi VishwaVidyalaya) University of Sydney, Australia Liverpool John Moores University, UK Chester University, UK University of Sheifield, UK
	Dr. VasantWagh	Pravara Institute
	DrSonaliChaudhari	National - MCI Observer for Basic Course in Medical Education- LMC, Nagpur
	DrAbhishekIngole	National - MCI Observer for Basic Course in Medical Education- JIJU's, Badnapur Medical College, Warudi, Jalana
	Dr Nikhil Dhande	National Environmental Engineering Research Institute, Environment Health Dept, Nagpur. Trivandrum Institute of Palliative Science, Trivandrum, Kerala.

26. Faculty serving in  
 a) National committees b) International committees c) Editorial Boards d) any other (specify)

National committees	<ul style="list-style-type: none"> <li>• Member of Expert Group (for Validation of tOPV to bOPV) for National Polio Certification Committee for Polio Eradication</li> <li>• Executive Committee Member - IAPH</li> <li>• Trivandrum Institute of Palliative Science, Trivandrum, Kerala</li> </ul>
International committees	<ul style="list-style-type: none"> <li>• Global Consortium for Public Health Research</li> <li>• South Asia Infant Feeding Research Network</li> <li>• Thrive Consortium of WHO for OpenSRP</li> <li>• Bioethics</li> </ul>

Editorial Boards	<ul style="list-style-type: none"> <li>• Journal of DMIMS</li> <li>• The Health Agenda</li> <li>• Student Journal of HealthSciences</li> </ul>
------------------	--

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

(to conform from lalit Sir- IQAC)

Workshops, training programs	Faculty
Basic Course workshop in Medical Education	All faculties trained in Basic course in MET (100%)
Advance Course workshop in Medical Education	Dr. AbhayMudey Dr. SonaliChoudhari,
Workshop on Cochrane Systematic Reviews (23/08/16 to 25/08/16)	Dr. AbhayGaidhane Dr. ZaheerQuazi Dr. SonaliChoudhari, DrPramitaMuntode
Workshop on Data Analysis in Observational Study Designs (14/10/16 & 15/10/16)	<i>(As a Resource person)</i> Dr. AbhayGaidhane Dr. ZaheerQuazi Dr. SonaliChoudhari,
Workshop on 'Protocol Development' for PhD scholars (19/09/2016 and 20/09/ 2016)	<i>(As a Resource person)</i> Dr. AbhayGaidhane Dr. ZaheerQuazi Dr. SonaliChoudhari
International Conference on 'Transforming Lives and Health-Care through Technology' (TLHTicon 2017) 9 & 10 January 2017	All faculties of Dept were the members of the organizing committee of TLHTicon 2017
Orientation workshop on 'Writing Research Protocol' for PhD supervisors (18 <sup>th</sup> Jan 2017)	<i>(As a Resource person)</i> Dr. AbhayGaidhane Dr. ZaheerQuazi Dr. SonaliChoudhari, Dr. AbhishekIngole
Workshop on 'Protocol Development' for PhD scholars (19/09/2016 and 20/09/ 2016) (30/03/2017 to 31/03/2017)	<i>(As a Resource person)</i> Dr. AbhayGaidhane Dr. ZaheerQuazi Dr. SonaliChoudhari, Dr. AbhishekIngole
3T Bioethics training by Indian Program of Bioethics under UNESCO Chair in Bioethics , Haifa 27/06/2017-29//06/2017	All facultiesof Dept participated in Training program
Diploma in Hospital Management under National Institute of Health Family Welfare,	DrAbhishek Joshi

New Delhi	
Training in Pain and palliative care, Trivandrum Institute of Palliative Science, Trivandrum, Kerala	Dr Nikhil Dhande
CMC, Vellore	DrIngole

28. Student projects

- Percentage of students who have taken up in-house projects including inter-departmental projects- **2 MD Students (18.18%), All MPH students (100%)**
- Percentage of students doing projects in collaboration with other universities / industry / institute - **3 fellowship students (100%)**

29. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows
- Students

S N	AWARD	2012	2013	2014	2015	2016	2017
1	International level			01			
2	National level	01					01
3	State level			02	01		
4	University level	03	03	02	03	01	
	<b>TOTAL</b>	<b>04</b>	<b>03</b>	<b>05</b>	<b>04</b>	<b>01</b>	<b>01</b>

**2012:** Dr. Sarika Dakhode- Best paper award, IPHA, Kochi Kerala 2012; Dr Navita Kesharvani, University Gold Medal  
**2013:** Dr. Manish Sharma- Best thesis award (Univ); Dr. Nayak, University Gold Medal; Dr. Priya- Univ Gold Medal,  
**2014:** Dr Medha Mathur-- Univ Gold Medal, Dr. Sahas- Best paper award, Dr. Shrushti- Best paper award, Dr. Priti Kogde- Univ Gold Medal, Dr S Z Quazi- Fellowship  
**2015:** Dr. Manish Prasad & Dr. Bhavna- Univ Gold Medal, Dr. Deepti- best Paper award, Dr. Vasnt Wagh- Best Teacher Award, DMIMS (DU)  
**2016-** Dr Vasnt Wagh- Best Teacher Award, DMIMS (DU)  
**2017-** Dr Goral - 2<sup>nd</sup> prize for poster in SYMHEALTH national conference, Pune

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

<b>Sr. No</b>	<b>Date &amp; Year</b>	<b>Topic</b>	<b>Events</b>	<b>Source of Funding</b>
01	<sup>th</sup> 15 <sup>th</sup> -16 <sup>th</sup> September 2012	EPPR WHO	CME	WHO
02	<sup>st</sup> 31 August 2012	Role of GPs in RTA	CME	Nil
03	2012	ASHA trainings (Four)	Trainings	Nil
04	2013	IDSP (three workshop)	Workshop	IDSP
05	2013	Healthy ageing	CME	Nil
06	<sup>th</sup> 18 <sup>th</sup> -20 <sup>th</sup> September 2014	Research Methodology	Workshop	MCI
07	<sup>th</sup> 28 November 2014	Legal & ethical aspects of health care	CME with FMT	Nil
08	<sup>th</sup> 28 Jan 2015	Vector borne diseases	CME	Nil
09	<sup>st</sup> 31 March 2016	Recent advances in TB & HIV	Interdepartmental CME	Nil
10	<sup>nd</sup> 2 <sup>rd</sup> & 3 <sup>rd</sup> June 2016	Breast cancer screening & awareness	Training of MO & health workers	Maina Foundation
11	23 <sup>th</sup> Aug 2016 To 25 <sup>th</sup> Aug 2016	Workshop on Cochrane Systematic Reviews	Workshop	
12	19 <sup>th</sup> Sept 2016 and 20 <sup>th</sup> Sept 2016	Workshop on 'Protocol Development' for PhD scholars	Workshop	

13	14 <sup>th</sup> & 15 <sup>th</sup> October 2016	Data Analysis in Observational Study Designs	Workshop	Nil
14	9 <sup>th</sup> and 10 <sup>th</sup> Jan 2017	Transforming Lives and Healthcare through Technology	International Conference	MCI
15	18 <sup>th</sup> Jan 2017	Orientation workshop on 'Writing Research Protocol' for PhD supervisors	Workshop	
16	30 <sup>th</sup> March 2017 to 31 <sup>st</sup> March 2 017	Workshop on 'Protocol Development' for PhD scholars	Workshop	
17	27/06/2017- 29//06/2017	3T Bioethics training by Indian Program of Bioethics under UNESCO Chair in Bioethics , Haifa	Training/ Workshop	MCI

31. Code of ethics for research followed by the departments

**Yes,**

**All research Projects are undertaken after the approval of Institutional Ethics Committee.**

**Department follow the IPR guidelines framed by University.**

**Faculty from the Department are trained in GCP.**

32. Student profile program-wise :

	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female



<b>MD</b>					
<b>MD 2012-13</b>	4	4	0	2 i.e. 50% (Summer)	0
<b>MD 2013-14</b>	1	0	1	0	100% (Summer)
<b>MD 2014 -15</b>	1	1		0	
<b>MD 2015 -16</b>	5	3	2	<b>Ongoing</b>	
<b>MD 2016 -17</b>	5	4	1	<b>Ongoing</b>	
<b>MD 2017-18</b>	0	NA	NA	<b>NA</b>	
<b>MPH</b>					
<b>MPH 2012-13</b>	2	2	2	2(100 %)	2(100 %)
<b>MPH 2013-14</b>	4		4		4(100 %)
<b>MPH 2014-15</b>	1		1		1(100 %)
<b>MPH 2015-16</b>	3	0	3		3 (100%)
<b>MPH 2016-17</b>	6	0	6		<b>Ongoing</b>
<b>MPH 2017-18</b>	05	0	3		<b>Ongoing</b>

33. Diversity of students

<b>Name of the Program (refer to question no. 4)</b>	<b>% of students from the same university</b>	<b>% of students from other Universities Within the State</b>	<b>% of students from universities outside the State</b>	<b>% of students from other Countries</b>
MD	7(9.59 %)	13(17.80 %)	53(72.60 %)	0(0 %)
UG	100	32.25	52.75	15
MPH	10	25	55	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

NIL

35. Student progression

<b>Student Progression</b>	<b>Percentage against enrolled</b>
UG to PG	<b>53%</b>
PG to Fellowship, M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>3%</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campus selection	<b>24%</b>
• Other than campus recruitment	<b>7%</b>
Entrepreneurs	<b>12%</b>

36. Diversity of staff

<b>Percentage of faculty who are graduates</b>	
of the same university	27.27 % (3/11)
from other universities within the State	72.73 % (8/11)
from universities from other States	0 %
from universities outside the country	0 %

37. Number of **faculty** who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period : 03

**Ph. D.** - Dr. Abhay B Mudey

- Dr S Z Quazi

**M. Phil.** - Dr. ShubhangiBawiskar

- DrSonalichaudhari

- DrAbhishekIngole

**Fellowship** - Dr.Sonalichoudhari

-Dr. MeenakshiKhapre

- Dr. Manish Sharma

- Dr. Manish Prasad

- Dr. Nikhil Dhande

38. Present details of departmental infrastructural facilities with regard to

a) Library :**Available (no. of books - 363)**

b) Internet facilities for staff and students :**Available**

c) Total number of class rooms :**4**

- d) Class rooms with ICT facility and 'smart' class rooms -**Available**
- e) Students' laboratories : **Available**
- f) Research laboratories :**Available**

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/ university  
 Doctoral- DrAbhayMudey, Dr S Z Quazi.  
 Post-Doctoral-

Research Associates  
 Dr. ManojPatil  
 ShitalTelrandhe  
 PritiKogde  
 IndrajeetLabhane

- b) from other institutions/ universities – Nil

40. Number of post graduate students getting financial assistance from the university.  
 02

41. Was any need assessment exercise undertaken before the development of new program(s) ? If so, highlight the methodology.

**Yes, need assessment exercise is undertaken before the development of new program using the PathakVagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office government of India and is based on context analysis, user analysis and work analysis**

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback ?

**Yes,TheFeedbackfromfacultiesareutilizedfor development, designing and updation of curriculumandsyllabus.**

- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback ?

**Yes, The Feedback from students are utilized for improvement of performance of the staff and updation of curriculum.**

- c. alumni and employers on the programs offered and how does the department utilize the feedback ?

**Yes, The Feedback from them are utilized for identification of needs for development, designing and updation of curriculum and syllabus.**

43. List the distinguished alumni of the department (maximum 10)

Sr. No.	Name of Alumni	Place of Working
1	Dr. Naznin Khanam	Associate Professor, RIMS, Raipur
2	Dr. Rajesh Sambutwad	Associate Professor, IIMS, Badnapur, Jalna
3	Dr. Smrutiranjana Nayak	Associate Professor, KIMS, Odissa
4	Dr. Varun Gaiki	Assistant Professor, MRMC, Hyderabad
5	Dr. Medha Mathur	SR, AIIMS, Jodhpur
6	Dr. Shailesh Kumar Kukade (MPH)	District Co-ordinator NCD, Civil Hospital Bhandara
7	Dr. Manoj Patil (MPH)	Program co-ordinator, Stepping Stones Project
8	Dr. Mukund Rao Ghodeswar (MPH)	RMNCHA Consultant District Mahasamund, Chhattisgarh, under NHM
9	Dr. Hemeshwar Singh Joshi (MPH)	Dist RMNCH Consultant, Balod, CG
10	Dr. Shristi Yadu (MPH)	NRHM, Raipur
11	Dr. Manish Sharma	THO, District Akola
12	Dr. Chandrashekhar Tiwari (MPH)	State Public Health Expert (NUHM), Raipur, Chhattisgarh
13	Dr. Prerna Raut (MPH)	Project Manager in RSV project at MAHAN trust Melghat

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts. (last 4 years)

**Guest Lectures for MBBS, MD and MPH**

<b>Speaker</b>	<b>Date</b>	<b>Topic</b>
Dr. Arun Pawade, General physician Wardha	31/08/12	CME on Role of GPs in RTA
Dr. Ajay Dawle, ADHO Wardha	16/02/13	Healthy Ageing
Dr. B N Mishra, Professor, RDGMC, Ujjain Dr. Subodh Gupta, Professor MGIMS, Sevagram	18/09/14	Research Methodology
Dr. Pradeep Deshmukh, Professor MGIMS, Sevagram	20/09/14	Research Methodology
Dr. Ajay Dawle, ADHO Wardha	28/01/15	CME on Vector Borne Diseases
Dr. Sumit Kane, School of Public Health, Netherlands	14/12/2016	Scope of Public Health and Career prospects in Public Health
Dr. Sumali Bajaj, Harvard School of Public Health, US	16/06/2016	Training on Data Analysis using STATA
Officials from Tata consultancy services, Nagpur	02/04/2016	Recruitment drive (workshop) for Interns and Final MBBS students
Dr. Shashank Behere, Pediatric cardiologist	22/01/2017	Metabolic syndrome
Dr Penny Holding	19/09/2016	Early childhood development and positive parenting'
Dr SD Kandpal	02/12/2016	Spirituality and health
Dr Sumit Kane	14/12/2017	Recent trends in Global health'
Dr Pramod Regmi	11/01/2017 to 12/01/2017	Qualitative research'
Dr. Gadavi	01/07/2017	Public Health In Indian scenario- scope & opportunities
Dr Kaumudi Joshipura	01/07/2017	V Moves-
Dr Sharma, Professor, Dept of Internal Medicine, AIIMS, Delhi	07/07/2017	Index Tuberculosis guidelines
Dr Anju Sharma, Scientist 'G', Division of Publication & Information, Indian Council of Medical Research, Department of Health Research, New Delhi, India	07/07/2017	Art of Writing a Good Research Article & Current Issues in Biomedical Publication

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

**Community Health & Academic Partnership - Integrated Health Team approach**

**Small group teaching**

**Problem Based Learning**

**Integrated Teaching**

**Case Based Learning**

**Debates**

**Didactic Lectures**

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

- Marker point analysis in Academic Appraisal programs,
- Students **Feedback and**
- **Formative Assessments.**

47. Highlight the participation of students and faculty in extension activities.

**Students' participation in community based Learning**

<b>Name of activity</b>	<b>Place</b>
<b>Community Health Team</b> CHCPfor MBBS, BDS and Basic Nursing Students	Hingani (2013) Waifad&Lonsawali (2014) Sukali&Surgao (2015) Vadgaon&Antargaon (2016)
<b>NSS</b> 1) International Yoga Day Year 2015, 2016, 2017 2) Tree plantation	DMIMS (2015, 2016, 2017) Seloo,DMIMS, Hingani (2016) DMIMS, Hingani,Deoli, Arvi, Aanji (2017)
<b>Health Camps and Health Education Activity</b> Multi-diagnostic and Mini camps	<b>In rural &amp; urban area of District - (2013- 2017 )</b> Amaravati, Yavatmal, Chandrapur, Akola, Nagpur, Wardha, Bhandara, Gondia,....

**Faculty involvement in Any Other Institutional activities including co-curricular activities**

<b>Faculty</b>	<b>Activity</b>
<b>Dr. Wagh</b>	Field training of students, camps & visits, monitoring of centers, Co-convener examination cell,
<b>Dr. AB Mudey</b>	Dean JNMC, Director Hospital Field and Extension Division,
<b>Dr. AbhayGaidhan e</b>	Head, Bioethics Unit, UNESCO Chair(Haifa) DMIMS(DU) University Research Cell PhD cell Institutional Ethics Committee, Academic Council Research Guidance Clinic Director CoE, SEPH
<b>Dr. S Z Quazi</b>	Director research & Development of University, PhD Cell, Head, Steering Committee, Bioethics Unit
<b>DrSwaroopachakole</b>	Field training of students, camps & visits, Involved in Research Project,
<b>Dr. SonaliChaudhari</b>	Member Secretary of Bioethics Unit, DMIMS(DU) Internship in-charge MPH Course Coordinator, Faculty in SHPER,
<b>Dr. AbhishekIngole</b>	Epidemiological investigations, Faculty in SHPER, Cancer screening project,
<b>DrPramitaMuntode</b>	NSS Program Officer, Outreach Center In-charge (UHTC, Wardha), Field training of students, school health survey, camps & visits,
<b>DrAbhishekJoshi</b>	Outreach Coordinator, Center In-charge (RHTC, Seloo), water testing of all campus, Field training of students, camps & visits
<b>Dr NikhilDhande</b>	Outreach Center In-charge (RHTC, Deoli), Field training of students, camps & visits, Telemedicine
<b>DrSarikaDakhode</b>	Field training of students, camps & visits, Involved in Research Project,
<b>DrPrashilJumde</b>	Outreach Center In-charge (RHTC, Pimplekhuta), Field training of students, camps & visits,

48. Give details of “beyond syllabus scholarly activities” of the department.
- School health checkup
  - Mini camps, Mega camps & Multidiagnostic camps
  - Adopted villages & families check up
  - Telemedicine centers
  - Family medicine OPD
  - Janjagaran in villages, Evening Village Meetings
  - Celebrations of important health days
  - Involvement in activities of Rotary & lions club
  - Specialty visits to Nachangaon ,Arvi, Pimpalkhuta
  - Public health laboratory
  - Epidemiological surveillance
49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

**Nil**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- A new textbook is being written on “The Basic Principles of Epidemiology”
  - Community Based Medical Education is being upgraded by the department through an innovative “Community Healthcare Program”

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

STRENGTHS	WEAKNESS	OPPORTUNITIES	CHALLENGES
<input type="checkbox"/> The department runs various programs including MBBS, MD Community Medicine, MPH, Fellowship courses	<input type="checkbox"/> Long term commitment of trained faculty for working with the institution is missing	<input type="checkbox"/> Research strengthening by applying for multinational, multicentre	<input type="checkbox"/> To fulfil the expectations of community and society



<p>and Ph. D. for all level of learners.</p> <ul style="list-style-type: none"> <li>□ Various national and international collaborations for Public Health Research and Faculty exchange</li> <li>□ Various funded and non-funded projects run by the department</li> <li>□ Department is involved in conducting various workshops and training programs under school of Public Health for researchers of various disciplines</li> <li>□ An innovative Community Health-Care Program (CHCP) is run by the department for providing community -based education to undergraduates.</li> </ul>		<p>research projects with huge grants.</p> <ul style="list-style-type: none"> <li>□ Academic strengthening by upgradingThe ‘School of Epidemiology and Public Health’ to international standards</li> <li>□ CHCP will help to asses community needs and strengthen the health-care services</li> </ul>	<p>by upgrading the department to a model Public health Institution</p>
--	--	--	---

**52. Future plans of the department.**

<b>Particular</b>	<b>Plan</b>
<p><b>Academic strengthening</b></p>	<ul style="list-style-type: none"> <li>□ To develop the modules, tools, techniques related to thrust areas in public health.</li> <li>□ To upgrade the ‘School of Epidemiology and Public Health’ to international standards</li> </ul>

<p><b>Research Strengthening</b></p>	<ul style="list-style-type: none"><li>❑ Applying for multinational, multicenter research projects with huge grants.</li><li>❑ Publications in high impact scientific journals</li><li>❑ Capacity building of staff &amp; students through international collaborations. ( Student &amp; faculty exchange, Sydney)</li><li>❑ Fellowships, Research &amp; training of staff in international collaborative agencies</li><li>❑ Collaboration with Public Health System for Interventional Research</li></ul>
--	---

## Evaluative Report of the Department

1. Name of the Department : Medicine
2. Year of establishment : 1990
3. Is the Department part of a college/  
Faculty of the university? : Part of College
4. Names of programs offered  
(UG, PG, Pharm D, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate,  
Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)  
  
**UG : MBBS**  
**PG : MD (Medicine)**  
**Post PG : Ph.D**  
**Fellowship : Palliative care, Geriatric Care**
5. Interdisciplinary programs and departments involved: **2**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: **2**
7. Details of programs discontinued, if any, with reasons :  
  
**Nil**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System–  
**UG : Semester**  
**PG : Annual**  
**Fellowship : CBCS**
9. Participation of the department in the courses offered by other departments  
  
**Dental-BDS IIIrd year / Physiotherapy - B.P. Th etc**

**10. Number of teaching posts sanctioned, filled and actual  
(Professors/Associate Professors/Asst.Professors/others)**

Medicine	Sanctioned	Filled	Actual (including CAS & 8MPS)
Professor	01	01	10
Associate Professor/Reader	13	04	05
Assistant Professor	07	07	10
Senior Resident	07	13	13

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Sunil Kumar	MD (Medicine)	Prof. & HOD	Medicine	12.10
Dr. A.H.Inamdar	MD (Medicine)	Professor	Medicine	25
Dr. A.K. Wanjari	MD (Medicine)	Professor	Medicine	22.11
Dr. T.K.Kamble	MD (Medicine)	Professor	Medicine	38.5
Dr. M.M.Patil	MD (Medicine)	Professor	Medicine	39.6
Dr. S.R.Khadse	MD (Medicine)	Professor	Cardiology	16.9
Dr. S.D.Zanwar	MD(Medicine)	Professor	Medicine	28.7
Dr. Rajesh Sarode	MD (Medicine)	Professor	Medicine	18.8
Dr. Sourya Acharya	DNB (Medicine)	Professor	Medicine	13.9
Dr. Anjalee Chiwhane	MD (Medicine)	Professor	Medicine	13.7
Dr. S.K.Gupta	MD (Medicine)	Asso. Professor	Medicine	18.6
Dr. R.T.Rawekar	MD (Medicine)	Asso. Professor	Medicine	14.4
Dr. S. Bawankule	MD (Medicine)	Asso. Professor	Medicine	07.5
Dr. Sachin Agrawal	MD (Medicine)	Asso. Professor	Medicine	06.10
Dr. Anuj Verma	MD (Medicine)	Asso. Professor	Medicine	4
Dr. Nirmesh Kothari	MD (Medicine)	Asstt. Professor	Medicine	6.8
Dr. Lalit Raut	MD (Medicine)	Asstt. Professor	Haematology	4.4
Dr. Vijendra Kirnake	MD (Medicine)	Asstt. Professor	Gastrology	05.6
Dr. Pankaj Raut	MD (Medicine)	Asstt. Professor	Cardiology	03.6
Dr. Gajendra Manakshe	MD(Medicine)	Asstt. Professor	Cardiology	06.02
Dr. Nitin Raisinghani	MD (Medicine)	Asstt. Professor	Medicine	01.07
Dr. Hasnayan Sabir	DNB (Medicine)	Asstt. Professor	Medicine	01.02

Dr. Tarun Rao	MD (Medicine)	Asst. Professor	Medicine	04.02
Dr. Manish Juneja	MD (Medicine) DM (Cardio)	Asst. Professor	Medicine	03.0
Dr. Sachin Dhote	MD (Medicine) Fellowship (Rheumatology)	Asst. Professor	Medicine	03.02
Dr. Sandip Mohale	DNB (Medicine)	Sr. Resident	Medicine	04.08
Dr. Rupali Iratwar	DNB (Medicine)	Sr. Resident	Medicine	08 01
Dr. Pritam Kitey	MD (Medicine)	Sr. Resident	Medicine	01.01
Dr. Prasad Gurjar	MD (Medicine)	Sr. Resident	Medicine	04.01
Dr. K.Varsha Reddy	MD (Medicine)	Sr. Resident	Medicine	0.6
Dr. Pallav Thakare	MD (Medicine)	Sr. Resident	Medicine	04. 8
Dr. Ayub Pathan	MD (Medicine)	Sr. Resident	Medicine	0.01
Dr. Nakul Kadam	MD (Medicine)	Sr. Resident	Medicne	03.02

**12. List of senior Visiting Fellows, adjunct faculty, emeritusprofessors**

Name of the Faculty	Type, Visiting Fellows, Adjunct Faculty, Emeritus Professors
Dr. S.K.Sharma, Ex. HOD AIIMS, New Delhi	Adjunct
Dr. Rajeev Ranjan, Senior consultant, Dept. of Neurology, Gangaram, Hospital, New Delhi	Adjunct
Dr. Amol Dongre	Adjunct
Dr. Lalit Raut	Adjunct

**13. Percentage of classes taken by temporary faculty – program-wise information**

Faculty	Program wise information
Dr. S.K.Sharma	Post graduate Lecture on Pulmonary Medicine and Critical Care, every
Dr. Lalit Raut	Post graduate Lecture on Hematooncology every Wednesday of months.
Dr. Rajeev	Yet to be started.

**14. Program-wise Student TeacherRatio**

Courses	Ratio
UG	10:1
PG	1:1
Ph.D	5:1

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:**

Designation	Sanctioned	Filled	Actual
Technical staff (Lab. Tech., ECG Tech. Dialysis Tech.	04	04	05
Administrative staff (Clerk, Steno, Storekeeper, Attendant.	08	08	09

**16. Research thrust areas as recognized by major funding agencies**

- Diabetes
- Criticalcare
- Poisoning
- MetabolicSyndrome
- Endocrinology

**17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. (4years)**

Agency	Project Title	Grant received
DMIMS (DU)	Correlation between left ventricular Hypertrophy and Microalbuminuria in Adult Hypertensive Patients in central Rural India (August 2016-July 2017)	DMIMS(DU) Sawangi (Meghe), Wardha
DMIMS (DU)	Study of highly sensitive C reactive protein level in patients with type II diabetes mellitus with evidence of coronary artery diseases. August 2016-July 2017)	DMIMS(DU) Sawangi (Meghe), Wardha
DMIMS (DU)	Study of overweight and obesity among Medical and Dental students in DMIMS(August 2016-July 2017)	DMIMS(DU) Sawangi (Meghe), Wardha
DMIMS (DU)	Association between hearing loss and anemia in elderly population: A Rural Institutional study. (April 2016-April 2018)	DMIMS(DU) Sawangi (Meghe), Wardha
DMIMS (DU)	Cardiovascular Risk in profile in Metabolically Healthy Obesity (Ph.D) February 2016 – January 2019	DMIMS(DU) Sawangi (Meghe), Wardha

DMIMS (DU)	Antibiotic prescribing practices and Prevalence of Antibiotic Resistance in Patients with Respiratory Infections in Intensive care unit (June 2015-January 2016)	DMIMS(DU) Sawangi (Meghe), Wardha
DMIMS (DU)	Outcome in patients of myocardial infarction at Tertiary care hospital in Central India: A Prospective study. (December 2014- December 2017)	DMIMS(DU) Sawangi (Meghe), Wardha
DMIMS (DU)	Vaodatopm pf frao;tu rosl omdex amd esto,atopm pf [rpgmpstoc acciracu pf frao;tu omstri,emts fpr a;; caise ,prta;out om Rural Central India: one year follow up study (Ph.D) October 2014-December 2017)	DMIMS(DU) Sawangi (Meghe), Wardha
DMIMS (DU)	Rapid VS slow intravenous iron sucrose for treatment of iron deficiency anaemia in antenatal patients(January 2014-January 2015)	Funded, ICMR
DMIMS (DU)	Neonatal hearing screening at a rural teaching hospital – optimizing a rational strategy using automatic auditory brainstem audiometry and otoacoustic emissions. (December 2013-December 2016)	Funded, ICMR
DMIMS (DU)	Incidence of Microorganism causing septicemia and determination of antibiotic sensitivity pattern in AVBRH ( July 2013 – September 2014)	DMIMS(DU) Sawangi (Meghe), Wardha
DMIMS (DU)	Effectiveness of salivary uric acid levels as a noninvasive biological indicator of cardiometabolic risk in patients with metabolic syndrome. (June 2013-June 2014)	DMIMS(DU) Sawangi (Meghe), Wardha
DMIMS (DU)	Study of association of body mass index with hypertension in elderly in rural Central India (June 2013-December 2013)	DMIMS(DU) Sawangi (Meghe), Wardha
DMIMS (DU)	To study the prevalence of abdominal obesity dyslipidemia and insulin resistance in prehypertensive young adults of a deemed university. (February 2013-October 2013)	Funded, ICMR
DMIMS (DU)	Atlas in surgical pathology (October 2012- October 2013)	DMIMS(DU) Sawangi
DMIMS (DU)	Diagnostic accuracy of manual versus doppler method of ankle brachial index to detect peripheral vascular disease in stroke patients. (October 2012-October 2014)	Funded, ICMR
DMIMS (DU)	BNP in critically ill patients – A multicentric study. ( September 2012- March 2013)	Funded, Autonomus
DMIMS (DU)	Mesurment of ankle bracial index in cronic kidney disease.September 2012-September 2014)	Funded, ICMR
DMIMS (DU)	Prevalence of Pre-diabetes in students of a Medical College in Central India, (ICMR Funded STS Project) September 2012- December 2012	Funded, ICMR

DMIMS (DU)	Risk Factors of Type 2 Diabetes Mellitus Among Adolescent from Rural Area of Wardha District. (ICMR Funded STS Project) September 2012-December 2012)	Funded, ICMR
DMIMS (DU)	Corelation of GFR and duration of heamodialysis with nueropathy in patients of CKD(August 2012-February 2013)	Funded, ICMR
DMIMS (DU)	Association between Periodontitis and Tuberculosis (July 2012-January 2013)	Funded,
DMIMS (DU)	Dyslipidemia in persons with type-2 Diabetes mellitus at AVBR hospital wardha (MS) June 2012-= February 2013)	DMIMS(DU) Sawangi (Meghe),Wardha
DMIMS (DU)	Study of free haemoglobin as an marker for hemolytic anemia complicaitions (April 2012- April 2015)	DMIMS(DU) Sawangi (Meghe),Wardha
DMIMS (DU)	Clinical, microbiologica and Histopathological evaluation of the periodontal status in leprosy patients at four different centres in Vidarbha region, India(March 2012-November 2012)	Funded, ICMR
DMIMS (DU)	Effect of Hemodialysis on the Hearing status in patients of chronic kidney diseases (March 2012-December 2015)	DMIMS(DU) Sawangi (Meghe),Wardha
DMIMS (DU)	The human ABO blood group and Rhesus factor: An exploring link sto drug induced gingival hyperplasia. (March 2012- September 2012)	Funded, ICMR
DMIMS (DU)	A study of functional capacity of offsprings of hypertensives versus normotensive parents by six minutes walk test. (February 2012- August 2012)	Funded, ICMR

**18. Inter-institutional collaborative projects and associated grantsreceived**

a) National collaboration b) International collaboration

Project title	Collaborating Agency	Associated grants received
Ayush Project for Diabetes Mellitus (January 2016-December 2018)	Ayush	Funded,
Malaria Research	NIH	2.1 Cr
Heart rate variability and its correlation with cardiac metabolic risk factor.	National collaboration	Under process
Heart failure Registry in collaboration with university of PADUA, Italy (CTVS Department)	International collaboration	Under process



19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

**S.T.S. Project – 9; 2 approved by ICMR.**

**1) Ms. Nancy Mahapatra in month of April 2017 (Third MBBS)  
“Myocardial Performance Index in Prediabetes in Medical Staff”**

**2) Mr. Aditya Khandekar, (Third MBBS)  
“Study of Mean Platelet Volume in Sickle cell anaemia”**

20. Research facility / centre with ( including national program setc)

National Programmes	Palliative care with Pallium India and TATA Trust
---------------------	---

21. Special research laboratories sponsored by / created by industry or corporate bodies:  
NIL

22. Publications :

- Number of Papers Published in Peer Reviewed Journals (National /International):  
246 Numbers, International Publications – 100, National Publications - 146

- Monographs : Nil

- Chapters in Books : 02

- Books edited : 01

- Books with ISBN with details of publishers

**Geriatric physiology part -2 ISBN No. 978-1-63041-823-6 SARA BOOK  
Publication**

- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)

**Nil**

- Scopus and pubmed : 50

- Citation Index – Average : 17.1

- SNIP : 18.69

- SJR : 2.36

- Impact Factor – Average : 6.2

- h-index : 8

23. Details of patents and income generated  
Including Copy right ( if Free application than to be mentioned so) : NIL

24. Areas of consultancy and income generated :Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad  
**Observerships/ fellowships/ professorships etc.**

Name of Faculty
<b>Dr Shourya Acahrya : One Faculty Selected For Instructor For ACLS AND BLS By AHA</b>

26. Faculty serving in  
a) National committees b) International committees c) **Editorial Boards** d) any other (specify)

Name of Faculty	Serving Agency/ Board/ Committee
<b>Dr. Sunil Kumar , Dr. Sourya Acharya, Dr. A.K.Wanjari</b>	<b>Editorial Boards</b>

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

- **Medical Education Training**
- **Subspeciality training in National & International Institute of Prominence under eminent faculty.**
- **Active participation in various conferences, workshops, CMEs. To facilitate faculty for various fellowship programs, and PhD.**
- **By conducting regular conference, workshop, CMEs, webinars and group discussions.**

28. Student projects

- Percentage of students who have taken up in-house projects including inter departmental project

Course wise Students	Percentage
UG	22%
MD/MS	100%
Ph. D	100%

- Percentage of students doing projects in collaboration with other universities/industry/

institute : NIL

29. Awards / recognitions received at the national and international level by 4.- number andnames.

	Names	Awards / recognitions
Faculty	Dr. Sunil Kumar	Guest chairperson at Ethos (National Conference on Ethics in Medicine) MGIMS, Sewagram 3 <sup>rd</sup> March 2017- National
	Dr. Shilpa Bawankule	Distance Fellowship in Diabetes Management (DFID) from Christian Medical College, Vellore January 2017 (National)
	Dr. Nitin Raisinghani	A Fellow of the Royal Society of Medicine- April 2016
	Dr. Sourya Acharya	Post Graduate Certificate Course (IMA Recognized) in Rheumatology (January 2013)
	Dr. Sourya Acharya	Member of Scientific Advisory Board (January 2013)
	Dr. Sourya Acharya	Member of Americal College of Physicians (January 2013)
Students	Dr. Sameer Sarda	Quantum 2016 – Oral Presentation” Clinical profile of patients developing ventilator associated pneumonia 22.02.2015 (National)
	Dr. Nitin Pawani	Late Dr. Lalit Jain Memorial post Graduate Clinico Oncohaematological Quiz – March 2015 (National)

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, ifany.

Seminars/ Conferences/Workshops	Funding - National/International	Outstanding Participant
Acharya Vinoba Bhave Rural Hospital Medicine Quiz 10 <sup>th</sup> March 2017 <b>LAST 3 YEAR</b>	National	Other Medical Colleges of Vidarbha

31. Code of ethics for research followed by the departments

**Yes, All research Projects are undertaken after the approval of Institutional Ethical Committee, and Animal Ethical Committee and the guidelines of institutional IPR policy are strictly adhered to.**

32. Student profile program-wise :

Name of the Program (Refer to question no.4)	Application received	Selected		Pass Percentage	
		Male	Female	Male	Female
UG	As per NEET	87	113	90%	93%
PG	As per NEET	10	04	84%	100%

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>UG STUDENTS</b>				
<b>(1<sup>st</sup> MBBS) 2016-17 Batch</b>	<b>200</b>	<b>39</b>	<b>131</b>	<b>30</b>
<b>% AGE</b>	<b>100</b>	<b>19.5</b>	<b>65.5</b>	<b>15</b>
<b>(2<sup>nd</sup> MBBS) 2015-16 batch</b>	<b>200</b>	<b>76</b>	<b>94</b>	<b>30</b>
<b>% AGE</b>	<b>100</b>	<b>38</b>	<b>47</b>	<b>15</b>
<b>3<sup>rd</sup> MBBS) 2014-15 batch</b>	<b>200</b>	<b>53</b>	<b>117</b>	<b>30</b>
<b>% AGE</b>	<b>100</b>	<b>26.5</b>	<b>58.5</b>	<b>15</b>
<b>2015-16 batch</b>	<b>200</b>	<b>76</b>	<b>94</b>	<b>30</b>
<b>% AGE</b>	<b>100</b>	<b>38</b>	<b>47</b>	<b>15</b>
<b>Total stud.</b>	<b>400</b>	<b>129</b>	<b>211</b>	<b>60</b>
<b>% AGE</b>	<b>100</b>	<b>32.25</b>	<b>52.75</b>	<b>15</b>
<b>(4<sup>th</sup> MBBS) 2013-14 batch</b>	<b>198</b>	<b>74</b>	<b>94</b>	<b>30</b>
<b>% AGE</b>	<b>100</b>	<b>37.37</b>	<b>47.47</b>	<b>15.15</b>
<b>2014-15 batch</b>	<b>200</b>	<b>53</b>	<b>117</b>	<b>30</b>
<b>% AGE</b>	<b>100</b>	<b>26.5</b>	<b>58.5</b>	<b>15</b>
<b>2015-16 batch</b>	<b>200</b>	<b>76</b>	<b>94</b>	<b>30</b>
<b>% AGE</b>	<b>100</b>	<b>38</b>	<b>47</b>	<b>15</b>
<b>PG STUDENTS</b>	<b>17/16.34%</b>	<b>56/53.84%</b>	<b>31/29.80%</b>	<b>00%</b>

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

**PG and others : Nil**

35. Student progression:

Student progression	Percentage against enrolled
UgtoPG	<b>53%</b>
PG to M.Phil, DM / M Ch/DNB	<b>8%</b>
PgtoPh.D.	<b>3%</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	

• Campus selection	<b>24%</b>
• Other than campus recruitment	<b>7%</b>
Entrepreneurs	<b>12%</b>

**36. Diversity of staff**

<b>Percentage of faculty who are graduates of the same university</b>	
of the same university	<b>20%</b>
from other universities within the State	<b>75%</b>
from universities from other States	<b>05%</b>
from universities outside the country	-

**37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period:**

Name of the Faculty	Awarded with M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt.
Dr. Amit Pasari	D.M. (Nephrology)
Dr. Manish Balwani	D.M. (Nephrology)
Dr Pankaj Raut	DM (cardiology)
Dr Gajendra Manakshe	DNB (cardiology)
Dr Manish Juneja	DM (Cardiology)
Dr Lalit Raut	DM ( Hematology)

**38. Present details of departmental infrastructural facilities with regard to:**

- a) **Library : Available**
- b) **Internet facilities for staff and students Yes**
- c) **Total number of class rooms: 9**
- d) **Class rooms with ICT facility and 'smart' class rooms: 1**
- e) **Students' laboratories: Central Laboratory**
- f) **Research laboratories: CRL**

39. List of doctoral, Post doctoral and Research Associates

	Doctoral Students	Post doctoral	Research Associates
From the host institution/university	Nil	Nil	Nil
From other institutions/universities	Nil	Nil	Nil

40. Number of post graduate students getting financial assistance from the university. Research Grants list

Name of the Student	Financial Assistance Amount from university. Research Grants
<ul style="list-style-type: none"> <li>• Dr. Amit Daphale</li> <li>• Dr. Harshpreet Singh Tuteja</li> </ul>	I.C.M.R.
<ul style="list-style-type: none"> <li>• Dr. Anuja Beralkar</li> </ul>	University

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

**Yes, need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying/Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis, user analysis and work analysis.**

42. Does the department obtain feedback from

- a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

**Yes, The Feedback from faculties are utilized for development, designing and updation of curriculum and syllabus.**

- b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

**Yes, The Feedback from students are utilized for improvement of performance of the staff and updation of curriculum.**

- c) Alumni and employers on the programs offered and how does the department utilize the feedback?

**Yes, The Feedback from them are utilized for identification of needs for development, designing and updation of curriculum and syllabus.**

43. List the distinguished alumni of the department (maximum 10)

Name of the distinguished alumni	Presently Working as
1. Dr. Sourya Acharya	Professor , JNMC, Wardha
2. Dr. D.P.Singh Rajput	Professor and Head, LNMC, BHOPAL
3. Dr. Amandeep Singh Kaloti	Professor, Panjab Institute of Medical Sciences Jalandhar (Panjab)
4. Dr. Vinay Pai	Consultant Cardiologist, Cleveland USA
5. Dr. Bharati Ganvir	Professor, MGIMS, Sewagram
6. Dr. Rahul Gulathi	Consultant Cardiologist, Director A.L.T.I.S. Heart Institute and Candulal Memorial Hospital and Medical College, Bhilai (MP)
7. Dr. Atul Jamini	Consultant Cardiologist, Fortis, New Delhi
8. Dr. Kavita choudhary	Associate Professor, RML, New Delhi
9. Dr. Nirmesh Kothari	Associate Professor, JNMC, Sawangi (Meghe)
10. Dr. Nitin Raisinghani	Assistant Professor, JNMC, Sawangi (Meghe)

44. Give details of student enrichment programs (special lectures/workshops/seminar) involving external experts. : **CME / Guest lectures/seminars**

Sr. No.	Event	External Expert
1	<b>Webcast on Management of Community Acquired Peumonia- 7th April 2017</b>	Dr. Rakesh Chawla, Mumbai
2	<b>Workshop – “ Fundamentals of Diagnostic Evaluation”</b> Department of Medicine 29th March 2017	Dr Kulkurni ; California (USA)
3	<b>Acharya Vinoba Bhave Internal Medicine Quiz for undergraduates</b> in 10 <sup>th</sup> March 2017.	Regional

4	<b>C.M.E. - Heart Failure From Bench to Bedside , 1st to 3rd February 2017</b>	Dr. Renato Razzolini Dr. Francesco Tona University of Padua, (Italy)
5	GSK (GlaxoSmithKline Pharmaceuticals)is conducting a Short CME on," <b>MANAGEMENT OF HYPOTHYROIDISM</b> " 18.01.2017	GSK (GlaxoSmithKline Pharmaceuticals) Local
6	<b>Acharya Vinoba Bhave Internal Medicine Quiz for undergraduates</b> in 17 <sup>th</sup> March 2016.	Regional
7	CME – “ Modern Perspective of Hypertension” 24 <sup>th</sup> December 2016	Dr Rajnish Joshi (AIIMS Bhopal) Dr. Deepti Joshi(AIIMS Bhopal) Dr Bhavana Dhabalia (University of Oman)
8	Short CME, Global Soar Forum Interactive online webinar Agenda 16.11.2016	Local
9	CME “ Pain Management & Palliative Care” 11 <sup>th</sup> December 2016	Dr. Kumar Abhishek, Palliative care expert, New Delhi.
10	Short C.M.E. on Palliative Care – 19.10.2016 Dr. Anne Mattam, Project Consultant Pallium India	Dr. Anne Mattam, Project Consultant Pallium India
11	Guest Lecture - 23.04.2016 Dr. Aklesh Tandekar – Deliver lecture on Haemodynamic monitoring in ICCU Dr. Aklesh Tandekar – Deliver lecture on Basics of Mechanical Ventilation.	Dr. Aklesh Tandekar
12	Guest Lecture 27 <sup>th</sup> January 2016 “Allergic Rhinitis”	Dr. Shamdeen Dayal,
13	<b>Acharya Vinoba Bhave Internal Medicine Quiz for undergraduates</b> in 14 <sup>th</sup> February 2015	Regional
14	Guest Lecture 15.07.2014- Acute Stroke Management” Establishing a Stroke Unit	Dr. Devesh Sinha
15	E-C.M.E. Date: 02.04.2014	<ul style="list-style-type: none"> <li>• Dr. T.K.Kamble</li> <li>• Dr. S.N.Mahajan</li> <li>• Dr. P.D.Jalgaonkar</li> <li>• Dr. S.K.Diwan</li> <li>• Dr. S.R.Tankhiwale</li> <li>• Dr. Mrs. Hariharan</li> </ul>
16	Guest Lecture 08.08.2014 “Arrhythmia And Electrophysiology”	Departmental
17	C.M.E. – “Advances in the Treatment of Acute Thrombotic Stroke” Date 23.02.2013 1) Topic: Thrombolysis in Acute stroke 2) Arterial Thrombolysis and Mechanical Treatment for Acute stroke.	<ul style="list-style-type: none"> <li>•Dr. Mrs. Siddhu (Neurologist) Ludhiana</li> <li>•* Dr. Sachin Dhomney (Neuro-Intervention Radiologist)</li> </ul>



45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

**ITP, PBL , OSCE /OMP/ Mini CEX ,Simulations, virtual learnings etc**

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

**AAP ( acaedemic appraisal programme ),Log Book, student feedback and formative assessment.periodic meeting and discussion among the staff for the development regarding learning**

47. Highlight the participation of students and faculty in extensionactivities.

**Residents/Asst. Professor are attending OPDs at**

- **Pulgaon, Nachangaon, Dahegaon, Arvi, on fixed days of every month**
- **Regular health checkup for insurance purpose & preventive health check-up. Regular home visits for palliative care**

48. Give details of “beyond syllabus scholarly activities” of thedepartment.

**Vidharbha Level Medicine Quiz Activities Research by UG And PGSeminar**

49. State whether the program/ department is accredited/ graded by other agencies ? If yes, givedetails.

**ISO Accredited:**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Autonomic neuropathy for better treatment of diabetic patients.
- Renal biopsy has been started routinely to detect and better management of kidney diseases
- Plasmapheresis for patients of Guillain Barre syndrome
- Peritoneal dialysis and biopsies in done in patients of CKD
- Local thrombolysis done in collaboration with interventional radiologists. Local thrombolysis in CSVT
- Chemoembolization is routinely done in patients of HCC
- Thrombolysis of superior mesenteric artery
- Permacath in patients of CKD

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

	<b>Strength</b>	<b>Weakness</b>	<b>Opportunity</b>	<b>Challenges</b>
<b>1. Curricular aspects:</b>	<b>Curricular aspects:</b> <ul style="list-style-type: none"> <li>• Structured revision of curriculum has been undertaken</li> <li>• Introduction of competence based curriculum for PGs</li> <li>• Recommendations of the stakeholders implemented.</li> </ul>	international Collaborations and high ended research Projects	<b>School for Health Profession Education and faculty trained in medical education to guide in implementing the changes and in evaluation of the programme. Programme evaluation by keeping track of the students and their success by 360 degree feedback.</b>	<b>Time and participation of stakeholders. Difficulty in implementation of competence based curriculum due to time constraint. Evaluating the programme</b>
<b>2. Teaching Learning And Evaluation</b>				<b>by 360 degree feedback as students lost to follow up.</b>
	<b>Large clinical material Faculty :</b> <ul style="list-style-type: none"> <li>• Trained personnel in Medical education.</li> <li>• Faculty with research aptitude, publications and reviewers in reputed journals.</li> <li>• 50% staff Trained in Advanced Teachers Training course.</li> <li>• E-CME, CME, Workshops organized and attended regularly.</li> </ul>		<ul style="list-style-type: none"> <li>• ICMR Research Projects</li> <li>• University funding project</li> </ul>	Time management Student mindset

<b>3. Research and extension activities</b>	Publications : Total:246 <ul style="list-style-type: none"> <li>• Most of the articles indexed in Scopus andPubMed</li> <li>• Maximum number of originalarticles</li> <li>• PeerReviewer for manuscripts in variousjournals.</li> </ul>	More field research Interinstitutional research Translationalresearch Research grant from external sources Preparation of training module for technicians Faculty development programme by training from certified centres. Training module for nurses as an adjunct to female technicians. Acquiring copyrights and patents. Stress management for faculty, students, school children and other strata of population can be done.	Time management. Procurement of major funded research projects for private institutes. To start palliative care OPD and geriatric OPD
<b>4. Administration &amp; infrastructure</b>	<ul style="list-style-type: none"> <li>• Facultieswith chief administrative and additional administrative responsibilities.</li> <li>• Administrative Support for organizing workshops, courses, E-CME. –</li> <li>• Regularupgradation of instruments and infrastructure</li> </ul>	Platform for national and international consultancy services	Time management

52. Future plans of the department.

**Courses - New / Strengthening / Student friendly environment- electives -choice based / academic -books , library , Resources labs, clinics ,learning methods  
 Faculty empowerments and developments /  
 Development in emerging areas of medicine/ research thrust areas /  
 Research grants -citations , high impact publications and finances generations  
 Societal benefits.**

1. Extension of New Icu – 40Beds
2. Extension of Dialysis Unit – 10Beds
3. Establishing separate strokeunit.
4. Strengthening interdepartmental diabetes clinic and separate indoor facility for diabetes
5. Separate thyroidclinic.
6. Geriatric care and Palliative careunit.
7. Fellowship course in geriatriccare.
8. Establishing Gastroenterologyunit.

## Evaluative Report of The Department

1. Name of the Department : **Dermatology, Venereology And Leprosy**
2. Year of establishment : 1990
3. Is the Department part of a college/Faculty of the university? **Part of college**
4. Names of programs offered :  
**UG: MBBS**  
**PG: MD Dermatology**  
**Doctoral: Ph.D Dermatology**
5. Interdisciplinary programs and departments involved : **Nil**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:  
**Nil**
7. Details of programs discontinued, if any, with reason :  
**Nil**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System  
**UG: Semester**  
**PG: Annual**
9. Participation of the department in the courses offered by other departments :  
**NIL**
10. Number of teaching posts sanctioned, filled and actual  
 (Professors/Associate Professors/Asst. Professors/others)

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
Professor	1	1	2
Associate Professor/Reader	1	1	3
Assistant Professor	1	1	2
Senior Resident	2	2	2

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Adarshlata Singh	MD (D.V.L) &DVD	Professor & HOD	Dermatology	UG –17Yrs 11 Months PG – 14Yrs 11 Months
Dr. SanjivChoudhary	DNB (D.V.L)& DVD	Professor	Dermatology	UG-16 Yrs 6 Months PG-12 Yrs
Dr.BhushanMadke	MD (D.V.L)	AssoProfessor	Dermatology	UG-8Yrs 08 Month PG-5Yrs08Month
Dr. PravinMaheshwari	MD (D.V.L)	Asso Professor	Dermatology	UG- 11.11 Year PG- 8.05 Year
Dr.Sugat Jawade	MD (D.V.L)	Asso Professor	Dermatology	UG- 8.09 Year PG- 5.09 Year
Dr. Sudhir Singh	MD (D.V.L)	Assistant Professor	Dermatology	UG- 8.09 Year PG- 5.09 Years

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

**Adjunct faculty: Dr. SharadMusalik**

**Visiting faculty: Dr. Vikrant Saoji**

13. Percentage of classes taken by temporary faculty – program-wise information: **Nil**

14. Program-wise Student Teacher Ratio:

Courses	Ratio
UG	28 : 1
PG	1:1
Ph.D	5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Sr. No.		Sanctioned	filled	Actual
1.	Technical staff	1	1	1
2.	Adminstrative staff	3	3	3

16. Research thrust areas as recognized by major funding agencies - **Leprosy**

Department is participating in National leprosy program by examining and providing treatment according to the National policy guidelines . Leprosy speciality clinic run by department . Few projects and research publication has been done . Department also give services to rehabilitation center Dattpur.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

**Nil**

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration

**Nil**

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received: **1 - Institutional**

20. Research facility / centre with -

- State Recognition : STD Clinic
- National Recognition : Nil
- International Recognition : Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies -

**Nil**

22. Publications:

- Number of papers published in peer reviewed journals (national / international) : **37**
- Monographs - Nil
- Chapters in Books: 2
- Books edited : Nil
- Books with ISBN with details of publishers – 2

Name of book	Authors	Publishers
Topical treatment of melasma	TulikaParashar Adarshlata Singh	Scholars's press publisher ISBN: 978-3-639-85950-8
Clinical Correlations with Diagnostic Implications in Dermatology (Chapters 8 & 56)	Bhushan Madke	Jaypee Brothers ISBN : 9789386322661

- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) - **37**
- Citation Index – Average : 12.4
- SNIP : 1.14
- SJR : 0.44
- Impact Factor – Average : **0.97**
- h-index : 6

Faculty name	H- index
Dr. Adarshlata Singh	3
Dr. SanjivChoudhary	8
Dr. BhushanMadke	8
Dr. SugatJawade	1

23. Details of patents and income generated –

Copyright/Patent	Income generated
<b>2 Copyrights registered : Dr Adarshlata Singh</b> 1. Modified Problem Based Learning 2. Emergencies in Dermatology	<b>Free application</b>

24. Areas of consultancy and income generated – **Nil**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad - **1**

26. Faculty serving in

- a) National committees - 01
- b) International committees - Nil
- c) Editorial Boards - 02
- d) any other (specify) - Nil

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

- CME - 05
- Faculty participation in research methodology workshop - 02
- Basic course in MET - 05
- Advance course in MET - 01

- Workshop on curriculum - 02
- UG curriculum workshop - 02
- PG curriculum workshop - 02
- OMP workshop - 02
- Clinical skill lab training - 01
- PhD supervisor orientation programme - 02

## 28. Student projects

- Percentage of students who have taken up in-house projects including inter-departmental projects

Couse wise students	Percentage
<b>PG</b>	<b>100</b>
<b>PhD</b>	<b>100</b>

- Percentage of students doing projects in collaboration with other universities / industry / institute - **Nil**

## 29. Awards / recognitions received at the national and international level by

	Names	Awards / recognitions
<b>Faculty</b>	Dr. Adarshlata Singh	<ul style="list-style-type: none"> <li>• Chairperson of thesis review committee from IADVL</li> <li>• Co-convener of MCI Recognized Nodal Center JNMC National faculty development program.</li> <li>• Co-Convener of Standing expert group in Dermatology, Venerology and Leprosy, constituted by MCI</li> <li>• President of Vidarbha Dermatology Society 2017-2018</li> </ul>
	Dr. Sanjiv Choudhary	<ul style="list-style-type: none"> <li>• Chairperson for PKDL session in XIIIth SODVELONCON, Nepal international conference</li> <li>• Guest speaker for in XIIIth SODVELONCON, Nepal international conference</li> <li>• Invited speaker in Dubai derma 2016, Dubai.</li> </ul>
	Dr. Sugat Jawade	<ul style="list-style-type: none"> <li>• Invited speaker in Abu Dhabi international conference of dermatology &amp; ashtetics (AIDA) 2015 at Abu Dhabi, UAE.</li> </ul>
	Dr. Bhushan Madke	<ul style="list-style-type: none"> <li>• Published two chapters in book titled, 'Clinical Correlations with Diagnostic Implications' edited by Biju Vasudevan</li> <li>• Became Executive Member of Vidharbha</li> </ul>



		Dermatology Society • Participated as Faculty in 12th WCOCD
<b>Students</b>	Dr.SugandhBhattar	Best oral paper at IADVL PG teacher conference, AIIMS, 2016(National conference)
	Dr. ShivaniDhande	Best poster at IADVL PG teacher conference, AIIMS 2016(National conference)
	Dr. SabihaQuazi	1. Best paper award in PAECON 2016, National 2. Best paper in CUTICON 2015.
	Dr. IshaVerma	Best paper in XIIIthSODVELONCON, Nepal (international conference)

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

**Yes Institutional Funding**

Seminars/ Conferences/Workshops	Funding -National/International	Outstanding Participant
11/12/2016CME and Workshop	Dermatosurgery and cosmetology	Dr. Sanjiv Choudhary, Dr. Sugat Jawade & Dr. Sudhir Singh (as a speaker)
19/04/2016	Interdepartmental CME Recent advances in Tuberculosis and HIV	
5/12/2015	Adverse drug reactions	
22/11/2015	Vidarbha dermatology society Annual clinical meeting	Dr. Vaidehi & Dr. Prithvi (won award in quiz)
12/01/2014	CME on Management of common pigmentary disorder	Dr. Sanjiv Choudhary (as a speaker)

31. Code of ethics for research followed by the departments – **Yes**

**Projects are undertaken as per the guidelines and approvals from institutional ethical committee, animal ethical committee, and scientific scrutiny committee for clinical trial and research training.**

32. Student profile program-wise :

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	As per NEET	87	113	89%	97.35%
PG	As per NEET	0	2	--	--
DDVL	As per NEET	0	1	--	--

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG	100	33.95	51.00	15.05
PG MD	50	17	33	00
DDVL	50	00	50	00
PhD	00	100	00	00

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise:  
**Nil**

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<b>53%</b>
PG to M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>3%</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campusselection	<b>24%</b>
• Other than campusrecruitment	<b>7%</b>
Entrepreneurs	<b>12%</b>

36. Diversity of staff

Percentage of faculty who are graduates of the same university	
of the same university	<b>0</b>
from other universities within the State	<b>71.4%</b>
from universities from other States	<b>28.6%</b>
from universities outside the country	<b>0</b>

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt.

during the assessment period: **M.Phil -1**

**38.** Present details of departmental infrastructural facilities with regard to

a) Library	:	Available
b) Internet facilities for staff and students	:	Yes
c) Total number of class rooms	:	3
d) Class rooms with ICT facility and 'smart' class rooms	:	1
e) Students' laboratories	:	1
f) Research laboratories	:	0

**39.** List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university	-	<b>2</b>
b) from other institutions/universities	-	<b>0</b>

**40.** Number of post graduate students getting financial assistance from the university. **01**

**41.** Was any need assessment exercise undertaken before the development of new program(s) ? If so, highlight the methodology. –

Yes, need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis ,user analysis and work analysis.

**42.** Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback ?

Yes , through academic appraisal program and it is utilized to do update in curriculum and modifications in teaching learning evaluation activities **as per SHPER guideline and implementation of new program**

b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback ? –

Yes , through academic appraisal program and it is utilized to do update in curriculum and modifications in teaching learning evaluation activities **as per SHPER guideline and implementation of new program**

c) Alumni and employers on the programs offered and how does the department utilize the feedback ?

Yes , through academic appraisal program and it is utilized to do update in curriculum and modifications in teaching learning evaluation activities **as per SHPER guideline and implementation of new programm**

43. List the distinguished alumni of the department (maximum 10) –  
a) Dr. Sakshi ,  
b) **Dr. Sumit Gupta ,**  
c) **Dr. Shaunak Patel,**  
d) **Dr Saziya**
44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts:  
• **CME,**  
• **UG Orientation Programm,**  
• **PG Orientation Programm,**  
• **Question Paper Writing,**  
• **Guest lecture,**  
• **Organizing workshops .**
45. List the teaching methods adopted by the faculty for different programs including clinical teaching. –  
**PBL, MPBL, E-CME, Video Conference, Webinar and OMP, QUIZ, Interactive Seminar, E-lectures, OSCE, MINI-cex, simulation, virtual learning**
46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored ?  
**Student feedback and formative assessment**
47. Highlight the participation of students and faculty in extension activities.  
**Participation in health camp and Part of intergrated health team.**
48. Give details of “beyond syllabus scholarly activities” of the department.  
**CPC, SRS activities, medical education training, telemedicine, camp, IPR.**
49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details.  
**Yes. ISO 9001-2008**
50. Briefly highlight the contributions of the department in generating new -knowledge, basic or applied.  
**Value education, EQB, ECE, question at the week programme, modified tutorials**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

	Strength	Weakness	Opportunities	Challenges
1. Academic	<p><b>I. Faculty :</b></p> <ul style="list-style-type: none"> <li>• Well trained &amp; experienced faculties</li> <li>• Department recognized for PhD research work.</li> <li>• Two faculties are recognized PhD supervisor</li> <li>• Three faculties registered for Ph. D</li> <li>• One faculty got Copyright in MPBL and emergency in dermatology.</li> </ul> <p><b>II. UG &amp; PG</b></p> <p>UG:</p> <ul style="list-style-type: none"> <li>• Implementation of MPBL</li> </ul> <p>PG</p> <ul style="list-style-type: none"> <li>• Monthly thematic teaching –learning activities.</li> <li>• OMP</li> <li>• Mini-CEX</li> </ul>		Fellowship programs can be started	Other institute in this region with same facility.
2. Research and extension activities	<p>Good Clinical material. Motivated faculties for research.</p> <p><b>Publications :</b></p> <p>Most of the articles indexed in Scopus/PubMed Ongoing project: 6</p> <p><b>Intellectual Property rights:</b> copyright: 03</p>	<p>Lack of Funded project</p> <p>Lack of Publication in high impact factors journals</p>	<p>Research work and projects</p> <p>To convert ongoing project in publication in high impact factors journals</p>	<p>To get funding from funding agencies</p> <p>To get article publish in journals with high impact factors</p>
3. Medical education	Trained faculty in medical education	-	Innovations in UG & PG teaching/ learning methods	-
4. hair transplantation started	Trained faculties in hair transplantation	Lack of Awareness in public	Fellowship in hair transplantation	To compete with private practitioner with similar facility
5. LASER	Trained faculties in LASER & Cosmetology	Lack of Awareness in public	Fellowship in LASER AND COSMETOLOGY	<p>To give service at competitive price</p> <p>To compete with private practitioners</p>

52. Future plans of the Department

Sn.	2017-18	2018-19	2019-20	2020- 21
1.	<b>Academic -</b> Course – To start certified course / fellowship in Dermatosurgery and Hair transplant Curriculum preparation	Approval and implementation	Review and up-gradation of existing course	To start fellowship in Dermatopathology
2.	<b>Faculty development-</b> Advanced training in dermatopathology	Start observership in dermatopathology	Develop curriculum for fellowship in dermatopathology	To start fellowship in Dermatopathology
3.	<b>Enhancement in clinical services –</b> Start LASER clinic	Start PRP Clinic And Non Culture Melanocyte transfer in vitiligo	Start cosmetology procedures	Develop cosmetology Unit
4.	<b>Community Health Services</b> Organise speciality camp Quaterly( for all speciality clinics )	Preparation of Role plays for Awareness programs ( leprosy and vitiligo)	Public awareness through prepared audio - visual aids	In corporation of more diseases in this program
5.	<b>Research</b> Preparation of research project and search for funding agency( Leprosy )	Apply for funding agency	Another project ( pemphigus ) Identification of Agency	Apply for funding agency

**Courses –**

**To start certified course/fellowship in dermatosurgery.**

**Academic –**

**Addition of new books and journals in departmental library  
Addition of new teaching and learning methods for UG & PG.**

**Faculty empowerments and developments:**

**Advanced training in dermatopathology and dermatosurgery**

**Development in emerging areas of dermatology:**

**To start melanocyte culture technique in management of vitiligo**

**Research Grants –**

**To enhance citations ,  
To publish in journals of high impact factors  
And finances generations**

-----

## Evaluative Report of the Department

1. Name of the Department : **Psychiatry**
2. Year of establishment : **1991**
3. Is the Department part of a college/Faculty of the university? :Yes, Part of the college
4. Names of programs : **UG, PG – MD, Diploma, Ph.D.**
5. Interdisciplinary programs and departments involved: Dept. of Medicine, Pediatrics ,Nursing

Interdisciplinary programs	Departments Involved
<b>Ph.D.</b>	<b>Nursing</b>

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

**Nil**

7. Details of programs discontinued, if any, with reasons:

**Nil**

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:

**Annual / Semester /Choice based Credit system**

9. Participation of the department in the courses offered by other departments:

**BSc Physiotherapy- BPTTh, Nursing**

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	02
Associate Professor/Reader	02	01	00
Assistant Professor	01	01	01
Senior Resident	01	01	02

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance :Annexure: I

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. K.K.Mishra	MD (Psy)	Prof.& Head	Psychiatry	15 Yrs
Dr. P.S.Patil	MD (Psy)	Professor	Psychiatry	21Yrs.
Dr. Saly John	MD (Psy)	Asst. Professor	Psychiatry	8 Yrs.8 months
Dr. Amit Nagdive	MD (Psy)	Asst Prof	Psychiatry	3 Years 8 months
DrHimanshuMansharamani	MD (Psy)	Senior Resident	Psychiatry	1 week

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Name of the Faculty	TypeVisiting Fellows, adjunct faculty, emeritus professors
Dr. DwarkaPershad	Emeritus faculty
Dr. Vimal Sharma	Adjunct faculty
Dr. Vikram Patel	Adjunct faculty
Dr. Mitchell G. Weiss	Adjunct faculty
Dr. Aniruddh P Behere	Adjunct faculty

13. Percentage of classes taken by temporary faculty – program-wise information:

**Nil**

14. Program-wise Student Teacher Ratio:

1:1

Courses	Ratio
UG	1:50
PG	1:1
PhD	1:5



15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :

Sr.No.	Designation	Sanction	Filled	Actual
1	Technical Staff(Child Psychologist)	2	2	3
2	Administrative staff (Clerk, Steno, Attendant,)	5	5	5

16. Research thrust areas as recognized by major funding agencies :

**School Mental Health, Childhood Sexual Abuse, Farmers Suicide**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

**Nil**

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration: Nil

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received : Nil

20. Research facility / centre with (Including national programmes)

- State Recognition
- National Recognition
- International Recognition

Research Facility /Centre	Recognitions
state recognition	No
national recognition	No
international recognition	GMHAT University Chester

21. Special research laboratories sponsored by / created by industry or corporate bodies:

**Nil**

22. Publications: (List of Details is Annexed)

- Number of papers published in peer reviewed journals (national / international) : 45
- Monographs : Nil
- Chapters in Books : 33
- Books edited : 03
- Books with ISBN with details of publishers:
  - Child Sexual Abuse Indian Scenario- ISBN-978-935254441-7- IPS 2016,
  - Community Psychiatry In India- ISBN- ,IPS 2013,
  - Mental Health Training for Health Professionals;
  - Global Mental Health Assessment Tool(GMHAT) ISBN- IPS 2017
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) : As per Medical Council Of India, recommended databases for medical publications are Scopus, PubMed, Index Copernicus, Index Medicus, Medline, Embase.
- Citation Index : 17.8
- SNIP : 1.04
- SJR : 1.39
- Impact Factor : 3.01
- h-index : 9

23. Details of patents and income generated:

**Nil**

24. Areas of consultancy and income generated:

**Nil**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :

Name of Faculty	Visit to other laboratories / institutions / industries in India and abroad
P.B. Behere	Fellowship in National Academy of Medical Sciences

26. Faculty serving in

Name of Faculty	Visit to other laboratories / institutions / industries in India and abroad
-----------------	---

Dr. K.K.Mishra	Director Council Member -Indian Psychiatry Society, Indian Association of Child & Adolescent Mental health, MGIMS Journal 2 Panacea Journal of medical science
Dr. Prakash B Behere	<ul style="list-style-type: none"> <li>• University of Chester,</li> <li>• Executive Member National Advisory Board of Kerala</li> <li>• Journal of Psychiatry</li> <li>• Executive member of Rural &amp; Remote Health of WPA</li> <li>• Editorial Advisory Board, the International Journal TANG (Humanitas Traditional Medicine)</li> <li>• Editorial Advisory board, Journal of Indian System of Medicine</li> <li>• Editorial Advisory board, Journal of rural Nursing</li> <li>• Advisor for Trust on <b>Race to rein-in-cancer</b>” – Based in Gandhi Nagar</li> <li>• Chairman UG Task Force of Indian Psychiatric Society</li> </ul>

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs). : As per schedule

Name	CME	Workshop	Conference	Total
National	6	7	11	24

28. Student projects

- Percentage of students who have taken up in-house projects including inter-departmental projects: UG- PG PhD-

Course wise Students	Percentage
UG	-
MD/MS	100%
Ph. D	100%

- Percentage of students doing projects in collaboration with other universities / industry / institute:

**Nil**

29. Awards / recognitions received at the national and international level by-Table-Faculty-Name-Award/Recognitions

<b>Name of Staff Member</b>	<b>Award Name</b>
<b>Faculty</b>	
Dr K K Mishra	A.B.Dutta Award (Co-awardee), Best Poster Presentations, IAPP Conference, Kolkatta
Dr Amit Nagdive	2 <sup>nd</sup> Best Paper- staff Research Society
Dr Prakash BalkrishnaBehere	Dr.L.P. Shah Oration Award
Dr Prakash BalkrishnaBehere	Dr V. N. Bagadia Life Achievement Award
Dr Prakash BalkrishnaBehere	Dr. M. Murugappan Poster Award II
Dr Prakash BalkrishnaBehere	Dr. D.L.N.Murthy Rao Oration Award
<b>Doctoral / post doctoral fellows</b>	Nil
<b>Students</b>	
DrAnweshak Das	Dr. Govind Bang Post Graduate Quiz
DrAkshataMulmule	Dr. Govind Bang Post Graduate Quiz
DrAnweshak Das	Winner of Vidharbha level IPS quiz
Dr Sonia Thomas	Vidharbha State level Post Graduate Quiz
DrPranad Joshi	Vidharbha State level Post Graduate Quiz

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

<b>Seminars/ Conferences/Workshops</b>	<b>Funding -National/ International</b>	<b>Outstanding Participant</b>
National Psychometric Workshop	Intramural	None
National CME Child Sexual Abuse :Indian Scenario	DMIMSU	None
National Psychometric Workshop	Intramural	None

National Psychometric Workshop	Intramural	None
--------------------------------	------------	------

31. Code of ethics for research followed by the departments:

**Yes, all research projects are undertaken as per the guidelines of Institutional ethical committee, animal ethics committee and scientific scrutiny committee for clinical trial after due approvals.**

32. Student profile program-wise : As per Annexure

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	As Per NEET	87	113	39%	55%
PG	As Per NEET	1	1	--	--

33. Diversity of students :

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
Psychiatry	67	33	00	00

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.:

**117 Students.**

35. Student progression :-

Student progression	Percentage against enrolled
UG to PG	<b>53%</b>
PG to M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>3%</b>
Ph.D. to Post-Doctoral	<b>Nil</b>

Employed	
• Campusselection	24%
• Other than campusrecruitment	7%
Entrepreneurs	12%

36. Diversity of staff

<b>Percentage of faculty who are graduates of the same university</b>	
of the same university	<b>01</b>
from other universities within the State	<b>02</b>
from universities from other States	<b>02</b>
from universities outside the country	<b>NA</b>

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period:

**Nil**

38. Present details of departmental infrastructural facilities with regard to

- |  |   |                              |
|--|---|------------------------------|
| a) Library                                     | : | Available                    |
| b) Internet facilities for staff and student:  |   | Available                    |
| c) Total number of class rooms                 | : | 03                           |
| d) with ICT facility and 'smart' class rooms : |   | 01                           |
| e) Students' laboratories                      | : | NA                           |
| f) Research laboratories                       | : | Central Research Laboratory. |
| g) No of books                                 | : | 277                          |

39. List of doctoral, post-doctoral students and Research Associates

- **from the host institution/university** : **01**
- **from other institutions/universities** : **Nil**

40. Number of post graduate students getting financial assistance from the university:

**Nil**

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. :

**Yes, need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis ,user analysis and work**

## analysis

42. Does the department obtain feedback from :
- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? :
- Yes, The Feedback from faculties are utilized for development, designing and updation of curriculum and syllabus.**
- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? :
- Yes, The Feedback from students are utilized for improvement of performance of the staff and updation of curriculum.**
- c. Alumni and employers on the programs offered and how does the department utilize the feedback? :
- Yes, The Feedback from them are utilized for identification of needs for development, designing and updation of curriculum and syllabus.**

43. List the distinguished alumni of the department (maximum 10):

Name of the distinguished alumni	Presently Working as
DrRatika Sharma	Consultant Psychiatrist , Umkal Hospital Gurgaon Global health University
DrSurbhi Jain	JawaharLal Nehru Memorial Hospital, Chattisgarh
DrAkshataMulumule	Specialist Pathway to attain RANZCP Fellowship in Australia

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.:
- a) **Six weeks posting at University of chester,UK (Early Intervention Psychosis Unit)**
- b) **3 Day Workshop on Psychometrics was conducted by the Department from 7<sup>th</sup> Oct.to 11<sup>th</sup> Oct.2013 at Dr.N.N.Wig Seminar Hall, Department of Psychiatry, JNMC. The speaker was renowned Psychologist Dr. DwarkaPershad Additional Professor, PGI, Chandigarh.**

- c) **3 Day Workshop on Psychometrics was conducted by the Department from 9<sup>th</sup> to 11<sup>th</sup> Sept. 2015 at Dr.N.N.Wig Seminar Hall, Department of Psychiatry, JNMC. The speaker was renowned Psychologist Dr. Dwarka Pershad Additional Professor, PGI, Chandigarh.**
- d) **2 Days Workshop on Psychometrics was conducted by the Department from 25<sup>th</sup> to 26<sup>th</sup> Nov. 2016 at Dr.N.N.Wig Seminar Hall, Department of Psychiatry, JNMC. The speaker was renowned Psychologist Dr. Dwarka Pershad Additional Professor, PGI, Chandigarh.**
- e) **NIMHANS attachment for pg students ( one month posting)**
- f) **Dr. Sashikant Behere- Guest Lecture on Mending Hearts (Mental health issues in Pediatric population)**

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.
- a) UG: Didactic Lectures, Problem Based Learning, Bed side Clinics, Group Discussion
  - b) PG: Seminar, Journal Club, Case conference, Group Discussion, Theory Classes ,OSCE, OSPE, MINICEX, Stimulations, PBL
46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored? :

**By obtaining Feedback from the students, FA, logbook, marker point analysis.**

47. Highlight the participation of students and faculty in extension activities :

**World Mental Health Week programs, Health camps in various rural places, School mental health program, and Counseling cell in Hindi Viswa Vidyalaya.**

48. Give details of “beyond syllabus scholarly activities” of the department. :

**Student exchange program with University Of Chester, Zonal and National level competitions for PG and UG students, Extension attachments-NIMHANS, Publication of scholarly books, chapters and articles along with paper and poster presentations in various national and international conferences.**

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details:

**Yes, School mental Health, Hindi Vishwa Vidyalaya - Approved by the concerned NGOs**



50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied :

- **Contribution in development of Global Mental Health Assessment tool, developing the Hindi and Marathi versions of the same so that they can be used in Indian -urban as well as rural areas for the screening, early detection and referral of patients suffering from mental illnesses at the primary health care level where psychiatrists are not available.**
- **Increased awareness among the teachers, parents and students regarding child and adolescent mental health and childhood sexual abuse through the school mental health programs.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department. :

<b>Strength</b>	<b>Weakness</b>	<b>Opportunities</b>	<b>Challenges</b>
1) Reviewing Good Governance	1) Less programs- MPhil, Fellowship and intramural programs etc	1) International collaborations	1) Establishing a fully functional Child guidance clinic
2) International faculty in mental health care		2) Higher infrastructure facilities	2) Retaining staff
3) Unique record keeping system	3) Less number of Funded Research projects	3) Nimhans attachment for Pg students for more exposure	3) Increasing the number of funded projects
4) Nodal centre of IPS	4) Lack of a fully functioning Child Guidance Clinic	4) Community based research activities	4) Expanding the community based outreach activities and research

52. Future plans of the department. :

- To develop a well functioning and adequately furnished specialty clinic in child and adolescent mental health
- Bio feedback lab and rTMS service to be started in the department
- New Courses and developmental activities for the faculty and students to be

started

- Interdepartmental projects to be increased
- Strengthening the outreach activities
- Increase the number of funded researches and publications

## Evaluative Report of the Department

1. Name of the Department : Respiratory Medicine
2. Year of establishment : 1990
3. Is the Department part of a college/Faculty of the university? –**Yes part of college**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D.,Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)  
  
**UG: MBBS ; PG : MD; Ph.D ;**
5. Interdisciplinary programs and departments involved – Nil
6. Courses in collaboration with other universities, industries, foreign institutions, etc. –  
**Nil**
7. Details of programs discontinued, if any, with reasons - **Nil**
8. Examination System: Annual/Semester /Choice Based Credit System –  
**UG - Semester**  
**PG – Annual**  
.
9. Participation of the department in the courses offered by other departments – **Nil**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including</b>
			<b>CAS &amp; MPS)</b>
Professor	<b>1</b>	<b>1</b>	2
Associate Professor/Reader	<b>1</b>	<b>1</b>	1
Assistant Professor	<b>1</b>	<b>1</b>	1
Senior Resident	<b>2</b>	<b>2</b>	2

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Babaji Ghewade	MBBS,MD (Respiratory Medicine), M. Phil.	Prof & HOD	Respiratory Medicine	UG -23Years 05 PG -20Years 01
Dr. Tilkchand Dhamgaye	MBBS,MD (Respiratory Medicine)	Professor	Respiratory Medicine	UG -36Years 02 PG -33Years 08
Dr. Ulhas Jadhav	MBBS,MD (Respiratory Medicine)	Asso Professor	Respiratory Medicine	UG- 10years06 PG-8Years 02

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors :

**Dr. Deepak Shrivastava,**

**M.D., D.ABSM, D. ABIM (Sleep) FCCP, FACP, RPSGT -- Sleep Physician, California**

**Dr. Sundeep Salvi, Director, Chest Research Foundation,Pune**

**Dr. S. K. Sharma Professor, Ex.-Director, AIIMS, New Delhi**

13. Percentage of classes taken by temporary faculty – program-wise information - Nil

14. Program-wise Student Teacher Ratio

Courses	Ratio
<b>UG</b>	<b>33.1</b>
<b>PG</b>	<b>1:1</b>
<b>Ph.D</b>	<b>5:1</b>

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual –

sanctioned	Filled and actual	Actual
1	1	1
5	5	6

16. Research thrust areas as recognized by major funding agencies –

1. **Clinical trial in Asthma**
2. **MDR & XDR TB**
3. **Non-tubercular Mycobacterial Infections.**

17. Number of faculty with ongoing projects from a) national 1 b) international funding agencies c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Name of Agency	Project Title	Grant received
Central TB division through state RNTCP	<b>Study of interferon gamma &amp; adenosine deaminase in tubercular pleural effusions</b>	1,90,000/-

18. Inter-institutional collaborative projects and associated grants received  
a) National collaboration- **Nil** b) International collaboration - **Nil**
19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. RNTCP Thesis Grant Received for 3 PG Thesis (30,000/- Each)
20. Research facility / centre with **Yes**.
1. State recognition State RNTCP
  2. National recognition Recognised Centre by Respiratory Research Network of India.
  3. International recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies – **DOTS centre and DR TB Site created by State TB Cell.**
22. Publications: - **22**
- \* Number of papers published in peer reviewed journals (national / international)
  - \* Monographs - **Nil**
  - \* Chapters in Books - **Nil**
  - \* Books edited - **Nil**
  - \* Books with ISBN with details of publishers - **Nil**
  - \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)- **22**
  - \* Citation Index : 9.3
  - \* SNIP : 1.2
  - \* SJR : 0.57
  - \* Impact Factor : 1.48
  - \* h-index : 5
23. Details of patents and income generated - **Nil**

24. Areas of consultancy and income generated - **Nil**  
(Awareness/educations/ workshops/ National bodies / AHA /Clinical trials etc)
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad –  
**Dr. Babaji Ghewade selected as Assessor for entry Level Accreditation of HCO and SHCO by NABH.**

26. Faculty serving in

- a) National committees- **Nil,** b) International committees - **Nil,**  
c) Editorial Boards - **Nil** d) any other (specify) **Yes**

**NABH/NAAC /National Boards /International panels/ MCI / Academic cells -faculty wise.**

Name of Faculty	Serving Agency/ Board/ Committee
Dr.Babji Ghewade	1) Chairperson of State RNTCP Operational Research Committee 2) Assessor for entry Level Accreditation of HCO and SHCO by NABH. 3) Instructor for BLS and ACLS By AHA. 4) Resource person for MCI's Faculty Development Programme.
Dr. Ulhas Jadhav	Member, State OR Committee, RNTCP operational research

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).
- CME
  - Faculty participation in research methodology workshop
  - Basic course
  - Advance course
  - Workshop on curriculum
  - UG curriculum workshop
  - PG curriculum workshop
  - OMP workshop
  - Clinical skill lab training
  - PhD supervisor orientation programme
  - ACLS & BLS Programmes.

**28. Student projects**

- Percentage of students who have taken up in-house projects including inter-departmental projects .

Course wise Students	Percentage
MD/MS	100%
Ph. D	100%

- Percentage of students doing projects in collaboration with other universities / industry / institute – **Nil**

**29. Awards / recognitions received at the national and international level by**

- Faculty -
- Doctoral / post doctoral fellows -
- Students -**3**

.	Names	Awards / recognitions
Faculty	Dr. Babaji Ghewade	Chairman of RNTCP State operational Research Committee
	Dr. Babaji Ghewade	Guest Speaker "NABL ACCREDITATION OF HOSPITAL LABORATORY
	Dr. Babaji Ghewade	1) Chairperson, Organizer National ILD update-Nagpur 2) Chairperson, Organizer ORICON 2017-Nagpur
	Dr. Babaji Ghewade	Received Chancellors Gold Medel for M. Phil. In HPE
Students	Dr. Sameer Arbert	1 <sup>st</sup> Best Paper Awards
	Dr. Swapnil Choudhary	Best paper presentation
	Dr. Elen Ann Abraham	SRS Activity

**30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.-Yes**

Seminars/ Conferences/ Workshops	Funding -National/International	Outstanding Participant
<b>1. 24/3/17</b>	<b>World TB Day</b>	District TB Office Wardha
<b>2. 24/1/2016</b>	<b>Workshop on Bronchoscopy</b>	Departmental

3. 24/3/16	<b>World TB Day</b>	District TB Office Wardha
4. 19/4/2016	Inter Departmental CME "Recent Advance in Tuberculosis and HIV"	Institutional
5. 6/9/2015	Workshop (Spirometry & DLCO)	Regional
6. 24/3/2015	<b>World TB Day</b>	District TB Office Wardha
7. March 2014	<b>RNTCP STF Maharashtra meeting cum CME on RNTCP</b>	Jt Director TB & Leprosy (STO) Maharashtra Govt
8. 12/10/2014	<b>Departmental CME</b>	Institutional
9. 26/7/2013	<b>CME on MDR &amp; XDR TB</b>	Institutional

31. Code of ethics for research followed by the departments –

**Yes All research Projects are undertaken as per the guidelines of Institutional Research Committee after due approvals.**

32. Student profile program-wise :

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	As Per NEET	87	113	89%	97.35%
MD	As Per NEET	03	00	--	--

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students From Universities outside the State	% of students from other countries
M.D	29%	14%	43%	14%
PhD	-	-	-	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. –

**117 Students.**



35. Student progression

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	<b>53%</b>
PG to M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>3%</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campus selection	<b>24%</b>
• Other than campusrecruitment	<b>7%</b>
Entrepreneurs	<b>12%</b>

36. Diversity of staff

Percentage of faculty who are graduates of the same university	1
from other universities within the State	3
from universities from other States	Nil
from universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period- **M.Phil 1**

<b>Name of the Faculty</b>	<b>Awarded with</b> M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt.
<b>Dr. Babaji Ghewade</b>	<b>M.Phil.,</b>

38. Present details of departmental infrastructural facilities with regard to

a. Library	-	<b>114</b>
Journals	-	<b>8</b>
b. Internet facilities for staff and students	-	<b>Yes</b>
c. Total number of class rooms	-	<b>2</b>
d. Class rooms with ICT facility and 'smart' class rooms	-	<b>Available</b>
e. Students' laboratories	-	<b>1</b>
f. Research laboratories	-	<b>1</b>

39. List of doctoral, post-doctoral students and Research Associates

- from the host institution/university –**02 (Dr. Babaji Ghewade, Dr. Sameer Arbat)**
- from other institutions/universities - **Nil**

40. Number of post graduate students getting financial assistance from the university.

Nil

41. Was any need assessment exercise undertaken before the development of new program(s)?

If so, highlight the methodology. –

Yes, need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis, user analysis and work analysis.

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback ? - yes , through academic appraisal program and it is utilized to do update in curriculum and modifications in teaching learning evaluation activities **as per shper guideline and implementation of new programm**

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback ? - yes , through academic appraisal program and it is utilized to do update in curriculum and modifications in teaching learning evaluation activities **as per shper guideline and implementation of new programm**

c. Alumni and employers on the programs offered and how does the department utilize the feedback ? - yes , through academic appraisal program and it is utilized to do update in curriculum and modifications in teaching learning evaluation activities **as per shper guideline and implementation of new program**

43. List the distinguished alumni of the department (maximum 10)

**1. Dr. Alen Abrham**

**2. Dr. Sameer Arbat (Renowned Chest physician at Nagpur , trained in Italy.**

**3. Dr. Bharat Agrawal (Persuing diploma in Critical Care ).**

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

**CME, UG Orientation Programm, PG Orientation Programm, Question Paper Writing, guest lecture, workshop.**

45. List the teaching methods adopted by the faculty for different programs including clinical teaching. –

**ITP, PBL , OSCE /OMP/ Mini CEX , Simulations, virtual learnings etc**

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored ? –

**AAP & student feedback and formative assessment**

47. Highlight the participation of students and faculty in extension activities-

**Participation in health camps and Part of intergrated health team.**

48. Give details of “beyond syllabus scholarly activities” of the department.

**Electives/ Conferences /Quizes/ village and community experiences / telemedicine / IPR- CPC, SRS activities, Medical Education Training, Telemedicine, Camp, IPR**

49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details.

**State TB office for RNTCP MDR – TB services, ISO certified .**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

**The new knowledge generated is utilized to improve the clinical practices and outcomes for the Patient. Also Teducational research knowledge is used to develop TLE methods.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength	Weakness	Opportunities	Challenges
PG department Trained technicians for PFT, Sleep lab & bronchoscopy		To start diploma course in subject.	Faculty Retention
Skilled, experienced & enthusiastic faculty.	Single unit, time constraint as small department with only 3 faculty	To start medical Thoracoscopy unit.	

Variety of clinical material.		To start fellowship & trainings in spirometry , sleep medicine	
		To undertake research projects in tuberculosis, obstructive airway diseases, cancer etc.	

### Threats

1. Other institute in this region with same facilities.
2. Patient category: BPL

### 52. Future plans of the department.

#### **Courses –**

To start Certificate course/fellowship in Respiratory Medicine (Sleep Medicine, Advance PFT)

#### **Academic –**

Addition of new books and journals in departmental library.  
Addition of new teaching and learning methods for UG & PG.

#### **Research grants –**

To apply for grant for Multicentric Research Projects related to NTM from Central TB Division.

To enhance citations,

To publish in journals of high impact factors.

## Evaluative Report of the Department

1. Name of the Department : **General Surgery**
2. Year of establishment : **1990**
3. Is the Department part of a college/  
Faculty of the university? : **Part of College**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D.,  
Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty  
fellowship, etc.)
  - UG : MBBS**
  - PG : MS Surgery**
  - PhD : 1. General Surgery 2. Minimal access Surgery**
  - Fellowship : Minimal access surgery  
Certificate Course in endoscopy**
5. Interdisciplinary programs and departments involved : **1**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. **1**
7. Details of programs discontinued, if any, with reasons : **NIL**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System –  
**Annual / Semester /Choice based Creditsystem**

Course	Examination System
MBBS	Annual
MS	Annual
PhD	6 Monthly Assessment, Final Defense Viva- Voce
Fellowship	Choice Based Credit System for FMIS

9. Participation of the department in the courses offered by other departments

**Dental-BDS // Physiotherapy - B.PThetc**

**10. Number of teaching posts sanctioned, filled and actual  
(Professors/Associate Professors/Asst.Professors/others)**

Sn.	Faculty position	Sanctioned	Filled	Actual ( Including CAS &MPS)
1	Professor	1	1	11
2	Associate Professor	08	04	04
3	Assistant Professor	09	06	06
4	Senior Resident	7	7	7

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. R.K. Shinde	MBBS, MS, FMAS	Prof. & Head	Gen. Surgery	19.03 Yrs
Dr. D.D. Wagh	MBBS, MS,	Professor	Gen. Surgery	35.04 Yrs
Dr. K. S. Kher	MBBS, MS,	Professor	Gen. Surgery	32.03 Yrs
Dr. S. N. Jajoo	MBBS, MS, MCh	Professor	Mch Plastic Surgery	27 Yrs
Dr. B. C. Bakane	MBBS, MS,	Professor	Gen. Surgery	27.04 Yrs
Dr. S. R. Chandak	MBBS, MS,	Professor	Gen. Surgery	25.08 Yrs
Dr. K. B. Golhar	MBBS, MS	Professor	Gen. Surgery	43.11 Yrs
Dr. Meenakshi Yeola	MBBS, MS, FMAS, FIAGES, FACRSI	Professor	Gen. Surgery	22.10 Yrs
Dr. A.T. Kamble	MBBS, MS,	Professor	Gen. Surgery	31.06 Yrs
Dr. S.C. Jain	MBBS, MS,	Professor	Gen. Surgery	14.10 Yrs
Dr. H. B. Ramteke	MBBS, MS, FMAS	Professor	Gen. Surgery	15 yrs
Dr. Y.R. Lamture	MBBS, MS, FMAS, FIAGES	Professor	Gen. Surgery	15.08 Yrs
Dr. Pankaj Gharde	MBBS, MS,	Professor	Gen. Surgery	14.06 Yrs
Dr. C. Mahakalkar	MBBS, MS, FACRSI, DHM	Professor	Gen. Surgery	13.10 Yrs
Dr. Manish Swarnkar	MBBS, MS,	Professor	Gen. Surgery	13.01 Yrs
Dr. Darshana Tote	MBBS, MS,	Asso: Prof	Gen. Surgery	11.06 Yrs
Dr. Nilesh Tulaskar	MBBS, MS,	Asst: Prof.	Gen. Surgery	9 Yrs
Dr. Swati Deshpande	MBBS, MS,	Asst: Prof	Gen. Surgery	5.03 Yrs
Dr. Noopur Priya	MBBS, MS,	Sr. Resident	Gen. Surgery	11 Yrs
Dr. Anupam Kakade	MBBS, MS,	Sr. Resident	Gen. Surgery	8 Yrs

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Abhijit Dhale	MBBS, MS, MCh	Asst. Prof.	M.Ch Urosurgery	6.08 Yrs
Dr. Gaurav Jannawar	MBBS, MS,	Asst. Prof. Plastic Surgery	Mch Plastic Surgery	6.08 Yrs
Dr. H. Deshapande	MBBS, MCh	Associate Professor	Mch Neurosurgery	8.10 Yrs
Dr. V. Rewale	MBBS, MS, Fellowship in Surgical Oncology	Assit. Professor	Gen. Suregry	7 Yrs
Dr. Sandip Iratwar	MBBS, MS, DNB, fellowship Minimal invasive Neurosurgery (Australia)		Mch Neurosurgery	8.4 Yrs
Dr. Shailendra Anjankar	MBBS, DNB	Assistant Professor	Mch Plastic Neurosurgery	4.5 Yrs
Dr. T. Dihare	MBBS, MS, M.Ch	Asst. Prof. Paediatric Surgery	Mch Paediatric Surgery	9.01 Yrs
Dr. Nikhil Kale	MBBS, DNB Uro	Assit. Professor	Dnb Uro	Date of joining 3/7/17

**12. List of senior Visiting Fellows, adjunct faculty, emeritusprofessors**

Name of the Faculty	Type Visiting Fellows, Adjunct Faculty, Emeritus Professors
Dr. Chintamani, Professor Delhi	Adjunct Faculty
Dr. C. Khandelwal, Professor Patna	Adjunct Faculty
Dr. N. K. Deshmukh, , Maharashtra	Professor Emeritus
Dr. C. Palanivelu, Coimbatore	Professor Emeritus
Dr. G. V. Rao Hyderabad	Visiting Professor
Dr. Santosh John Abraham, Cochin. Kerala	Visiting Professor
Dr. R. N. Methi, Nagpur	Visiting Professor

**13. Percentage of classes taken by temporary faculty – program-wise information**

Name of The Faculty	Type Visiting Fellows, Adjunct Faculty, Emeritus Professors
Dr. Chintamani, Professor Delhi	2 PG Clinics
Dr. C. Khandelwal, Professor Patna	1 PG Clinic
Dr. N. K. Deshmukh, , Maharashtra	32 PG Clinics, 32 UG Clinics
Dr. C. Palanivelu, Coimbatore	15 Hours Teaching For FMIS
Dr. G. V. Rao Hyderabad	2 PG Clinics
Dr. Santosh John Abraham, Cochin. Kerala	2 PG Clinics
Dr. R. N. Methi, Nagpur	5 PG Clinics, 5 UG Clinics

**14. Program-wise Student TeacherRatio**

Courses	Ratio
UG:	<b>9:1</b>
PG:	<b>1:1</b>
Fellowship:	<b>1:2</b>
PhD:	<b>1:5</b>

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:**

Sr.No.	Designation	Sanction	Filled	Actual
1	Technical Staff(Lab.tech,Biochemist)	3	3	8
2	Administrative staff (Clerk,Lab.Attendant,Sweeper)	8	8	8

**16. Research thrust areas as recognized by major funding agencies**

- **Development of surgical unit based safety program to reduceSSI.**
- **Promotion of academic research in surgicaloncology**

**17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants receivedproject-wise.**

Name of Agency	Project Title	Grant received
Rotary Club International Wardha	Pink Life Saver Project	Rs. 8002685
Rotary Club International Bhusawal	Pink Life Saver Project	Rs. 7966365

**18. Inter-institutional collaborative projects and associated grantsreceived**

Project title	Collaborating Agency	Associated grants received
Nil	Nil	Nil

**19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grantsreceived.**

**UG: 6 STS ICMR: 60000/-**



**20. Research facility / centre with ( including national programsetc)**

- StateRecognition
- NationalRecognition
- InternationalRecognition

Research Facility/Centre	Recognitions
State Programs	Organ Transplants. State Organ TransplantCommittee
National Programs	Smile Train Project (Cleft Lip And Palate Management)
International	Nil

**21. Special research laboratories sponsored by / created by industry or corporate bodies  
Interventional Radiology Lab-DST**

Research Lab	Sponsoring body
Skills lab	University
Endoscopy and LaparoscopyLab	Meryl India

**22. Publications: (List of Details isAnnexed)**

- Number of papers published in peer Reviewed journals (national / international) : 114 International **69**, National**45**
- Monographs : **1**
- Chapters in Books : **3**
- Books edited : Nil
- Books with ISBN with details of publishers : Nil
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) : All indexed
- Citation Index : 11.1
- SNIP : 14.68
- SJR : 15.7
- Impact Factor : **2.38**
- h-index : 7

**23. Details of patents and income generated Including Copyright**

Patent/ Copyright	Income Generated
Critical self thinking inventory for clinical examination (CSTI-CE)	Free
New Born Safety Checklist ranted on 14/06/2017, diary number 10091/2016/Co/1	Free
Copyright registration done in 23/06/2017, Title 'Yash Scoring System.'	Free

**24. Areas of consultancy and income generated**

**Awareness/educations/ workshops/ National bodies / AHA /Clinical trials etc**

Areas of consultancy	Income Generated
Clinical Trial- Medicine Company US	Rs. 4579359
Clinical Trial- Bio-repository project	Rs/- 56900

**25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad**

Name of Faculty	Visit to other laboratories / institutions / industries in India and abroad
<b>Dr. Shinde R. K.</b>	Member board of study, Nasik LIC for Nursing inspection for MUHS
<b>Dr. Golhar K. B.</b>	Member board of study, DPU Pune.
<b>Dr. Yeola</b>	Staff selection committee, at Amravati MUHS
<b>Dr. Mahakalkar C. C.</b>	NABH Assessor, Advisory committee member HSJPUB,

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (specify) NABH/NAAC /National Boards /International panels/ MCI / Academic Cells - Faculty Wise.

Name of Faculty	Serving Agency/ Board/ Committee
Dr. R. K. Shinde	Editorial Board Member JDMIMSDU
Dr. P. K. Gharde	Editorial board Member of global journal of surgery. Journal of Surgery (US) National advisory Board Member, International Journal of research in Health Sciences. Editorial Board Members, Asian Journal of Surgical Pathology. Reviewer British Medical Case Reports Journal. Reviewer International Journal of Biomedical and Advance Research. Lambarts Publishing house Germane accepted to publish book on Carcinoma Breast.
Dr. C. C. Mahakalkar	Executive member, Vidarbha surgical Society

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

**Medical Education Training**

Subspecialty training in National & International Institute of Prominence under eminent faculty.

Active participation in various conferences, workshops, CMEs. To facilitate faculty for various fellowship programs, and PhD.

By conducting regular conference, workshop, CMEs, webinars and group discussions.

ACLS & BLS Programme

28. Student projects

- Percentage of students who have taken up in-house projects including inter-departmental projects

Course wise Students	Percentage
UG	3.5%
MD/MS	100%
Ph. D	100%

- Percentage of students doing projects in collaboration with other universities/ industry/ institute

Name of Students	Projects in collaboration with other universities / industry / institute
	NA

**29. Awards / recognitions received at the national and international level by**

- Faculty
- Doctoral / post doctoralfellows
- Students

. Guest lecture, orations, chairpersons outside, awards

Faculty	Names	Awards / recognitions
Dr. R. K. Shinde	How do I do it- Colostomy Guest Lecture	MASICON 2017
Dr. Yeola M. E.	Breast cancer awareness program-2016	YCCE Nagpur
Dr. Yeola M. E.	Ph.D. Degree Awarded in 2017	DMIMS (DU) University
Dr. Yeola M. E.	Faculty for PG teaching, MGM Aurangabad 2016	ASI regional CME
Dr. Yeola M. E.	AMASICON Kolkata 2016	Chairperson
Dr. D. D. Wagh	Anatomy and physiology of anal canal. Guest Lecture	CME:stapler Hemorrhoidectomy.PDMC, Amaravati2017
Dr. Jajoo S. N.	Oral cancer- Lecture	National health rural Mission 2013wradha
Dr. Jajoo S. N.	Gynecological symposium panelist cancer	MGIMS Sewagram 2014
Dr. Jajoo S. N.	Early management of cleft lip and palate	State conference plastic Surgery, Aurangabad2015
Dr. Lamture Y. R	How do I do it- ICD: Guest Lecture	MASICON 2017
Dr. Lamture Y. R	Ph.D. Degree Awarded in 2017	DMIMS (DU) University
Dr. C. C. Mahakalkar	How do I do it- Circumcision Guest Lecture	MASICON 2017
<b>AWARDS</b>		
<b>Faculty</b>		
Dr. Wagh D.D	National conference ASICON 2016	2 <sup>nd</sup> Prize for Paper Presentaton
Dr. Yeola M. E.	TLHTicon 2017 International conference	Best paper award
Dr. C. C. Mahakalkar	TLHTicon International conference	Best PosterpresentationF
Dr. Shailendra Anjankar	NSSI Annual conference 2015 Indore	First Price paper presentation
	IOACON 2016, Kochi	Best article award in basic research category.
	Neurosurgery skills training workshop AIIMS, Delhi,2015	2 <sup>nd</sup> price for endoskills.
<b>Student</b>		
Dr. Raunak Kalwani	National conference ASICON 2016	1 <sup>st</sup> price for poster presentation
Dr. Hardik Tanna	National conference ASICON 2016	2 <sup>nd</sup> price presentation For poster

**30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

Seminars/Conferences/Workshops	Funding - National/International
New horizons in Coloproctology 15 June 2013	Intramural Funding
New horizons in Coloproctology 15 June 2013	Intramural Funding
eCME on breast cancer. Surgical Case Reviews 5 March 2014	Intramural Funding
National CME: New frontiers in Renal Transplant – 13 July 2014	Intramural Funding
National eCME: Ventral Hernia– 15 Jan 2015	Intramural Funding
Departmental: Hands on training of Endoscopy and Laparoscopy 15 Feb 2015	Olympus company
State CME: Update on Salivary gland pathology – 9 Apr. 2015.	Intramural Funding
Reconstruction and Micro- plastic surgery for general surgeons. 13 feb 2016.	Intramural Funding
National CME: Live operative workshop on thyroid disorders and Neck dissection. Nov. 2016	Intramural Funding
International CME on Breast Cancer- “What’s New”, June -2017	Intramural Funding

**31. Code of ethics for research followed by the departments**

**Yes, All research Projects are undertaken as per the guidelines of Institutional ethics Committee, institutional animal committee, scientific research committee for clinical trial after due approvals.**

**32. Student profile program-wise: As per Annexure**

Name of the Program (refer to question no. 4)	Applications Received	Selected		Pass Percentage	
		Male	Female	Male	Female
UG	As Per NEET	87	113	89%	97.35%
PG	As Per NEET	10	02	--	--

### 33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities Within the State	% of students from universities outside the State	% of students from other countries
PG	50	22	25	03
UG	598	203	305	90

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

**117 Students.**

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	<b>53%</b>
PG to M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>3%</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campus selection	<b>24%</b>
• Other than campus recruitment	<b>7%</b>
Entrepreneurs	<b>12%</b>

36. Diversity of staff

<b>Percentage of faculty who are graduates of the same university</b>	<b>28</b>
of the same university	05
from other universities within the State	15
from universities from other States	08
from universities outside the country	<b>Nil</b>

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period:

Name of the Faculty	Awarded with.
Dr. R. Shinde	FMAS
Dr. Yeola M. E.	FMAS, FIAGES, FACRSI
Dr. Lamture Y. R.	FMAS, FIAGES
Dr. C. C. Mahakalkar	Mphil, DHM, FACRSI
Dr. Ramteke H. B.	FMAS
Dr. Jajoo S. N.	MCh Plastic surgery
Dr. Deshpande	MCh Neurosurgery
Dr. Sandip Eratwar	MCh Neurosurgery
Dr. Shailendra Anjankar	MCh Neurosurgery
Dr. Jannawar Gaurav	MCh Plastic suregry
Dr. Dhale Abhijeet	MCh Urosurgery
Dr. Dihare Thivendra	MCh Paediatric Surgery.
Dr. V. Rewale	Fellowship in surgical oncology
Dr. Vikas Kale	DNB, Urology

38. Present details of departmental infrastructural facilities with regard to

- Library : Available. 213 Books, 17 + 6Journals.
- Internet facilities for staff and students :Available
- Total number of class rooms :9
- Class rooms with ICT facility and 'smart' class rooms : 1**Available**
- Students' laboratories. :NA
- Research laboratories :Available

39. List of doctoral, Post doctoral and Research Associates

- a) From the host institution/university  
b) From other institutions/universities

	Doctoral Students	Post doctoral	Research Associates
from the host institution/university	24/48	05	-
From other institutions/universities	24/48	04	-

40. Number of post graduate students getting financial assistance from the university.  
Research Grants list

Nil

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

**Yes, need assessment exercise is undertaken before the development of new program using Pathak Wagma Mishra algorithm of need analysis for modifying / introducing program in health professionals' education. It is an It is algorithm righted by copyright office of govt. of India and is based on context analysis, user analysis and work analysis.**

42. Does the department obtain feedback from

- a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

**Yes, The Feedback from faculties are utilized for development, designing and updation of curriculum and syllabus.**

- b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

**Yes, The Feedback from students are utilized for improvement of performance of the staff and updation of curriculum.**

- c) Alumni and employers on the programs offered and how does the department utilize the feedback?

**Yes, The Feedback from them are utilized for identification of needs for development, designing and updation of curriculum and syllabus.**



43. List the distinguished alumni of the department (maximum 10)

Name of the distinguished alumni	Presently Working as
1. Dr. Swapnil Deshpande	MCh Cardiothoracic Surgery
2. Dr. Anup Paliwal	MCh Paediatric surgery.
3. Dr. Gaurav Sali,	Gold medalist at university level pursuing Mch in Urology
4. Dr. Shree Vally	Completed Mch Neurosurgery
5. Dr. Deepkumar Jain:	DNBUrosurgery
6. Dr. Gaurav Gattani:	Fellowship course in oncolosurgery
7. Dr. Ruch Jajoo:	Fellowship course in Laparoscopy and endoscopy
8. Dr. Gaurave Amle:	Mch Neurosurgery
9. Dr. Mayor agrawal	DNB Plastic Surgery
10. Dr. Kalpesh Bora :	Mch Plastic Suregry

44. Give details of student enrichment programs (special lectures/workshops/seminar) involving external experts. : CME / Guest lectures/seminars

- CMEs
- New horizons in Coloproctology 15 June 2013 National CME on Hernia Update – 27 Oct. 2013
- eCME on breast cancer. Surgical Case Reviews 5 March 2014 National CME: New frontiers in Renal Transplant – 13 July 2014 National eCME: Ventral Hernia – 15 Jan 2015
- Departmental: Hands on training of Endoscopy and Laparoscopy 15 Feb 2015 State CME: Update on Salivary gland pathology – 9 Apr. 2015.
- Reconstruction and Micro-plastic surgery for general surgeons. 13 Feb 2016. National CME: Live operative workshop on thyroid disorders and Neck dissection. Nov. 2016
- International CME on Breast Cancer – “What’s New”, June – 2017.
- Hands on training for GI, Bronchial and vascular staplers. BLS and ACLS course by AHA accredited.
- Basic workshop, advanced course in MET, ATCOM sensitization. MET workshops for paper setting, Thesis writing, Thesis evaluation Frequent training workshops for basic
- Monthly SRS activity, CPC meeting and mortality meet.

45. List the teaching methods adopted by the faculty for different programs including clinical teaching. ITP, PBL, OSCE /OMP/ Mini CEX, Simulations, virtual learnings etc

	TEACHING METHODS	CLINICAL TEACHING
UG	Didactic lecture Seminar Symposium PBL, IPT	Bed side clinics Surgical skills lab Video demonstrations OSCE
PG	Faculty lectures Seminar Journal club Group discussion Pg question of week	Long case Short case Clinical rounds DOPS, MiniCEX SKILLS LAB

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

**Program objectives: Academic Appraisal Program.**

47. Highlight the participation of students and faculty in extension activities.

**FACULTY:**

- a) **Community breast cancer screening by mobile mammography clinic.**
- b) **Organising yearly laparoscopic mega camp at Hemalksa- A tribal zone affected by Naxalite.**
- c) **Participation yearly operative camp organised by Rotary club Nagpur at Chikhaldara, Melghat region.**
- d) **Multi-diagnostic community camps are arranged in remote tribal area.**
- e) **Health educational programme for self breast examination and oral health.**
- f) **Cancer awareness program and training of ASHA workers and paramedical health personals.**

**STUDENTS:**

**Camps, NSS Activity, Integrated Health Team.**

48. Give details of “beyond syllabus scholarly activities” of the department.

- **Faculty:**  
Motivation for books writing, patents and copyrights
- **Fellowship:**  
Externship at GEM hospital Coimbatore for fellowship candidate in MIS
- **PG:**  
Paper, Poster and Publication (PPP) model for PG students. Hands on training for vascular suturing, stapler  
Training of PG through laparoscopy, hands on endoscopy workshop, live operative workshop.
- **UG:**  
STS projects,  
ICMR/ University research projects, Participation in state level surgical quiz.  
Suture practicum for Undergraduate and Interns.

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

**Yes. ISO 9001: 2008**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

**Training for Breast self Examination to ASHA workers and Paramedical Health Personals and small community groups.**

**SNAPPS for case presentation**

**Simulation skills lab: For basics and advanced skills. Simulation skills Lab:**

**Laparoscopy and Endoscopy.**

**Faculty lecture for PG for up gradation of skill and knowledge.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

SWOC ANALYSIS				
Sn	Strength	Weakness	Opportunities	Challenge
1	Senior and experienced staff for effective clinical care and Super specialty staff for updated management of complicated patients.	No funded projects as less funding is allocated for surgical illnesses by funding agencies.	For generating high quality research.	Funded projects through international agencies like WHO, NIH on thrust areas.
2	Availability of adequate clinical material for clinical teaching of UG, PG and Fellows		Emerge as centre of excellence for treatment of hepato-pancreato-biliary, thoracic and laparoscopic surgeries	Managing health economics through available resources suitable to population hospital is catering.
3	Availability of quality infrastructure and advanced surgical equipments.	Molecular research facility	Writing of surgical text book and reference books	Maintaining high quality care in adverse environment in summer.
4	Original research publications and generation of new knowledge.		Generation of IPR, Patents and copyright.	Reduce seasonal variation of patients due seasonal crops.
5	36 post graduate students( 12 students per year) for effective surgical care of patients			

52. Future plans of the department.

Academic	Clinical	Research	Teaching / learning
Increase intake of fellowship candidates in FMIS, certificate courses.	Further up-gradation of existing facilities to the level of centre of excellence.	Appointment of research associate and staticians.	Library of Operative videos and digitalization of X-ray, Specimens and Instruments.
Start New Fellowship in diabetic foot care	Establishment of separate Burn care unit, Thoracic surgery unit and HPB unit with state of the art facilities.	Research Proposals on thrust areas of international and national funding agencies	
	Separate SICU for critical patients. Purchase of Intra-operative USG/ endoscopic USG for proper assessment.		
	Establishment of diabetic foot and chronic wound management clinic.		
	Up-gradation of Hair restoration unit.		

-----

## Evaluative Report of the Department

1. Name of the Department : **ORTHOPAEDICS**

2. Year of establishment : **1991**

3. Is the Department part of a college/Faculty of the university?

**Part of a College.**

4. Names of programs offered

**UG-MBBS, PG-MS (Orthopaedics), PG Diploma (Diploma in Orthopaedics), Fellowship in Spine surgery & Fellowship in Limb Reconstruction and Deformity Correction, Diploma in Spine Rehabilitation.**

5. Interdisciplinary programs and departments involved.

**2**

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

**2**

7. Details of programs discontinued, if any, with reasons

**Nil.**

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

**UG : Semester**

**PG : Annual**

**Fellowship : CBCS**

9. Participation of the department in the courses offered by other departments

**B.P.Th**

**10. Number of teaching posts sanctioned, filled and actual  
(Professors/Associate Professors/Asst.Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	6	6
Associate Professor/Reader	7	3	3
Assistant Professor	4	6	6
Senior Resident	4	5	5

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. S.V. Deshpande	MBBS MS (Ortho) M.Phil Fellowship in Medical Education	Professor & Head	Orthopaedics	32.5 Yrs
Dr. S. Shrivastava	MBBS MS (Ortho) DNB (Ortho Surgery) PhD. Fellowship in Medical Education	Professor & Dean	Orthopaedics	23.8 Yrs
Dr. N. Saxena	MBBS MS (Ortho) MS (Sur)	Professor	Orthopaedics	39.02 yrs
Dr. N.S. Dhaniwala	MBBS MS (Ortho) Fellowship in LRDC. Fellowship in Medical Education	Professor	Orthopaedics	32.06 yrs
Dr. Kiran Saoji	MBBS MS (Ortho) FCPS (Ortho)	Professor	Orthopaedics	19.10 yrs
Dr. Sunil Nikose	MBBS MS (Ortho) D.Sc Ortho. (USA) FRCS (Canada) Dip. SICOT Fellowship in Trauma Surgery (Germany) Fellowship in Jt. Replacement & Adult Reconstruction (Canada)	Professor	Orthopaedics	19.08 yrs

Dr. Nitin Samal	MBBS MS (Ortho) Fellowship in Spine Surgery	Asso. Professor	Orthopaedics	13.04 yrs
Dr. G. Pisulkar	MBBS MS (Ortho) Fellowship in Spine Surgery	Asso. Professor	Orthopaedics	9.08 yrs
Dr. U. J. Dudhekar	MBBS MS (Ortho)	Asso. Professor	Orthopaedics	7.00 yrs
Dr. Vasant Gawande	MBBS D (Ortho) DNB (Ortho) Fellowship in Spine Surgery	Asst. Professor	Orthopaedics	9.00 yrs
Dr. Sandeep Wagh	MBBS D (Ortho) DNB (Ortho)	Asst. Professor	Orthopaedics	4.03yrs
Dr. Vivek Morey	MBBS MS (Ortho) DNB (Ortho) Diploma in Tissue Banking	Asst. Professor	Orthopaedics	6.02 yr
Dr. Sohael Khan	MBBS MS (Ortho) Fellowship in Spine Surgery	Asst. Professor	Orthopaedics	5.00 yr
Dr. Romil Rathi	MBBS MS (Ortho)	Asst. Professor	Orthopaedics	6.00 yrs
Dr. Sparsh Naik	MBBS MS (Ortho)	Sr. Resident	Orthopaedics	4.00 yr
Dr. Antariksha Waghmare	MBBS MS (Ortho)	Sr. Resident	Orthopaedics	4.00 yr
Dr. Gurminder Singh	MBBS D (Ortho) Fellowship in Spine Surgery	Sr. Resident	Orthopaedics	4.00 yrs
Dr. Chandramani Roy	MBBS D (Ortho)	Sr. Resident	Orthopaedics	3.00 yr

12. List of senior Visiting Fellows, **Adjunct Faculty**, emeritusprofessors

- **Dr. Vishal Sahni** – Southport and Ormsirk hospital, NHS trust,UK
- **Dr. Hemant Sharma** – Hull Royal Infirmary & Castle Hill hospital, Hull York Medical School,UK.
- **Dr. Vaibhav Bagaria** – CARE Hospital,Nagpur

13. Percentage of classes taken by temporary faculty – program-wiseinformation

Nil

14. Program-wise Student TeacherRatio

UG :- 11:1  
**PG - 1:1**  
**Fellowship 2:1**  
**PhD 5:1**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Sr.No.	Designation	Sanction	Filled	Actual
1	Technical Staff	1	1	3
2	Administrative staff (Clerk, Steno, Storekeeper, Attendant,)	4	4	5

16. Research thrust areas as recognized by major funding agencies-

- **Traumatology & Rehabilitation,**
- **Geriatric and Degenerative disorders.**
- **Infection in Orthopaedics (Surgical site infection & Infection control)**
- **Arthroscopy & Sports Medicine**
- **Spine & Rehabilitation**
- **Limb Reconstruction & Deformity Correction**
- **Regenerative medicine, Tissue engineering and Cellular therapy.**
- **Implant designing and Metallurgy**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise- 2

**International Project -157000/-**

Name of Agency	Project Title	Grant Received
<b>Canadian Institute of Health Research</b>	<b>International Orthopaedic Multicentre Study in Fracture Care (INORMUS)</b>	1,57,000/-

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration

Name of Agency	Project Title	Grant Received
Canadian Institute of Health Research	International Orthopaedic Multicentre Study in Fracture Care (INORMUS)	1,57,000/-

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, PE; DBT, ICSSR, AICTE, etc.; total grants received.

<b>ICMR – STS</b>	–	<b>03 UG</b>
<b>ICMR – PG Thesis</b>	–	<b>01</b>
<b>ICMR travel fellowship</b>	–	<b>01</b>
<b>Total grant received</b>	–	<b>1, 50,000/-</b>



20. Research facility / centre with :

**State Recognition :** District Disability Rehabilitation Centre

National Recognition **:Recognized centre for Pediatric deformity correction in school going children recognized under Sarva Shiksha Abhiyan , national program.**

International Recognition : **Site for INORMUS Study by McMaster Surgical Association Hamilton Health Sciences and the George Institute for Global Health**

21. Special research laboratories sponsored by / created by industry or corporate bodies

**Nil**

22. Publications: - (List of Details is Annexed)

- Number of Papers Published in Peer Reviewed Journals (National / International)  
**: Total 91.**
- Monographs **: Nil**
- Chapters in Books **: 04**

<b>Sn</b>	<b>Name of the Faculty</b>	<b>Book</b>
1	Dr. S. Shrivastava	Book - An Operative Manual of Proximal Femoral Fracture: Chapter - Osteosynthesis of fracture neck of femur. ISBN 978-9-351-52845-4
2	Dr. P. Singh	Book:- An Operative Manual of Proximal Femoral Fracture. Chapter : Sliding Screw Fixation for Intertrochanteric Fractures: Operative Technique and Outcome
3	Dr. Vivek Morey	Book:- Arthroscopy basic to advance Chapter:- anterior traumatic instability without glenoid bone loss.

- Books edited **: Nil**
- Books with ISBN with details of publishers **: 02**  
**Quality Assurance in Medical Education by Academic Appraisal Programme – Learner centric initiative and innovation, Lambert academic publications. ISBN- 978-3-659-85591-7**  
**Book on Osteoporosis - Openaccess**
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences

Directory, EBSCO host, Medline, etc.) – 85

- Citation Index : 12.8
- SNIP : 2.21
- SJR : 2.93
- Impact Factor : 4.12
- H-Index : 9

23. Details of patents and income generated:05

Patent / copyright	Income generated
sMEs – Sandeep’s Model for emergency support and Pre-yell safety application	Its Android based Application is available on Google play – free of cost, till date more than 85000 downloads across the globe
H_COIN – Health coin in a Novel Method for outcome measurement in researches and generation of U level of evidence	-
SAL- self assertive learning	-
AcAP-academic appraisal programme	Book published
Early research exposure- modality to imbibe research culture in undergraduates	-
STARS therapy – Sandeep’s technique for assisted regeneration of skin	PRP clinic has been established in the institute and the procedure is been utilized as a treatment modality for wound healing at the rate of 500 Rs per session

24. Areas of consultancy and income generated:

Area of consultancy	Income generated
Dr. N.K Saxena –Medico legal opinion for age verification to department of forestry	5000/-
Dr. Sunil Nikose –BLS ACLS instructor and Centre coordinator ATLS instructor Peer Reviewer in OMCIS Journals Honorary Director of Centre of Excellence of School of Virtual Learning	8000/session Rs. 10000/- Rs. 10000/- PM
Dr. Sandeep Shrivastava–BLS ACLS instructor Faculty MCI Nodal center for faculty development Honorary Director, Centre of Excellence for Arogya Setu	6000/session 500/lecture Rs. 10000/- PM
Dr. Sanjay Deshpande Faculty MCI Nodal center for faculty development	500/lecture

Dr. Sohael Khan - Peer Reviewer in OMCIS Journals Peer Reviewer in Singapore Journals	Rs. 10000/-
--	-------------

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Name of faculty	Visit to other lab/ institutes/industries in India and abroad
Dr. Sunil Nikose	<ul style="list-style-type: none"> <li>• Visiting Faculty at University of Toronto, Canada</li> <li>• Visiting Faculty at Mount Sinai Hospital, New York, USA</li> <li>• Visiting Faculty at Boston Medical School, Massachusetts, Boston, USA</li> </ul>
Dr. Romil Rathi	<ul style="list-style-type: none"> <li>• IRCCS Policlinico San Matteo, Pavia, Italy</li> </ul>
Dr. Pradeep Singh	<ul style="list-style-type: none"> <li>• Singapore general hospital, Singapore.Germany</li> </ul>
Dr. Akash Saoji	<ul style="list-style-type: none"> <li>• Herzfeld, Germany</li> </ul>
Dr. Vivek Morey	<ul style="list-style-type: none"> <li>• National University Hospital , Singapore</li> </ul>
Dr. Sohael Khan	<ul style="list-style-type: none"> <li>• Indian spinal injury center, New Delhi Dr. H L Hiranandani ,hospital , Mumbai Nanoori Hospital , Suwon-si, Seoul, Korea</li> </ul>
Dr. Gaurav Mundada	<ul style="list-style-type: none"> <li>• Nanoori Hospital , Suwon-si, Seoul, Korea</li> </ul>
Dr. Vasant Gawande	<ul style="list-style-type: none"> <li>• Mildura base hospital , Victoria , Australia</li> </ul>
Dr. Sandeep Shrivastava	<ul style="list-style-type: none"> <li>• Kasturba Medical College, Manipal</li> </ul>

26. Faculty serving in  
 a) National committees – ,b) International committees  
 c) Editorial Boards – d) any other (specify)

Name of faculty	Serving agency /board/committee
Dr. Sandeep Shrivastava	<ul style="list-style-type: none"> <li>- Co-Convener expert group orthopaedics, Academic Cell of Medical Council of India</li> <li>- Member expert group medical devices , ministry of chemicals and fertilizers</li> <li>- Expert group Nodal Sickle cell Center</li> <li>- Editorial board and reviewers of               <ol style="list-style-type: none"> <li>1. Journal of Datta Meghe Institute of Medical Sciences University ( a multi disciplinary Journal)</li> <li>2. Journal of Vidarbha orthopaedics society</li> <li>3. Indian journal of medical and dental research</li> <li>4. Journal of Rural orthopaedics and allied sciences</li> <li>5. Journal of orthopaedic case reports(International Journal)</li> <li>6. Journal of Orthopaedics Surgeries &amp; Research (International Journal)</li> <li>7. Journal of MGIMS</li> <li>8. International Journal of Recent Surgical &amp; Medical Sciences.</li> </ol> </li> </ul>
Dr. Sunil Nikose	<ol style="list-style-type: none"> <li>1. Editorial Board member of Journal of Pioneering Medical Sciences</li> <li>2. Editorial Board member of Archives of Infectious diseases and therapy ,USA</li> <li>3. Editorial Board member of Journal of Women's Healthcare, Los Angeles CA(USA)</li> <li>4. Editorial Board member of ICMSEA journals ,USA</li> <li>5. Editorial Board member of International Orthopaedics</li> <li>6. Editorial Board member of International Journal of Medical Review and Case Report ISSN2534-9821</li> <li>7. Editorial Board member of Vascular Medicine and Surgery , ISSN2329-6925</li> <li>8. Editorial Board member of Global Journal of Addiction and Rehabilitation Medicine</li> <li>9. Editorial Board member of MOJ Orthopaedics and Rheumatology</li> <li>10. Editorial Board member of Journal of Digestive Diseases and Hepatology.</li> <li>11. Editorial Board member of JOSR, USA</li> <li>12. Editorial member of Journal of Orthopedics and Allied Sciences</li> <li>13. PEER reviewer for OMICS journals in orthopedics and all the above Journals stated above</li> </ol>
Dr. Sanjay Deshpande	- Journal of Orthopaedics & Allied Sciences.
Dr. N. K. Saxena	- Journal of Orthopaedics & Allied Sciences.

Dr. N.S. Dhaniwala	- Member in Reviewer board of Indian Journal of Orthopaedics Surgery Innovative publication
Dr. Sohael Khan	- Deputy Editor - International Journal of Recent Surgical and Medical Sciences - Managing Editor - Journal of Orthopaedics and Allied Sciences - Peer Reviewer Omnis Group of Journals

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

- **Medical Education Training**
- **Subspeciality training in National & International Institute of Prominence under eminent faculty.**
- **Active participation in various conferences, workshops, CMEs.**
- **To motivate and facilitate faculty for various fellowship programs, and PhD.**
- **By conducting regular conference, workshop, CMEs, webinars and group discussions.**
- **ACLS & BLS Programme.**

28. Student Projects

- Percentage of students who have taken up in-house projects including inter-departmental projects

Course wise students	Percentage
UG	Nil
PG	100%
PhD	100%

- Percentage of students doing projects in collaboration with other universities/industry/ institute

Course wise students	Percentage
UG	Nil
PG	Nil
PhD	Nil

29. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoralfellows
- Students

	Names	Awards/recognitions
<b>Faculty</b>	Dr. S.rivastava	<ul style="list-style-type: none"> <li>• Professor Dr. O. P. Sharma Oration 35th Annual conference of IOA. MP Chapter 2016.</li> <li>• Best Paper Award in the fellowship in Medical Education at the Nodal Centre, MCI Aug2015.</li> <li>• Moderator to 37th SICOT World Congress, China on session on Information Technology.</li> <li>• Conference Oration-Central Zone IOA, Ujjain, Sept2015.</li> <li>• Director Centre of Excellence -AryogyaSetu</li> <li>• Invited Guest Speaker in International and National conferences:</li> <li>• Precision Medicine Conference at SanAntonio, USA, Dec1-2,2016.</li> <li>• Tissue engineering and regenerative medicine held from 12-15th Sept.2016 at BerlinGermany.</li> <li>• World Union of wound healing societies held on 25th -29th Sept at FlorenceItaly.</li> <li>• Guest Lecture at Padua University , Italy on ,Sept.2016</li> <li>• Cell-Metabolomics conference held in 25th-27th July at Las Vegas,USA</li> <li>• Annual Indian Orthopaedic Conference IOACON , Kochi to be held inDec2016</li> <li>• 4th Biotechnology World Congress - University of Sharjah Abu DhabiFeb2016</li> <li>• 7th International Conference on Drug Discovery and therapy - University of Sharjah, Abu Dhabi , Feb2015</li> <li>• State Chapter , MP, IOACON , 24th Oct 2015, GwaliorIndia</li> <li>• 27<sup>th</sup> SICOT Triennial world congress &amp; China Annual meeting Orthopaedic Conference Guangzhou, CHINA,Sept.2015</li> <li>• 26th SICOT Triennial world congress &amp; 46th SBOT AnnualmeetingOrthopaedic Conference -Rio de Janerio, Brazil2014</li> <li>• Faculty at BLS and ACLS courses (Accredited by American</li> </ul>
	Dr. S.V. Deshpande	<ul style="list-style-type: none"> <li>• Best poster award 1st Fellowship in Medical Education2014</li> <li>• Appreciation letter for service in National Bomb blast catastrophe at CAD Pulgaon, M.S.(India)</li> </ul>

	Dr. N. S. Dhaniwala	<ul style="list-style-type: none"> <li>• Appreciation letter for service in National Bomb blast catastrophe at CADPulgaon, M.S.(India)</li> </ul>
	Dr. Sunil Nikose	<ul style="list-style-type: none"> <li>• Appointed as external panel of examiners for Royal College of Surgeons and Physicians of Canada (Ontario) in Orthopaedics</li> <li>• Completed Instructor programme for AHLS (Advanced Hazmat Life Support) at Kochi from 18-19 Dec 2016, University of Arizona, School of Medicine, USA</li> <li>• Member , Board of Director of the American Academy of Orthopaedic Surgeons and facilitated for valuable services as the member of AAOS on February 12,2015</li> <li>• American board Certified Orthopaedic surgeon Certified by American Board of Orthopaedic Surgery,USA</li> <li>• Visiting faculty as Clinical Professor in Orthopaedics surgery and Reconstruction at University of Toronto ,Canada</li> <li>• AHLS- Advanced Hazmat Life Support Provider and Instructor by College of Medicine , University of Arizona ,USA</li> <li>• Director - Centre of Excellence for School of Virtual Learning.</li> <li>• Awarded Certification by the American Board of Surgery in the specialty of Surgery, Philadelphia, PA, USA, - Valid till July 01,2019</li> <li>• Admitted as Fellow of American College of Surgeons (FACS),Chicago, Illinois,USA</li> <li>• Board Certified by Medical Council of Canada</li> <li>• Admitted as Fellow to the Royal College of Physicians and Surgeons of Canada, Ottawa,Canada</li> <li>• Licensed orthopedic surgeon to Practice in United Arab Emirates (UAE) by Health Authority Of Abu Dhabi (HAAD)UAE</li> <li>• Chaired one session in POSICON (National Conference of Paediatric Orthopedics Society). In this free paper session on 28<sup>th</sup> Jan 2017 – Interesting Video / Technique 2<sup>nd</sup> session – 10.25 to 10.45am</li> <li>• Attended as Faculty in 61<sup>st</sup> Indian Orthopedic Association Conference (15–17 December, 2016)</li> <li>• Faculty and Lead Instructor at BLS and ACLS courses (Accredited by American Heart Association – AHA, USA) at</li> </ul>

	Dr. N.K. Saxena	<ul style="list-style-type: none"> <li>• Chaired one session in POSICON (National Conference of Paediatric Orthopedics Society). In this free paper session on 27<sup>th</sup> Jan 2017 eminent National and International faculties delivered their talk on various pediatric orthopaedic problems like CTEV, Cerebral Palsy and Trauma</li> </ul>
	Dr. S. Khan	<ul style="list-style-type: none"> <li>• Best paper award, PGRTOP2014</li> <li>• 1<sup>st</sup> Prize in Poster Presentation, PG Convention, JNMC on 9<sup>th</sup> Nov.2014</li> <li>• Scoliosis Research Society Fellowship in 2016</li> </ul>
	Dr. Romil Rathi	<ul style="list-style-type: none"> <li>• IRCCS Policlinico San Matteo, Pavia, Italy</li> </ul>
Doctor Al/Post Doctoral Fellows	Dr. P. Singh	<ul style="list-style-type: none"> <li>• Singapore general hospital, Singapore Fellowship in spine, Germany</li> </ul>
	Dr. A. Saoji	<ul style="list-style-type: none"> <li>• Fellowship in spine, Germany</li> </ul>
Students	Dr. G. Khemka	<ul style="list-style-type: none"> <li>• Gold Medalist in M.S. (Orthopaedics) in Summer 2015</li> </ul>
	Dr. A. Waghmare	<ul style="list-style-type: none"> <li>• PGRTOP 2015 Best paper award</li> </ul>
	Dr. Bhushan	<ul style="list-style-type: none"> <li>• Best Paper Award - VOSCON 2016</li> </ul>
	Dr. A. Chandak	<ul style="list-style-type: none"> <li>• PGRTOP 2015 Best Poster award</li> </ul>
	Dr. A. Wanjari	<ul style="list-style-type: none"> <li>• Best Thesis Award In 2016</li> </ul>
	Dr. M. Gudhe	<ul style="list-style-type: none"> <li>• Gold Medalist in M.S. (Orthopaedics) in Summer 2016</li> </ul>
	Dr. Pratik Patil	<ul style="list-style-type: none"> <li>• Appreciation letter for service in National Bomb blast catastrophe at CAD Pulgaon, M.S. (India)</li> </ul>
	Dr. Varun Shah	<ul style="list-style-type: none"> <li>• Appreciation letter for service in National Bomb blast catastrophe at CAD Pulgaon, M.S. (India)</li> </ul>
	Dr. Mukund Dhaniwala	<ul style="list-style-type: none"> <li>• Appreciation letter for service in National Bomb blast catastrophe at CAD Pulgaon, M.S. (India)</li> <li>• Winner in Best Paper Award in PGRTOP -3 in Orthopaedics</li> <li>• Winner team member in State level Quiz at MOACON 2016 at Aurangabad</li> <li>• Will represent state in Indian Orthopedic Association Quiz.</li> </ul>
	Dr. Anirudha Chandak	<ul style="list-style-type: none"> <li>• Appreciation letter for service in National Bomb blast catastrophe at CAD Pulgaon, M.S. (India)</li> </ul>



Dr. Swapnil Kumar Rai	<ul style="list-style-type: none"> <li>• Appreciation letter for service in National Bomb blast catastrophe at CAD Pulgaon, M.S. (India)</li> </ul>
Dr. Malhar Jadhav	<ul style="list-style-type: none"> <li>• Appreciation letter for service in National Bomb blast catastrophe at CAD</li> <li>• Pulgaon, M.S. (India)</li> <li>• Runner in Best Paper Award in PGRTOP -3 in Orthopaedics</li> </ul>
Dr. Sumit Baheti	<ul style="list-style-type: none"> <li>• Appreciation letter for service in National Bomb blast catastrophe at CAD Pulgaon, M.S. (India)</li> </ul>

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Seminars/Conferences/Workshops	Funding Agency (National / International)	Outstanding Participants
CME on Musculoskeletal Injuries in Paediatrics conducted ON 15 Sept 2013	Institutional	<ol style="list-style-type: none"> <li>1. Dr. AlekAroojis</li> <li>2. Dr. K.R.Patond</li> <li>3. Dr. R. M.Chandak</li> <li>4. Dr. V.Shingade</li> <li>5. Dr. C.M.Badole</li> <li>6. Dr. S. D.Choudhari</li> <li>7. Dr. M. R.Koaichade</li> </ol>
Postgraduate Research In Trauma, Orthopaedics & Physical Medicine (PGR - Top: I) 26th & 27th July. 2014.	<b>National</b> <ul style="list-style-type: none"> <li>• S H Pitkar Orthotools PVT. LTD,</li> <li>• Institutional</li> </ul>	<ol style="list-style-type: none"> <li>1. Dr. Dr. B.J.Kamath</li> <li>2. Dr. SameerGupta</li> <li>3. Dr. G.V.S. Moorthy</li> <li>4. Dr. SantoshSharma</li> <li>5. Dr. R.N.Shrivastava</li> <li>6. Dr. Alok C.Aggarawal</li> <li>7. Dr. ShahAlam</li> </ol>
MMC Accredited CME On Multiple Trauma On 01 Aug. 15	Institutional	<ol style="list-style-type: none"> <li>1. Dr. S.Shrivastava</li> <li>2. Dr.VirenBelekar</li> <li>3. Dr.Kakani</li> <li>4. Dr. R. K.Shinde</li> <li>5. Dr. PramodJain</li> <li>6. Dr. PankajBanode</li> <li>7. Dr. KaveriPai</li> </ol>
2nd National Conclave on Postgraduate research and Trauma research, MMC accredited 4 hours on 22nd and 23 Aug 15.	<b>National</b> <ul style="list-style-type: none"> <li>• S H Pitkar Orthotools PVT. LTD,</li> <li>• Institutional</li> </ul>	<ol style="list-style-type: none"> <li>1. Dr. N.Quazi</li> <li>2. Dr.Mahakalkar</li> <li>3. Dr.S.K.Sharma</li> <li>4. Dr.DevashishBarick</li> <li>5. Dr.Patond</li> </ol>

Spine CME on 26/09/2015	Institutional	1.Dr. PankajBanode 2.Dr. Manoj Singharakhiya 3.Dr. PradeepSingh 4.Dr. SunilNikose 5.Dr. G.Pisulkar
Total Hip Arthroplasty workshop on 28/07/2016	Institutional	1. Dr. UnmeshMahajan 2. Dr. R.Dulani 3. Dr. S. K.Sharma 4. Dr. SunilNikose
3rd National Conclave on Postgraduate research and Trauma research on 29th to 30th July 2016	<b>National</b> • S H Pitkar Orthotools PVT. LTD, • Institutional, • <u>Sneha Biomedical IndustriesPvt. Ltd.</u>	1. Dr. SanjayChaturvedi 2. Dr. SameerGupta, 3. Dr. RajeshDulani 4. Dr. DilipGupta 5. Dr.Pundkar 6. Dr. DevashishBarik 7. Dr. SudhirShrivastava
Workshop on Spine Surgeries On 23 <sup>rd</sup> December, 2016	Departmental	1. Dr. KedarPhadke 2. Dr. NitinSamal 3. Dr. GauravMundada 4. Dr. SohaelKhan

31. Code of ethics for research followed by the departments.

**Yes , all research projects are undertaken as per guidelines of international committee , animal ethical committee ,scientific scrutiny committee for clinical trials ,after due approvals.**

32. Student profile program-wise:

Name of the Program (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	As per NEET	87	113	89%	97.35%
PG	As per NEET	07	00	--	--
Fellowships(Spine + LRDC)	--	--	--	75%	--
PhD	--	--	--	3 completed	--
M.Phil	--	--	--	100 %	--
Advance MET/FIME	--	--	--	100%	--

33. Diversity of Students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG	100	33.95	51	15.05
PG	47	32	21	0
PG Diploma	50	0	50	0
Fellowships				

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

**117 Students.**

35. Student progression

Student Progression	Percentage Against Enrolled
UG to PG	<b>53%</b>
PG to M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>3%</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campus selection	<b>24%</b>
• Other than campus recruitment	<b>7%</b>
Entrepreneurs	<b>12%</b>

36. Diversity of staff

Percentage of faculty who are graduates of the same university	
of the same university	<b>42 %</b>
from other universities within the State	<b>47%</b>
from universities from other States	<b>10 %</b>
from universities outside the country	<b>0%</b>

37. Number of faculty who were awarded M.Phil, DM, MCh, Ph.D., D.Sc. and D.Litt. during the assessment period
- **M.Phil** - **01**
  - **PhD** - **03**
  - **D.Sc.** - **01**

38. Present details of departmental infrastructural facilities with regard to

- a) Library - **240 books & 18 Journals**
- b) Internet facilities for staff and students - **Yes**
- c) Total number of class rooms - **06**
- d) Class rooms with ICT facility and 'smart' class rooms - **All**
- e) Students' laboratories - **Nil**
- f) Research laboratories - **Nil**

39. List of doctoral, post-doctoral students and Research Associates

- a) **from the host institution/university** - **05**
- b) **from other institutions/universities** - **08**

40. Number of post graduate students getting financial assistance from the university. (last 4 years)

Name of students	Financial assistance amount
Nil	Nil

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

**Yes, need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt. of India and is based on context analysis, user analysis and work analysis**

42. Does the department obtain feedback from

- a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

**Yes, The Feedback from faculties are utilized for development, designing and updation of curriculum and syllabus.**

- b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

**Yes, The Feedback from students are utilized for improvement of performance of the staff and updation of curriculum.**

- c) Alumni and employers on the programs offered and how does the department utilize the feedback?

**Yes, The Feedback from them are utilized for identification of needs for development, designing and updation of curriculum and syllabus.**

43. List the distinguished alumni of the department (maximum 10)

Sn.	Name of Alumni	Currently working at post
1	Dr. Ravi Purohit , MS	Consultant Orthopaedics Surgeon, UK
2	Dr. Pradeep Singh, Ph.D	Senior Spine consultant at Hiranandani Hospital, Mumbai.
3	Dr. Bhanu Pratap Singh, Ist MS	Joint Replacement Surgeon at Shalby Hospital, Ludhiana.
4	Dr. Amandeep Singh, D.Orth	Consultant in Spine Surgery, Nanavati Hospital, Mumbai
5	Dr. Sarthak Patnaik, MS	Director Sunshine Hospital, Bhubneshwar, Odisha, CEO in Lyfso Group of Gym. Consultant Orthopaedics Surgeon to National Cricket team (Blind) which won the World Cup 2017.
6	Dr. Mohd. Mudassir, MS	Consultant Orthopaedic Surgeon & Sports injury specialist to IPL Cricket team, Mumbai.
7	Dr. Harshal Sakale , MS	Asst. Prof., Dept. of Orthopaedics, AIIMS, Raipur
8	Dr. Mohit Sethi , MS	Asst. Prof., Dept. of Orthopaedics, CMC, Ludhiana
9	Dr. G. Pisulkar, MS	Asso. Prof., Dept. of Orthopaedics JNMC, Sawangi (Meghe) Wardha
10	Dr. Romil Rathi, MS	Asst. Prof., Dept. of Orthopaedics JNMC, Sawangi (Meghe) Wardha

44. Give details of student enrichment programs (special lectures/workshops/seminar) involving external experts.

Special Lectures / Workshops / Seminar	External Experts
CME on Musculoskeletal Injuries in Paediatrics conducted ON 15 Sept 2013	<ol style="list-style-type: none"> <li>1. Dr. AlekAroojis</li> <li>2. Dr. K.R.Patond</li> <li>3. Dr. R. M.Chandak</li> <li>4. Dr. V.Shingade</li> <li>5. Dr. C.M.Badole</li> <li>6. Dr. S. D.Choudhari</li> <li>7. Dr. M. R.Koaichade</li> </ol>
Postgraduate research in trauma , orthopaedics & physical medicine (PGR - top : I)26th & 27th July. 2014.	<ol style="list-style-type: none"> <li>1. Dr. Dr. B.J.Kamath</li> <li>2. Dr. SameerGupta</li> <li>3. Dr. G.V.S. Moorthy</li> <li>4. Dr. SantoshSharma</li> <li>5. Dr. R.N.Shrivastava</li> <li>6. Dr. Alok C.Aggarawal</li> <li>7. Dr. ShahAlam</li> </ol>
CME on Multisystem trauma on 01 Aug. 15	<ol style="list-style-type: none"> <li>1. Dr. SudhirShrivastava</li> <li>2. Dr.VirenBelekar</li> <li>3. Dr.Kakani</li> <li>4. Dr. R. K.Shinde</li> <li>5. Dr. PramodJain</li> <li>6. Dr. PankajBanode</li> <li>7. Dr. KaveriPai</li> </ol>
2nd National Conclave on Postgraduate research and Trauma research, MMC accredited 4 hours on 22nd and 23 Aug 15.	<ol style="list-style-type: none"> <li>1. Dr. N.Quazi</li> <li>2. Dr.Mahakalkar</li> <li>3. Dr.S.K.Sharma</li> <li>4. Dr.DevashishBarick</li> <li>5. Dr.Patond</li> </ol>
Examination of Shoulder, 23/07/2015 to 25/07/2015	Dr. Vishal Sahni
Spine CME on 26/09/2015	<ol style="list-style-type: none"> <li>1. Dr. PankajBanode</li> <li>2. Dr. ManojSingharkhiya</li> </ol>
Total Hip Arthroplasty workshop on 28/07/2016	<ol style="list-style-type: none"> <li>1. Dr. UnmeshMahajan</li> <li>2. Dr. R.Dulani</li> <li>3. Dr. S. K.Sharma</li> </ol>

3rd National Conclave on Postgraduate research and Trauma research on 29th to 30th July 2016	<ol style="list-style-type: none"> <li>1. Dr. SanjayChaturvedi</li> <li>2. Dr. SameerGupta,</li> <li>3. Dr. RajeshDulani</li> <li>4. Dr. DevashishBarik</li> <li>5. Dr. SudhirShrivastava</li> </ol>
Workshop on Spine Surgeries On 23 <sup>rd</sup> December, 2016	Dr. Kedar Phadke

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

- **Didactic Lecture**
- **Seminar**
- **Demonstration**
- **Group discussion**
- **Morning Meet**
- **Workshops, CMEs**
- **Reflective learning**
- **E-learning**
- **OMP.**
- **Mini CEX/DOPS, OSCE**
- **Video Demonstration**
- **Webinars**
- **ITP**
- **PBL**

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

**By Marker Point analysis in Academic Appraisal Programme, Formative assessments & Ward Leaving test, and Feedback**

47. Highlight the participation of students and faculty in extension activities.

- **NSS**
- **Integrated health team**
- **CPR training**
- **First aid training**
- **Active participation in BLS & ACLS Courses**
- **Diagnostic Camps in Rural area**
- **Subspecialty (e.g. Arthritis camp) and multispecialty camp**

48. Give details of “beyond syllabus scholarly activities” of the department.
- **Training in Community Orthopaedic Care through their participation in camps and survey in rural health settings.**
  - **Training in Sub-specialty orthopaedics care by posting with experts, higher centers, Interdepartmental posting, & Workshops and CMEs.**
  - **Research Orientation and promotion of creative thinking through active participation in Conferences, Research orientation workshop, Publication and other IPR activities.**
  - **Higher academic pursuits through scholarly activities like Quiz, Competition**
  - **Training in ICT Intense in Orthopaedics care through Telemedicine, ERS and Hospital Information System.**
49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.
- **ISO accreditation – ISO9001-2008**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- **Department has five copyrights generating new knowledge in different areas of its working. It is keenly involved in developing and testing newer investigations, management techniques and teaching protocols.**
  - **It has developed newer modalities of treatment based on emerging areas such as regenerative medicine, minimal invasive surgeries, rationalized use of drugs particularly antibiotics, improvisation in delivery of drugs, adoption of newer technology & implants and developing effective rehabilitation protocols.**
  - **It is also involved in development of newer teaching and learning modalities like Innovative practice of Morning Meet, reflective learning.**



51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

<b>Strength</b>	<b>Weakness</b>	<b>Opportunity</b>	<b>Challenges</b>
Department offers wide range of orthopaedics training opportunities from certificates courses to PhD.	Research intensity and output, particularly in terms of citation, impact factors and extramural research grants is low.	To develop and run further new customized programme as per the societal needs.	To undertake research project in thrust area and develop higher level of evidences
Experienced and highly qualified faculty	Generation of academic materials such as books and monographs	To build subspecialty training and services	Publish a textbook of Orthopaedics authored by faculty
Good infrastructure and facilities	Collaborations with institutes of National and International orthopaedics repute.	To build a comprehensive state of art orthopaedic , Trauma, and rehabilitation centre	To have active MOUs with Centre of Orthopaedics excellence
Strong management and administrative support for academic ambience.		To develop learner centric opportunities which are more democratic and flexible in nature	

52. Future plans of the department.

1. New Programs which are based on feedback from key stakeholders like ER technician.
2. Strengthening of current programme towards learner centricity inclusive of elective and choice based options.
3. To develop the department into a Centre of Excellence offering comprehensive services in the area of Trauma, Orthopaedics Disorders and Rehabilitation.
4. Developing partnership and collaboration with National and International institutes in above said areas which are globally acclaimed seeking their mentorship, guidance and stewardship programme.
5. Research projects focused on emerging areas of medicine / research thrust areas such as regenerative medicine, Technological intervention and rehabilitative protocols with creditable study design and conduction, inviting research grants, higher citations , high impact publications and finances generations.
6. Generate Academic writings such as books and monographs by the faculty.

## Evaluative Report of the Department

1. Name of the Department : **ENT**
2. Year of establishment : 1990
3. Is the Department part of a college/Faculty of the university? : **Part of college**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

**UG: MBBS ; PG : MS -ENT; Fellowship in Otology; Ph.D.**

5. Interdisciplinary programs and departments involved : 1
6. Courses in collaboration with other universities, industries, foreign institutions, etc.

Courses	Collaborations with
<b>Fellowship in Otology</b>	<b>MAA Institute Hyderabad</b>

7. Details of programs discontinued, if any, with reasons: Plan to upgrade to degree program

D.L.O (Diploma In Laryngology & Otology)
--

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System - Annual / Semester /Choice based Credit system

UG.	PCT, Prelim , and Annual
P.G.	Annual (For Theory), Semester for Practical
Fellowship	Choice Based Credit System

9. Participation of the department in the courses offered by other departments  
**Dental-BDS / Nursing- B.Sc / Physiotherapy - B.PThec  
 Fellowship in Palliative Care- Department of Medicine**

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors /Asst. Professors/others)

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
Professor	01	01	<b>02</b>
Associate Professor / Reader	01	00	<b>00</b>
Assistant Professor	02	02	<b>02</b>
Lecture	00	00	<b>00</b>
Tutor/ Clinical Instructor	00	00	<b>00</b>
Senior Resident	01	01	<b>02</b>

11. Faculty profile with name, qualification, designation, area of specialization, experience and Research under guidance

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>No. of Years of Experience</b>
Dr. Shraddha Jain	M.S. ENT	Prof. & HOD	Otorhinolaryngology	<b>15.10</b>
Dr. P.T. Deshmukh	M.S. ENT	Professor	Otorhinolaryngology	<b>27.06</b>
Dr. BhavnaKamble	M.S. ENT	Asst. Professor	Otorhinolaryngology	<b>7.04</b>
Dr. SagarGaurkar	M.S. ENT	Asst. Professor	Otorhinolaryngology	<b>6.02</b>
Dr. Aditya Tiwari	M.S. ENT	Senior Resident	Otorhinolaryngology	<b>3.10</b>
Dr. Amit Thote	M.S. ENT	Senior Resident	Otorhinolaryngology	<b>3.01</b>

12. List of Senior Visiting Fellows, Adjunct Faculty, Emeritus Professors

<b>Name of the Faculty</b>	<b>Type Visiting Fellows, Adjunct Faculty, Emeritus Professors</b>
Dr. KshitijPatil,	Consultant & Rhinoplasty, ENT Surgeon, Amravati
Dr. Vijay Verma	Consultant, Allergologist, New Delhi
Dr. Abhishek Vaidya	Consultant, Head & Neck Oncosurgeon, Nagpur
Dr. Arjit Audhya	Consultant, Allergologist, Dubai

Padmashree Dr. Milind Kirtane	Cochlear Implant Surgeon, Mumbai
Dr. Gauri Kapre Vaidya	Consultant Otologist, Trained Faculty for cochlear Implant, Nagpur

13. Percentage of classes taken by Temporary Faculty – program-wise information

**Nil**

14. Program-wise Student Teacher Ratio :

**UG : 33:01**  
**PG : 1:1**  
**Fellowships : 2:1**  
**Ph.D. : 5:1**

15. Number of academic support staff (technical) and Administrative Staff: Sanctioned, Filled and Actual:

<b>Designation</b>	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual</b>
<b>Technical Staff</b>	<b>03</b>	<b>03</b>	<b>03</b>
<b>Administrative staff (Clerk, Steno, Storekeeper, Attendant</b>	<b>04</b>	<b>04</b>	<b>04</b>

16. Research thrust areas as recognized by major funding agencies

**1. Neuro-Otology**

**2. Neurotropins**

**3. Allergy,**

**4. Neonatal Hearing Screening**

**5. Tinnitus**

**6. Geriatric Otolaryngology**

17. Number of faculty with ongoing projects from a) National b) International Funding Agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

U. G. Students Project

<b>Name of Agency</b>	<b>Project Title</b>	<b>Grant received</b>
ICMR STS-2015	Clinico- Audiological study of chronic otitis Media with special reference to its awareness in rural population of Vidarbha region of central India	10000/-
ICMR STS-2016	Pure Tone Audiometry analysis in medical students exposed to ear phone music : A Comprehensive study to detect high frequency hearing loss	15000/-

18. Inter-institutional collaborative projects and associated grants received  
a) National collaboration b) International collaboration–  
**Nil**
18. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. –  
**Nil**
20. Research Facility/Centre with
- State Recognition : --
  - National Recognition : --
  - International Recognition : Nil
21. Special Research Laboratories sponsored by / created by industry or corporate bodies  
**Temporal Bone Lab.**
22. Publications :
- Number of papers published in peer reviewed journals (national / international) : **38**
  - Monographs : **Nil**
  - Chapters in Books : **Nil**
  - Books edited : **01 Otology an Overview**
  - Books with ISBN with details of publishers : **978-93-5152-080-1**
  - Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, Medline, etc.) : **25**
  - Citation Index – Range / Average : 10.8
  - SNIP : 0.74
  - SJR : 0.55
  - Impact Factor – Range / Average : 1.47
  - H-Index : 6

23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated : Nil

25. Faculty selected nationally / internationally to visit other Laboratories / Institutions / Industries in India and abroad - Nil

26. Faculty serving in

a) National Committees

b) International Committees

c) Editorial Boards

d) Any Other (Specify)

Name of Faculty	Serving Agency/ Board/ Committee
Dr. Shraddha Jain	Reviewer in Indian Jr.of Otology, BMJ case reports,Journal of Neuro sciences in Rural Practice
Dr. P.T. Deshmukh	Peer Reviewer of Indian Jr.of Otolaryngology and Head neck

27. Faculty recharging strategies (Refresher / Orientation Programs, Workshops, Training Programs and similar programs).

- **Medical Education Training**
- **Subspeciality training in National & International Institute of Prominence under eminent faculty.**
- **Active participation in various conferences, workshops, CMEs.**
- **To facilitate faculty for various fellowship programs, and PhD.**
- **By conducting regular conference, workshop, CMEs, webinars and group discussions.**
- **ACLS & BLS Programmes.**

28. Student Projects

- Percentage of students who have taken up In-House Projects including Inter-Departmental Projects

Course wise Students	Percentage
UG	0.5%
MD/MS	100%
Ph. D	100%

- Percentage of students doing projects in collaboration with other Universities/Industry/Institute :  
**Nil**

29. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / Post-Doctoral Fellows Students

	Names	Awards / Recognitions
Faculty Doctoral / Post Doctoral Fellows Students	Dr. Shraddha Jain	Best Poster Award -2014 in Advanced course on Medical Education Technology <b>Univeristy Level</b>
		Guest Speaker at FHNO South west Zone Regional Workshop-2016 <b>National</b>
		FHNO South West Zone Regional Workshop on Head & Neck Cadaver Dissection & Oral Cancer CME 2016. Organizing Chairman <b>National</b>
		Chairperson in “CME on Pain Management in Palliative Care” DEC.2016
		<b>International</b> Conference Transforming Lives & Health care Through Technology (TLHTICON -2017 <b>First Prize in Best Paper Award in International Conference</b>
		Oraganizing Chairman, First <b>National</b> Conclave on Allergy February 2017
		First <b>National</b> Conclave on Allergy February 2017 Guest Speaker :- Allergy Burden & Mechanism
		First <b>National</b> Conclave on Allergy February 2017, Guest Speaker : Current Management Trends in Allergic Rhinitis
	Judge for Paper Presentation :- <b>International</b> Medicon 2017	
Dr. Prasad T.	Organizing Chairman CME on Overview on Vertigo <b>Vidarbha Region</b>	

	Deshmukh	Book – Otology an Overview - Published By Jaypee Brothers-2014
		First Sensitization Workshop on Cochlear Implant-2014 Organizing Chairman <b>Vidarbha Region</b>
		Organizing Secretary, First <b>National</b> Conclave on Allergy February 2017
	Dr. Bhavna Kamble	Fellowship in Otology
	Dr. Sagar Gaurkar	<b>1st Prize in Temporal Bone Dissection Competition – VENTCON-NOV.2016 Vidarbha Region</b>
Students	Dr. Sagar Gaurkar	2 <sup>nd</sup> Prize Temporal Bone Dissection competition VENTYCON 2013 <b>Vidarbha Region</b>
	Dr. Sharon Jose	Fourth Prize Best P.G. Paper Mentcon -2014 <b>State Level</b>
	Dr. Disha Methwani	<b>First Prize Poster Presentation Quantum 2015 National Level</b>
		Dr. Sandeep Shrivastava's Gold Medal for Best Research Paper PGR TOP III National Conclave On Post Graduate Research-Trauma, Orthopedics & Physical Medicine (PGR TOP III) July -2016
	Dr. Pragya Singh	First Prize Dr. M.M. Patil Neelaja Best P.G. Paper Competition Ventycon -2015 <b>Vidarbha Region</b>
		First Prize in Paper Presentation Dr. S.R. Joharapurkar P.G. Orientation Programme July 2016 <b>University Level</b>
	Dr. Sanika Kalambe	4TH National Conference of Pediatrics Association of India PAICON-2016 JNMC, Sawangi (Meghe) <b>3rd Prize Paper Presenting DEC.2016 National Level</b>

30. Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.

Seminars/Conferences/ Workshops	Funding National/International	Outstanding Participant
CME on Overview on Vertigo On 13.04.2013	Intramural Funding	Dr. Avinash Deshmukh, ENT Surgeon Nagpur Dr. Sunil Kumar, Professor, Medicine, JNMC Dr. Prema Khatri, X-Principals RNPC, Sawangi
1 <sup>st</sup> Sensitization Workshop on Cochlear Implant on 08.06.2014	Intramural Funding	Mr. Prashant Naik, Consultant Nagpur Dr. Milind Kirtane, Mr. S. Kumar Mumbai
Workshop on Aesthetic & Functional Rhinoplasty on	Intramural Funding	Dr. Vikas Kulkarni, ENT Surgeon Islamapur Dr. Kshitij Patil, Consultant & Rhinoplasty, ENT



08.02.2015		Surgeon, Amaravati
Head and Neck CME & Cadaver Dissection Workshop 2016'' 5 <sup>th</sup> & 6 <sup>th</sup> March 2016	Intramural Funding & Vidarbha AOI & FHNO	Dr. Deepa Nair, Head & Neck Oncosurgeon TMH Mumbai Dr. Rakesh Katna, Head & Neck Oncosurgeon Bombay Hospital Mumbai Dr. Mandar Deshpande, Head & Neck Oncosurgeon Kokilaben Ambani Hospital Mumbai Dr. Neeti Kapre, Nagpur Dr. Abhishek Vaidya, Oncologist Nagpur Dr. Sourav Datta, Head & Neck surgeon, Narayan Hrudayalay Kolkatta <b>Other eminent speakers from TMH Mumbai</b> Dr. Kumar Prabhaskar, Professor Head & Neck Surgeon TMH, Mumbai Dr. Gouri Pantvaidya, Associate Professor Head & Neck Surgeon TMH, Mumbai Dr. Uma Dangi, Oncologist, Wockhardt Hospital, Mumbai Dr. S. L. Juvekar, Eminent Radiologist, TMH Mumbai
1 <sup>st</sup> National Conclave on Allergy, on the 25 <sup>th</sup> & 26 <sup>th</sup> of February 2017.	Intramural Funding	Dr. Pendakur Anand, Allergologist Bangalore Dr. Vijay Verma, New Delhi Dr. D. M. Tripathi, Senior Allergologist, Mumbai Dr. Amol Samarth, Gastroenterologist, Nagpur Dr. Sukhant Bagdia, Pulmonologist, Nagpur

31. Code of ethics for research followed by the departments **Yes**,

**All research Projects are undertaken as per the guidelines of Institutional ethical Committee, Animal ethical committee, scientific scrutiny committee after due approvals.**

32. Student profile program-wise :

Name of the Program (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	As Per NEET	87	113	89%	97.35%
PG	As Per NEET	1	1	--	--

33. Diversity of students

Name of the Program ( Refer to Question no.4)	% of students from the Same University	% of students from the Universities with in the state	% of students from Universities Outside the State	% of students from other countries
UG	100	32.25	52.75	15
M.S.	17	67	0	17
Ph.D.	0	01	01	0
Fellowship	01	01	0	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. - **Nil**

35. Student progression

Student Progression	Percentage Against Enrolled
UG to PG	<b>53%</b>
PG to M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>3%</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed Campus selection	<b>24%</b>
Other than campus recruitment	<b>7%</b>
Entrepreneurs	<b>12%</b>

36. Diversity of staff

Percentage of faculty who are graduates	<b>01</b>
from other universities within the State	<b>05</b>
from universities from other States	<b>0</b>
from universities outside the country	<b>0</b>

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period :- **01 M.Phil.**

38. Present details of departmental infrastructural facilities with regard to

- a) Library : **Departmental Library.(108)**
- b) Internet facilities for staff and students : **wi-fi&Internet.**
- c) Total number of class rooms : **02 Seminar 01 Demo Room**
- d) Class rooms with ICT facility and 'smart' class rooms **Available**
- e) Students' laboratories: Virtual : **Cadaver simulator /Skill lab**
- f) Research laboratories : **Temporal Bone Dissection lab//Central Electrophysiology Lab and Central Research Lab.**

39. List of doctoral, Post-Doctoral and Research Associates

- a) from the host institution/university
- b) from other institutions/universities

	Doctoral Students	Post doctoral	Research Associates
from the host institution/university	1. Dr. Shraddha Jain 2. Dr. BhavnaKamble	Nil	Nil
from other institutions/universities	Nil	Nil	Nil

c)

40. Number of post graduate students getting financial assistance from the university.  
Research Grants list-

**Nil**

41. Was any need assessment exercise undertaken before the development of new program(s) ?  
If so, highlight the methodology.

Yes need Assessment exercise is undertaken before the development of new Program using the Pathak Vagha Mishra algorithm of Need analysis for modifying/ introducing program in health professionals education. It is an algorithm copy righted by copyright office govt. of India and is based on context analysis, user analysis and work analysis

42. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback ?:  
**Yes, The Feedback from faculties are utilized for development, designing and updation of curriculum and syllabus.**
  - students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback ? :  
**Yes, The Feedback from students are utilized for improvement of performance of the staff and updation of curriculum.**
  - alumni and employers on the programs offered and how does the department utilize the feedback ? :  
**Yes, The Feedback from them are utilized for identification of needs for development, designing and updation of curriculum and syllabus.**

43. List the distinguished alumni of the department (maximum 10)

Name of the distinguished Alumni	Presently Working as
Dr. RashmiPatil	Working in Dubai
Dr. KshitijPatil	(International fellowship from Germany on Rhinoplasty, won various oration award Working in Amaravati Maharashtra
Dr. BlendaD'souza	in UAE.

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts. : **CME / Guest lectures /seminars**

Event	External Expert
Value Education Classes/ U.G. Orientation Programmes/ P.G. Orientation Programme	
U.G. Guest Lecture on Allergic Rhinitis 2017	Dr. Vikram Khanna Consultant ENT Surgeon, Mumbai
Special Lecture : Robotic Thyroid Surgery by 2017	Dr. Krishna Kumar, Consultant Head & Neck Onco Surgeon, Amrita Institute Kerala.
<b>CME on Overview on Vertigo On 13.04.2013</b> <ul style="list-style-type: none"> <li>Otogenic Vertigo Lecture delivered by</li> <li>Central Vertigo Lecture delivered by</li> <li>Rehabilitation of Vertigo</li> </ul>	Dr. Avinash Deshmukh, ENT Surgeon Nagpur Dr. Sunil Kumar, Professor, Medicine, JNMC Dr. Prema Khatri, Ex-Principal RNPC, Sawangi
<b>1st Sensitization Workshop on Cochlear Implant on 08.06.2014</b> <ul style="list-style-type: none"> <li>An Overview on Cochlear Implant</li> <li>Presentaion on the Anatomy of the Cochlea</li> <li>Assesment of Deaf Child</li> <li>Presentaion on Cochlear Implant</li> </ul>	Padmashree Dr. Milind Kirtane, Cochlear Implant Surgeon Mumbai Dr. Prashant Naik, Consultant Nagpur Mr. Aninda Banaik, MASLP,SLR, Mumbai Mr. S. Kumar, Mumbai

<p><b>Workshop on Aesthetic &amp; Functional Rhinoplasty on 08.02.2015</b></p> <ul style="list-style-type: none"> <li>• Presentation on Lengthening of short Nose and Crooked Nose</li> <li>• Anatomy of Nose-in relation to rhinoplasty</li> </ul>	<p>Dr. Kshitij Patil, Consultant &amp; Rhinoplasty, ENT Surgeon, Amravati Dr. Vikas Kulkarni, ENT Surgeon Islamapur</p>
<p><b>Workshop on Hands on Training in Head &amp; Neck Cadaveric Dissection Team of Head &amp; Neck Onco surgeon from Tata Memorial Hospital Mumbai in collaboration with FHNO on 5<sup>th</sup>&amp; 6<sup>th</sup> March 2016</b></p> <ul style="list-style-type: none"> <li>• Cadaver Dissection module on neck dissection</li> <li>• Thyroidectomy was demonstrated by</li> <li>• Laryngectomy was demonstrated by</li> <li>• Anatomy of Thyroid &amp; thyroidectomy</li> <li>• Anatomy of Larynx &amp; Laryngectomy Lecture and</li> <li>• Cadavar Dissection module on Mandibulectomy &amp; Maxillectomy Lectures and Video on all aspects of Oral cancer evaluation surgical &amp; adjuvant management</li> </ul> <p>Masterclass on Imaging in Head &amp; Neck cancer</p> <p>Panel Discussion</p>	<p>Dr. Deepa Nair, Head &amp; Neck Oncosurgeon TMH Mumbai</p> <p>Dr. Rakesh Katna, Head &amp; Neck Oncosurgeon Bombay Hospital Mumbai</p> <p>Dr. Mandar Deshpande, Head &amp; Neck Oncosurgeon Kokilaben Ambani Hospital Mumbai</p> <p>Dr. Neeti Kapre, Nagpur Dr. Abhishek Vaidya, Oncologist Nagpur</p> <p><b>Other eminent speakers from TMH Mumbai</b> Dr. Kumar Prabhash , Professor Head &amp; Neck Surgeon TMH, Mumbai Dr. Gouri Pantvaidya, Associate Professor Head &amp; Neck Surgeon TMH, Mumbai Dr. Sourav Datta, Head &amp; Neck surgeon , Narayan Hrudayalay Kolkatta Dr. Uma Dangi, Oncologist, Wockhardt Hospital, Mumbai Dr. S. L. Juvekar, Eminent Radiologist, TMH Mumbai Dr. Shriram Kane, Eminent &amp; Other speaker Dr. Prashant Dhoke</p>
<p><b>Workshop on Hands – On training in Allergy &amp; Skin Prick testing</b> <b>On 25<sup>th</sup>&amp; 26<sup>th</sup> February 2017</b></p> <ul style="list-style-type: none"> <li>• Allergy- Aetiology &amp; Diagnosis</li> <li>• Clinical Diagnosis of Allergic Rhinitis ( History Taking &amp; Co-mobidites)</li> <li>• Manufacturing of Allergens &amp; Cross sensitivity</li> <li>• Food Allergy</li> <li>• Bronchial Asthma</li> </ul>	<p>Dr. Pendakur Anand, Allergologist Bangalore</p> <p>Dr. Vijay Verma, New Delhi</p> <p>Dr. D. M. Tripathi, Senior Allergologist, Mumbai Dr. Amol Samarth, Gastroenterologist, Nagpur Dr. Sukhant Bagdia, Pulmonologist, Nagpur</p>

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

**ITP, PBL , OSCE /OMP/ Mini CEX ,Simulations, virtual learnings etc**

<b>Lecture 2. PBL 3. ITP 4.Seminar 5. Clinics Tutorial 6. Demonstration 7. OMP 8. TOSBA 9. One Minute Preceptorship 10. Clinical Demonstration</b>
--

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored ?

**AcAP ; Student Feedbacks and Formative assessments.**

<b>1. Remedial Teaching 2. Quiz, 3.Formative assessment for PGs (TOSBA, Mini CEX, OSCE, OSPE, DOPS) 4. Preceptorship Meeting 5. Grievance Committee</b>
---

47. Highlight the participation of students and faculty in extension activities.

<b>Participation of Students :- 1. Value Education 2.Skill lab 3. Quiz All Faculties and Students of Department are actively involved in Mini camp, Multi Diagnostic camp, Mega Diagnostic camp, Camp Organized by NGO's School Health Check up organized by SarvaShikshaAbhiyan, World Deaf Day, World Voice Day, Awareness camps on hearing loss in engineering college, Special school education</b>
---

48. Give details of “beyond syllabus scholarly activities” of the department.

Allergy workshop
Cadaver dissection workshop
Participation & paper presentation in conferences by students & staff
Intra-operative nerve monitoring demonstration
Reviewers in journals
Projects & publications
Fellowship programme, Temporal Bone Dissection competition participation
Doctoral programme
Quiz

49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details.

**ISO900-2008**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

1. **Application of TOSBA in P.G. Teaching.**
2. **Application of Eustachian videoendoscopy in otitis media and correlation with pneumatization pattern**
3. **Intra-operative nerve monitoring in Otology,**
4. **Novel in following Areas Branchial cleft anomalies, Heterotopic salivary fistula, Giant cell tumor, Deep neck infections.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

The SWOC is transcribed based on the identification of departmental strengths and opportunities thereof .Weaknessess are inherent which can be overcome and challenges are delineated external factors which have little probability of alteration.

The faculty of the department has developed expertise, with relevant additional qualifications in diverse fields as stated below:

- Curricular aspects,
- Research and Extention activities
- Administration and infrastructure

	<b>Strength</b>	<b>Weakness</b>	<b>Opportunity</b>	<b>Challenges</b>
<b>Curricular aspects:</b>	<b>Temporal Bone Dissection for PGs</b>  <b>2.50% staff Trained in Advanced Teachers Training course.</b>			<b>. Time and participation of stake holders</b> <b>Difficulty in implementation of competence based curriculum due to time constraint</b>
.Research and Extension activities	<b>Ph.D. and Fellowship Programme</b>	<b>Research Management</b>  <b>Acquiring copyrights and patents</b>	<b>Research Grant from External Sources</b> <b>Faculty development programme by training from certified centres.</b> <b>3. Acquiring copyrights and patent</b>	<b>Procurement of Major Funded Research Projects for private institutes</b>
4. Administrative & Infrastructure	<b>Collaboration work with Maxillofacial surgeon, Plastic surgeon, paediatric surgeon, oncosurgeon, neurosurgeon, Intervational radiologist</b>	<b>. Cochlear Implant programme funding agency</b>	<b>Centre for training courses in temporal bone, rhinology, laryngology,</b>  <b>With rural population attending the hospital, implementation of National deafness programme</b>	



52. Future plans of the department.

2017-18	2018-2019	2019-2020	2020-2021	2021-2022
Allergy Clinic	Acquiring copyrights and patents, books and monographs,	Cochlear implant programme – funding agencies, infrastructure development	Upgradation of Temporal Bone Lab	Development of Sleep Apnoea surgical facilities
Upgradation of voice clinic facilities	Research grants for field research, Inter-institutional research, Translational research in Thrust areas -Tinnitus, Sensorineural deafness	Implementation of national deafness programme by obtaining financial and manpower support from government,	Starting of Fellowship in rhinology,	Centre for training courses in temporal bone
Advanced FESS facilities ; - improvement in infrastructure and training	Starting of BASLP Course	Community leadership programmes in hearing loss,		Development of LASERS, Sialo endoscopy
	Upgradation of Vertigo clinic facilities			

## Evaluative Report of the Department

1. Name of the Department : **Ophthalmology**
2. Year of establishment : **1990**
3. Is the Department part of a college/Faculty of the university? **Part of college**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.) :

**UG: MBBS, PG: MD/MS, PG Diploma, Ph.D. Fellowship in phacoemulcification**

5. Interdisciplinary programs and departments involved: **1**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: **1**
7. Details of programs discontinued, if any, with reasons: **NIL**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:

**UG : Semester**

**PG : Annual**

**Fellowship : CBCS**

Participation of the department in the courses offered by other departments: **NIL**

9. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	04
Associate Professor/Reader	04	03	03
Assistant Professor	02	02	02
Senior Resident	02	02	05

10. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of	Students under research guidance
				Experience	
Dr. Sachin Daigavane	M.S. Ophtha.	Prof. & Head	Phaco	13.07 Yrs	3 PG, 4 project, 1 ICMR
Dr. Pradeep Sune	M.S. Ophtha.	Professor	General ophthalmology	28.04 Yrs	3 PG
Dr. Mala A. Kamble	M.S. Ophtha.	Professor	Retina	42.11 Yrs	1 PG
Dr. Praveena Kher	M.S. Ophtha.	Professor	Low vision aid & contact lens	16.11 Yrs	--
Dr. Shashank Banait	M.S. Ophtha.	Asso. Professor	Retina	18.03 Yrs	3 PG, 1 ICMR
Dr. Sohan Lohiya	M.S. Ophtha.	Asso. Professor	Retina	13.04 Yrs	2 PG, 1 project
Dr. Pravin Tidake	M.S. Ophtha.	Asso. Professor	General ophthalmology	14.11 Yrs	2 PG, 1 project, 1 ICMR
Dr. Mona Sune	M.S. Ophtha.	Asst. Professor	General ophthalmology	08.06 Yrs	1 project
Dr. Archana Thool	DOMS & DNB (Ophtha.)	Asst. Professor	General ophthalmology		--

Dr. Shubhangi Nagpure	DOMS (Ophtha.)	Senior Resident	General ophthalmology	25.04 Yrs	--
Dr. Pradnya Gadre	M.S. Ophtha.	Senior Resident	General ophthalmology		--
Dr. Chetan Saoji	M.S. Ophtha.	Senior Resident	General ophthalmology	04.08 Yrs	--
Dr. Siddharth Gautam	M.S. Ophthal.	Sr. Resident	General Ophthalmology	01 Month	
Dr. Aditi Gadegone	DOMS (Ophtha.)	Senior Resident	PHACO	04.11 Yrs	

11. List of senior Visiting Fellows, adjunct faculty, emeritus professors: **Adjunct faculty: Dr. Rashmin Gandhi, Professor of Ophthalmology, Hyderabad.**
12. Percentage of classes taken by temporary faculty – program-wise information **NIL.**
13. Program-wise Student Teacher Ratio:

<b>UG</b>	<b>22.22:1</b>
<b>PG</b>	<b>1:1.4</b>
<b>Fellowship</b>	<b>1:2</b>
<b>PhD</b>	<b>1:2</b>

14. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

<b>Sr.No.</b>	<b>Designation</b>	<b>Sanction</b>	<b>Filled</b>	<b>Actual</b>
1	Technical Staff (Tech, Refractionist)	2	2	3

2	Administrative staff (Clerk, Steno, Storekeeper, Attendant,)	4	4	5
---	--	---	---	---

15. Research thrust areas as recognized by major funding agencies: **ICMR**

16. Number of faculty with ongoing projects from a) national b) international funding agencies and a) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:

Name of agency	Project title	Grant received
Maharashtra Govt.	DBCS	RS 1671150/-
National	ICMR	RS 30000 /-

17. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration : **Nil**

18. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : **03 Candidate (Rs.30000/-)**

19. Research facility / centre with

✓ state recognition:

✓ national recognition

✓ international recognition

Research Facility/Centre	Recognition
Organ Transplant	<b>Eye Bank (Government of Maharashtra)</b>

20. Special research laboratories sponsored by / created by industry or corporate bodies: **NIL**.

22. Publications: 34 (2013-2017) National – 24 (69.6%) & International – 10 (30.3%)
- \* Number of papers published in peer reviewed journals (national /international)
  - \* Monographs :**Nil**
  - \* Chapters in Books:**Nil**
  - \* Books edited :**Nil**
  - \* Books with ISBN with details of publishers:**Nil**
  - \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.):
    - Scopus: 03**
    - WOS : -**
    - ICI: 0**
    - GS: 4**
  - \* Citation Index : 7.9
  - \* SNIP : **0.933**
  - \* SJR : **0.31**
  - \* Impact Factor : **0.25**
  - \* h-index: : 3
23. Details of patents and income generated :**Nil**
24. Areas of consultancy and income generated :**NIL**
25. Facultyselectednationally/internationallytovisitotherlaboratories/institutions/industriesin India and abroad :**Nil**
26. Faculty servingin
- a) National committees:**NIL**
  - b) International committees:**NIL**
  - c) Editorial Boards:**NIL**
  - d) any other (specify) : **VOS : 8 , MOS : 8 , AIOS : 6 , DOS: 1,BOS:1**
27. Facultyrechargingstrategies(Refresher/orientationprograms,workshops,trainingprograms and similar programs). : Medical education Program, National & International conference, CME organization andWebinar

**28. Student projects**

Percentage of students who have taken up in-house projects including inter-departmental projects: Short term project:

<b>COURSE WISE STUDENTS</b>	<b>PERCENTAGE</b>
<b>UG</b>	<b>3 candidate for ICMR</b>
<b>PG (MS/DIPLOMA)</b>	<b>100%</b>
<b>PhD</b>	<b>100%</b>
<b>IN HOUSE PROJECTS</b>	<b>57.14%</b>
<b>INTER DEPARTMENTAL PROJECTS</b>	<b>14.28%</b>

Percentage of students doing projects in collaboration with other universities/industry/institute:  
**Nil**

Percentage of students doing projects in collaboration with other universities/industry/institute:  
**Nil**

**29. Awards / recognitions received at the national and international level by**

Faculty	<b>01</b>
Doctoral / postdoctoral fellows	<b>:Nil</b>
Students	<b>08</b>

**30. Seminars/Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any:**

<b>Sr. No.</b>	<b>Name of Faculty/Students</b>	<b>Name of Award</b>	<b>Award Type</b>
1	Dr. Piyush Madan	Best poster presentation, 1 <sup>st</sup> VOSCON 2016	Regional
2	Dr. Neha Chandak	Best poster presentation, 1 <sup>st</sup> VOS 2015	Regional

3	Dr. Neha Chandak	Best poster presentation, 1 <sup>st</sup> Prodigy 2016	Regional
4	Dr. Pavitra Patel	Best poster presentation, 3 <sup>rd</sup> Prodigy 2016	Regional
5	Dr. Somya Dulani	Drishticon Young Achievers Award 2013	State
6	Dr. Rakesh Juneja	Award for Best case presentation Optic Nerve Disorders at Center for sight 2013 <b>Ad for Ne</b>	National
7	Dr. Rakesh Juneja	Award for Best case presentation Ocular Motility Disorder at Center for sight 2013	National
8	Dr. Rakesh Juneja	Award for Best case presentation Retina at Center for sight 2013	National
9	Dr. Rakesh Juneja	<sup>st</sup> 1 Prize in Quiz Competition Late "Nilima Pawade Award 2013	Regional

31. Code of ethics for research followed by the departments: **yes, all research projects are undertaken as per the guidelines of institutional ethics committee, scientific scrutiny committee for clinical trial, after due approval.**
32. Student profile program-wise :As per Annexure

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	As Per NEET	87	113	89%	97.35%
PG	As Per NEET	1	3	--	--
DO	As Per NEET	0	1	--	--

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG	100	32.25	52.75	15
PG	50	17	33	00
DO	50	50	00	00



**34.** How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.:

**117 Students.**

**35.** Student progression : As per Annexure

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	<b>53%</b>
PG to M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>3%</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campus selection	<b>24%</b>
• Other than campus recruitment	<b>7%</b>
Entrepreneurs	<b>12%</b>

**36.** Diversity of staff

<b>Percentage of faculty who are graduates</b>	
of the same university	30.7%
from other universities within the State	61.5%
from universities from other States	7.69%
from universities outside the country	0

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period:**Nil**

38. Present details of departmental infrastructural facilities with regard to

- a. Library :**Available 129Books**
- b. Internet facilities for staff and students :**Available**
- c. Total number of classrooms **04**
- d. Class rooms with ICT facility and 'smart' class rooms :**Available**
- e. Students' laboratories :**Wet-Lab**
- f. Research laboratories : **Eye Bank/Central Lab**

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university :**Nil**
- b) from other institutions/universities :**Nil**

40. Number of post graduate students getting financial assistance from the university.**Nil**

41. Was any need assessment exercise undertaken before the development of new program(s) ? If so, highlight the methodology. :

**Yes, need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying/Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis, user analysis and work analysis.**

42. Does the department obtain feedback from

- 1. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback ? :**Yes**

**Yes, The Feedback from faculties are utilized for development, designing and updation of curriculum and syllabus.**

- 2. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback ? :**Yes**

**Yes, The Feedback from students are utilized for improvement of performance of the staff and updation of curriculum.**

- 3. Alumni and employers on the programs offered and how does the department utilize the feedback ? :**Yes**

**Yes, The Feedback from them are utilized for identification of needs for development, designing and updation of curriculum and syllabus.**

43. List the distinguished alumni of the department (maximum 10)

Name of distinguished faculty	presently working as:
Dr. Sachin Daigavne	HOD Ophthalmology, JNMC
Dr. Pravin Tidake	Asso. Professor Ophthalmology JNMC
Dr. Mona Sune	Asst. Professor Ophthalmology JNMC

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.:

Special lectures –

External Expert	Activity
Dr. A. Madan	Guest Lecture
Dr. G. Deshpande	Guest Lecture
Dr. S. Bavankule	Workshops
Dr. Fusate Madam	Guest Lecture
Dr. Singh	Guest Lecture

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.:

U.G.	PBL, ITP & Seminar , OSCE , TUTORIAL
P.G.	OSCE , CPC , SRS , CME

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?: **academic appraisal program: students feedback and formative assessment**

47. Highlight the participation of students and faculty in extension activities.: **CME & Camp, NSS, Integrated health team.: Glaucoma Week 6-12 March, National Eye donation fortnight 25 Aug. 8 Sept., Retina day 24 Sept., World Diabetic Day 14 Nov. etc.**

48. Give details of “beyond syllabus scholarly activities” of the department. : **Students exchange/ conference/ Quiz / village and community experience / telemedicine/IPR.**

49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details. : **ISO/ Eye Bank (Government of Maharashtra)**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.: **New practices based on research finding / copyrights/ ICT based/ clinical applications/ innovations**

ICT based modality for diabetic retinopathy registry in collaboration with VIT, Chennai.

**51.** Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.:

<b>Strength</b>	<b>Weakness</b>	<b>Opportunities</b>	<b>Challenges</b>
<b>Fellowship Program</b>	<b>Funded Project</b>	<b>Collaboration for funded/ research project</b>	<b>Establishment of clinical trialcentre</b>
<b>PhD Program</b>		<b>Student and Junior Faculty exchange program</b>	<b>To establishment of peadriatic ophthalmology clinic</b>
<b>Highly Train faculty</b>	<b>Sub-center establishment</b>	<b>Higher end Equipment</b>	<b>Improve higher end clinical facility</b>
<b>Good Infrastructure and Research Material</b>			
<b>Sub-Specialty clinic</b>			

**52.** Future plans of the department.-

- Mobile Eye Unit with Higher end facility**
- Fellowship for retina and oculoplasty,**
- Modular operation theatre,**
- Retinopathy of prematurity clinic establishment,**
- Refractive surgeries with LASIK**
- Celebration of national and international ophthalmology days**
- Collaboration with NGO**
- 106 NAAC for Quality and Excellence in Higher Education.**

# Evaluative Report of the Department

1. Name of the Department : **Department of Anaesthesiology**
2. Year of establishment : **1990**
3. Is the Department part of a college /Faculty of the university? : **Part of College**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship,etc.)
  - **MBBS,**
  - **Post Graduate Diploma & MD Anaesthesiology**
  - **Fellowship in Pain Management**
  - **Fellowship in Critical Care**
  - **Ph.D.**
5. Interdisciplinary programs and departments involved– 2
6. Courses in collaboration with other universities, industries, foreign institutions, etc.- 2
7. Details of programs discontinued, if any, with reasons  
**No program in the department have been discontinued**
8. Examination System: **Annual/Semester/Trimester/Choice Based Credit System**
  - **PG :Annual**
  - **UG : Semester**
  - **Fellowships : Choice Based Credit System**
9. Participation of the department in the courses offered by other departments  
**Yes,**
  - **Integrated Teaching program – Dental-BDS, MDS Fellowship in Cleft surgery**
  - **Fellowship in Laproscopic Surgery, in department of General Surgery, Fellowship in Gynecological Laproscopic Surgery**
  - **Fellowship in infertility Fellowship in Arthroscopic Surgery**
  - **Fellowship in Spine surgery**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
Professor	01	07	07
Associate Professor/Reader	08	06	0

Assistant Professor	05	05	0
Senior Resident	05	07	03

11. Faculty profile with name, qualification, designation, area of specialization, experience and research underguidance

Name	Qualification	Designation	Specialization	Experience
Dr. . N. K. Agrawal	MBBS, MD	Professor	Anaesthesia	22
Dr. A. Chandak	MBBS, MD	Professor	Anaesthesia (Critical Care)	26.2
Dr. S. Ninave	MBBS, MD	Professor	Anaesthesia (Critical Care)	17.6
Dr A. R. Chaudhari	MBBS, MD	Professor	Anaesthesia	16.2
Dr. J. Sen	MBBS, MD	Professor	Anaesthesia	16
Dr. P. S. Indurkar	MBBS, MD	Professor	Anaesthesia	30
Dr. Vivek Chakole	MBBS, MD	Professor	Anaesthesia & Pain	9.11
Dr. V. C. Chandak	MBBS, MD	Asso. Professor	Anaesthesia	11.5
Dr. Anjali Modak	MBBS, MD	Asso. Professor	Anaesthesia	09.7
Dr. Amol Singam	MBBS, MD	Asso. Professor	Anaesthesia	06.9
Dr. Karuna Taksande	MBBS, MD	Asso. Professor	Anaesthesia	08.7
Dr. V. Belekar	MBBS, MD	Asso. Professor	Anaesthesia (Critical Care)	06.3
Dr. Vinay Dhakate	MBBS, MD	Asso. Professor	Anaesthesia	09.3
Dr. Pushpa Kamble	MBBS, MD	Asst. Professor	Anaesthesia	03 Yr
Dr. Neeta Verma	MBBS, MD	Asst. Professor	Anaesthesia (Pain	9.7
Dr. Apurv Mahalle	MBBS, MD	Asst. Professor	Anaesthesia (Pain	05.11
Dr. Ashwini Gharote	MBBS, MD	Asst. Professor	Anaesthesia	03.9
Dr. Sheetal Madavi	MBBS, MD	Asst. Professor	Anaesthesia	01.9
Dr. A. Nandanwar	MBBS, MD	S.R.	Anaesthesia	11 Month
Dr. Akhil Hulke	MBBS, DA	S.R.	Anaesthesia	11 Months
Dr. Nikhil Bhalerao	MBBS, MD	S.R.	Anaesthesia	08 Months
Dr. Dinesh Lalwani	MBBS, MD	S.R.	Anaesthesia	3 months

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

Name of the Faculty	Type Visiting Fellows, adjunct faculty, emeritus professors
Dr. A. Ghosh	Emeritus Professor
Dr. G. Das, MD FIPP	Director Daradia Pain Clinic, Kolkatta Adjunct Faculty for Pain

13. Percentage of classes taken by temporary faculty – program-wise information

**Nil**

14. Program-wise Student Teacher Ratio-

Courses	Ratio
UG	7:1
PG	1:1
Ph.D	5:1

15. Number of academic support staff (technical) and administrative staff: **02**  
(**One clerk & One attendant**) sanctioned, filled and actual

Academic Support Staff	Sanctioned	Filled	Actual
Technical Staff	08	08	08
Administrative Staff	03	03	<b>04</b>

16. Research thrust areas as recognized by major funding agencies–

- **Regional Anaesthesiology**
- **Neuro Anaesthesia and Intensive Care Unit Post Operative Pain Mangement**
- **Cancer Pain Management Anaesthesia for Laproscopic Surgery**
- **Anaesthesia for infertility (IVF) procedure Anaesthesia for Transplant surgery**
- **Labour Anaesthesia**
- **Pediatric Anaesthesia Anaesthesia for bariatric surgery**

17. Number of faculty with ongoing projects from a) National b) International funding agencies and Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

**Nil**

18. Inter-Institutional Collaborative projects and associated grants received

- National collaboration-
- International collaboration-

Project title	Collaborating Agency	Associated grants
National collaboration	---	----
International collaboration	Cleft lip and palate surgeries going on association with international organization “Smile Train , USA” and Department of Oral and Maxillofacial surgery and Plastic Surgery since 2006 with more than 2550 patients operated under Anaesthesia	Smile Train , USA

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. –

Nil

20. Research facility / centre with **the Research Laboratories of DMIMS(DU)**

Research Facility/Centre	Recognitions
Organ Transplants	Yes
All state Programmes	---
National Programmes	---
International	---

21. Special research laboratories sponsored by / created by industry or corporate bodies-

Nil



22. Publications: **Annexure No.-**

- Number of papers published in peer reviewed journals (national / international) From 2013 till 2016 December

Sn.	Author's Name	Title of Article	Journal Name	Year, Volume Issue & Page No.	Type of Journal
1	Dr Virendra Belekar	Rocuronium for tracheal intubation in patients undergoing emergency surgery	International journal of pharmacological research	2013	International
2	Abbas Ali Ajani Amol Prakash Singam, Ashok Chaudhari, Aruna Vijay Chandak	Comparison of Ondansetron with Ondansetron and Dexamethasone in prevention of postoperative nausea vomiting in abdominal surgery	International Journal of Biomedical And Advance Research	2013, vol 04 (01)	International
3	Aparna upadhye, sahanarayana, Chauhan G N	Tonsillectomy under LA safe and effective alternative in rural and tribal areas like Adilabad AP	The anticeptic	2013 226-227	National
4	Virender Belekar, Vaibhav Jain, Priyanka Deshmukh, Sandeep Iratwar	Perioperative management of a patient with hemophilia A with acute subdural hematoma	Journal of applied haematology	2013 vol 4 oct-dec 156-159	National
5	Snigdha Paddalwar, Manda Nagrale, Aruna Chandak, Deepti Shrivastava, Juhi Papalkar	A randomized, double-blind, controlled study comparing Bupivacaine 0.125% and Ropivacaine 0.125%, both with Fentanyl 2 $\mu$ g/ml, for labor epidural analgesia	Indian journal of pain	2013 vol 27 issue 3, 147-153	National
6	Dr. Shruti jajoo Dr. A chaudhari, Dr. A singam Dr. A chandak	Attenuation of hemodynamic response to endotracheal extubation : a prospective randomized controlled study between two different doses of verapamil	Intrenation journal of biomedical research 2013	Issn:0976=9633 (online) Journal: dol:10.7439/ijbr Coden: Ubrfa	Internation
7	Jeshnu Prakash Tople, Amol Singam, Satish Gosavi, Aruna Vijay Chandak	Comparison of intrathecal bupivacaine (17.5mg) with preservative free midazolam (1mg) versus intrathecal bupivacaine (17.5mg) for postoperative pain relief in lower limb surgeries	Ijbar (2013)	04 (02)	International
2014					
8	Dr. Aruna Chandak Dr Snigdha Paddalwar Dr. Khusboo Dubey	A comparative double blind study of Tramadol and Fentanyl as adjuvant to lignocaine for intravenous regional anesthesia for forearm orthopedic surgeries	Indian journal of Pain	Jan- April 2014 Vol. 28	National
9	Dr. Amol Singham Dr. Vinay Dhakate Dr S. Gosavi Dr. Saurabh Yelurkar	Use of epidural steroids in cases of low back pain and sciatica: A protective observation study.	International Journal Of Healthcare And Biomedical Research	April 2014 Vol 2 Issue 3 Pages 98-104	Internation

10	Dr Aparna Chavan , Dr Rajhans Nagarkar, Dr GN Chavan Dr PT Deshmukh	A study of microbiological spectrum with its antibiotic susceptibility In patients of chronic suppurative otitis media at RIMS, Adilabad	International J. Of Healthcare and Biomedical Research,	Volume: 03, Issue: 01, October 2014, Pages 152-157	International
11	Dr. G. Chavan Dr. Aparna Chavan Dr. Alok Ghosh	Effect of intrathecal fentanyl on subarachnoid block with .5% hyper baric bupivacaine	International journal of Health care & Biomedical Research	Volume :02 Issue :04 July 2015	Other/Institutional
12	Mayuri Golhar Tarun Yadav Gajanan Chavan	A Randomized Double-Blind Study of Pretreatment with Lignocaine And Pre-Treatment with Butorphanol to Alleviate Pain During Intravenous Injection of Propofol	J D M I M S U	Vol. 9 No. 2, 2014	International
13	Dr. Sanjot Ninave Dr. Jitesh Khandrani Dr. Sudhir Ninave	Rocuronium the Muscle Relaxant an Alternative to Succinyl Scoline For Rapid Sequence Intubation : A Randomized Comparative Study.	J DMIMS	Vol. 9 No. 3, 2014	National
14	Dr. Virendra Kumar Belekar Dr. Vaibhav Jain Dr. Sanjot Ninave Dr. Aruna Chandak	Re-Expansion Pulmonary Oedema in a Patient With Pneumothorax After Central Venous Catheterization- A Case Report.	J DMIMS	Vol. 9 No. 3, 2014	National
15	Dr. KK Khan Dr. Prachee Nagrale Dr. MH Nagrale Dr. HR Nagrale Dr. Neeta verma	Marfan Syndrome - Anaesthesia Management of a Case of Marfan Syndrome with Dislocated Lens of Mature Cataract Both Eyes	J DMIMS	Vol. 9 No. 3, 2014	National
16	Nameirakpam Charan1, Bijaya Hijam2, Sanjot Ninave3, S. Thoibahenba Singh4, Upendra Keisham5, Ibemhal Heisnam6	A Double Blind Comparative Study Of I.V. Clonidine And Fentanyl To See The Haemodynamic Response During Laryngoscopy And Intubation	J of Evolution of Med and Dent Sci	/ eissn- 2278-4802, pissn-2278-4748/ Vol. 3/ Issue 39/Aug 28, 2014	International
17	Dr. Nitin Bhola Dr. Anand Jadhav Dr. R.M Borle Dr. Gaurav Khemka Dr. Abbas Ali	Awake retrograde endotracheal intubation in restricted mouth opening; A syripped guide wire technique; retrospective study	Oral maxillofacial surgery	18,4,393-396	International
18	Dr. Shubhangi Belekar Dr. Virendra Belekar Dr. Vijay bahgat Dr. Shubhangi Baviskar	Cervical cancer screening risk factors for cervical neoplasia in rural women of nanded maharashtra	Innovative journal of medicine and health	Jan 2014, 4,222,74939, 312-316	National

19	N. K. Agrawal, Gopan Thakre, Priyanka Deshmukh	Defination of Modern Anaesthesia	Communication	Vol 9 No. 4 , 2014	International
20	Dr. Aparna Chavan, Dr. G. N. Chavan, Dr. P. T., Deshmukh	Clinical epidemiology of epithelial malignancies of head and neck region in first three decades of life	International J. Of Healthcare and Biomedical Research,	Vol 03, issue 01 oct. 2014	International
2015					
21	Vaibhav Jain, Aruna Chandak, Alok Ghosh, Mayuri Golhar (Thesis)	Comparison of dexmedetomidine and fentanyl for attenuation of the hemodynamic response to laryngoscopy and tracheal intubation	Ain-Shams Journal of Anesthesiology	2015, 08:236–243	International
21	Dr. G. N. Chavan , Dr Neeta Verma	Patients perception about anesthesiologist's before and after surgical procedure in rural setup	International J. of Healthcare and Biomedical Research,	Issue: 03, April 2015, Pages 99-105 Volume: 03	International
23	Priyanka Goyal*, Aruna Chandak**, Karuna Taksande***, Vaibhav Jain*, Saranya Rallabhandi (Thesis)	Ease Of Proseal LMA Insertion & Hemodynamic Response To Its Placement Using Gum Elastic Bougie : A Comparison With Conventional Technique	DMIMS(DU), Sawangi (M), Wardha, Maharashtra, India.	Vol. 10 No. 2, 2015	Institutional
24	Dr Tarun Yadav, Dr Mayuri Golhar, Dr Vijay Chhgalal Chandak, Dr Aruna Vijay Chandak (Thesis)	Comparative Evaluation of Intubating LMA with Fiberoptic Endoscopic Intubation in Anticipated Difficult Airway Scenario :Study of 60 Cases	<a href="http://journaldmims.com/frmArchivesDetails.aspx?Id=59,10,1,15-18">http://journaldmims.com/frmArchivesDetails.aspx?Id=59,10,1,15-18</a>	Mar-2015	Institutional
25	Dr. N. k. Agrawal, Dr. Kiran Bhatia	Percutaneous Nephrolithotomy (PCNL) Under Epidural Anaesthesia vs General Anaesthesia	J D M I M S U	Vol. 10 No. 3, 2015	Institutional
26	Dr Pankaj Hiwarkar, Dr Rahul Rajan, Dr Rashmi Despandey (short project)	Prevalence pattern of risk factors for coronary artery disease (CAD) among patients presenting for coronary artery bypass grafting (CABG) in rural Indian population	ISSN: 0976- 9633 (Online); 2455-0566 (Print) Journal DOI: 10.7439/ijbr CODEN: IJBRFA	December 2015	international
27	Dr Harsimran Singh Walia , Dr Aruna V. Chandak , D r Tarun Yadav , Dr Mansi Chatterjee	Original article: Comparative study of isobaric bupivacane for vagina l hysterectomy using clonidine & dexmedetomidine as adjuvant	International J. of Healthcare and Biomedical Research,	Volume: 03, Issue: 02, January 2015, Pages 160- 168 160	www.ijhbr.com ISSN: 2319-7072

28	Dr Jayshree sen	Diagnosed and suspected extrapulmonary tuberculosis a study on response to anaesthesia	Indian Journal of Clinical Practice	Indian Journal of Clinical Practice, Vol. 25, No.10, March 2015	National
29	Dr Jayshree sen Dr Bitan sen	Response to low-dose intrathecal clonidine in septuagenarians undergoing sub-umbilical surgeries: A study	Saudi Journal of Anesthesia	Vol. 9, Issue 2, April-June 2015	International
30	Dr Anjali modak, Dr Aruna chandak. Dr harsimran walia (thesis)	A Study to Evaluate the Efficacy of 2 Different Doses of Dexmedetomidine when Given Intrathecally as Adjuvant to Bupivacaine in Patients Undergoing Abdominal Hystrectomy : Study of 100 Cases	J D M I M S U	Vol. 10 No. 4, 2015	
31	Priyanka Deshmukh, S. N. Gosavi, Aruna Chandak, Vijay Chandak	A Comparative Study of Intrathecal Bupivacaine with Clonidine Versus Intrathecal Bupivacaine with Fentanyl for Post-operative Pain Relief in Lower Limb Surgeries	The Journal of Datta Meghe Institute of Medical Sciences University	VOLUME	NATIONAL
2016					
32	Dr. Vinay Dhakate, Dr. Amol Singam1, Sanjyot Ninave1, Ishan Bansal1, Punit Upadhaya1	Combination of Midazolam and Butorphanol for Sedation for Tympanoplasty under Monitored Anaesthesia Care	Journal of Krishna Institute of Medical Sciences University ISSN 2231-4261	Vol. 5, No. 1, January-March, 2016 74 ISSN 2231-4261	International
33	Dr. Astha Palan Dr. N K Agrawal	Effect of Induction Delivery Time on Apgar Score in Lower Segment Cesarean Section Under Spinal Anesthesia	People's Journal of Scientific Research	January 2016; Volume 9, Issue 1	
34	Manisha Bhatt Dwivedi, Manda Nagrale1, Sankalp Dwivedi, Hardeep Singh	What happens to the hemodynamic responses for laryngeal mask airway insertion when we supplement propofol with butorphanol or fentanyl for induction of anesthesia: A comparative assessment and critical review	International Journal of Critical Illness and Injury Science   Published by Wolters Kluwer – Medknow DOI: 10.4103/2229-5151.177369	Vol. 6   Issue 1   Jan-Mar 2016 Website: www.ijciis.org	
35	Nagrале M.H.1 Pradeep S.Indurkar 1 Chendra Shekhar Pardhi2	Research Article Comparative study on Haemodynamic response to extubation: Attenuation with Lignocaine, Esmolol, Propofol.	International Journal of Research in Medical Sciences Int J Res Med Sci.	2016 Jan;4(1):144-151 www.msjonline.org	

36	Neeta Verma, Karuna Taksande and Devavrat Vaishnav	A randomized trial of Intraarticular bupivacaine and bupivacaine with Clonidine for postoperative analgesia after arthroscopic knee surgery	International Journal of Biomedical Research	International Journal of Biomedical Research 2016; 7(3): 144-146.	International
37	Ashok Chaudhari and Devavrat Vaishnav	Ketamine in prevention of pain during propofol injection	International Journal of Biomedical Research	International Journal of Biomedical Research 2016; 7(3): 118-121	International
38	Apurva Mahalle* and Madhur Chadha	Spinal Cord Stimulation What Do We Know?(Review Article)	Journal of Anesthesia & Critical Care: Open Access	Journal of Anesthesia & Critical Care: Open Access J Anesth Crit Care Open Access 2016, 4(1): 00126	International
39	Karuna Taksande and Devavrat Vaishnav	Comparative study between caudal bupivacaine and caudal midazolam for post-operative analgesia in paediatric patients	International Journal of Biomedical Research	ISSN: 0976- 9633 (Online); 2455-0566 (Print) Journal DOI: 10.7439/ijbr CODEN: IJBRFA	International
40	Nandkishore K Agrawal, Astha Palan	Effect of Supplemental Maternal Oxygenation on Placental Blood pH in LSCS under Spinal Anesthesia	People's Journal of Scientific Research	July 2016 ; Volume 9, Issue 2	National
41	Rahul Rajan*, SN Gosavi, and Sanjot Ninave	Upper Thoracic Epidural vs General Anaesthesia for MRM surgeries {Original Research Article}	International Journal of Biomedical Research	2016; 7(10): 718-720.	International Journal
42	Dr. Anjali Modak Dr. R. Saranya	Comparison of Bolus Phenylephrine and Mephentermine for Maintenance of Arterial Pressure during Spinal Anaesthesia in Caesarean Section	International Journal of Science and Research (IJSR)	2016;5(11);142- 144	International Journal
43	Dr. Anjali Modak, Dr. R. Saranya	Nebulized Fentanyl for Postoperative Pain Relief in Lower Abdominal Surgeries	International Journal of Science and Research (IJSR)	2016;5(10):1299 -1303	International Journal
44	Dr. Devavrat Vaishnav Dr. Ashok Chaudhari	Attenuation Of Cardiovascular Responses To Laryngoscopy And Intubation: A Comparative Study Between I.V. Esmolol Hydrochloride And Fentanyl Citrate	International Journal of science and Research (IJSR)	Vol 5 issue 10 <sup>th</sup> Oct. 2016	International
45	Dr. Diptanu Bhaumik1, Dr. Amol Singam2, Dr. Nand Kishore Agrawal3	The Study Of Effect Of Dexmedetomidine On The Characteristics Of Bier's Block (Intravenous Regional Anaesthesia) When Administered In Addition To Lidocaine For Forearm And	Evid. Based Med. Healthc., pISSN- 2349- 2562, eISSN- 2349-2570/	Vol. 3/Issue 90 Nov. 10, 2016	Page 9 of 388

		Hand Surgeries			
46	Dr. Pooja Varma, Dr. Sanjot Ninave	Comparison of Paravertebral Block with Spinal Anaesthesia in Unilateral Inguinal Hernia Repair	International Journal of Science and Research (IJSR)	Volume 5 Issue 12, December 2016	International
47	Nikhil Bhalerao*, Anjali Modak	Neurocognitive Changes After Off-Pump Versus On-Pump Coronary Artery Bypass Grafting	J D M I M S U	Vol. 11 No. 3, 2016	
48	Nishtha Sharma1, V. C. Chandak2, Amol Singam3	A Comparison between Modified Mallampati Test, Thyromental Distance, Upper Lip Bite Test and Neck Circumference for Predicting Difficult Intubation	International Journal of Science and Research (IJSR)	Volume 5 Issue 10, October 2016	
2017					
49	Dr. Immi Gupta1, dr. A.V.Chandak2, dr. Vijay Chandak3, dr. Sreemayi C	To Study the Efficacy of 45µg of Clonidine Added to 0.5% Isobaric Ropivacaine For Spinal Anaesthesia in Lower Limb Orthopaedic Surgeries	International Journal of Science and Research (IJSR)	Volume 6 Issue 1, January 2017	International
50	Malvika Prasad Tendulkar1* Sanjot Sudhir Ninave1	Prospective Comparison of Pressor and Airway Responses to IV Esmolol and IV Dexmedetomidine during Emergence from General Anaesthesia and Extubation	Journal of Krishna Institute of Medical Sciences University (JKIMSU)	Vol. 6, No. 1, January-March 2017	
51	Astha Palan1*, N.K Agrawal1	Control of Intraoperative Shivering Under Spinal Anaesthesia- A Prospective Randomized Comparative Study of Butorphanol with Tramadol	Journal of Krishna Institute of Medical Sciences University (JKIMSU)	Vol. 6, No. 1, January-March 2017	
52	Dr Sanjot Ninave1, Dr Pooja Verma2	Incidence of Postdural Puncture Headache in Patients Undergoing Lower Segment Ceassarian Section	International Journal of Science and Research (IJSR)	Volume 6 Issue 1, January 2017	
53	Vinaya Udaybhaskar, C. Sreemayee, Prasad Ingley1	Wolff–Parkinson–White syndrome: Implications for an anaesthesiologist	Journal of Neuroanaesthesiology and Critical Care   Published by Wolters Kluwer - Medknow	February 09, 2017	
54	Dr. A. V. Chandak, dr. Immi Gupta, dr. Sreemayi C	Efficacy of Tranexamic Acid in Decreasing Blood Loss during and after Cesarean Section: A Randomized Case Controlled Prospective Study	International Journal of Science and Research (IJSR)	Volume 6 Issue 1, January 2017	International

55	Dr. V. C. Chandak, Dr. Nishtha Sharma	A Comparison between Intrathecal Bupivacaine alone and Intrathecal Bupivacaine in Combination with Nalbuphine for Post-Operative Analgesia	International Journal of Science and Research (IJSR)	Volume 6 Issue 1, January 2017	International
56	Dr. Nandkishore Agrawal, Dr. Sujata Rawlani	Spinal Anaesthesia in Sitting Position for 30 Seconds Vs Conventional Spinal Anaesthesia: Which is Better?	People's Journal of Scientific Research	January 2017; Volume 10, Issue 1	
57	Dr Sanjot Ninave, Dr Malvika Tendulkar	Prospective Comparison of INJ Bupivacaine vs INJ Ropivacaine in Ilioinguinal Nerve Blocks for Paediatric Herniotomies	International Journal of Science and Research (IJSR)	Volume 6 Issue 4, April 2017	International

- Monographs - Nil
- Chapters in Books - 1
- Books edited - 1
- Books with ISBN with details of publishers - Nil
- Number listed in International Database - Nil  
(For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)-
- Citation Index - 7.8
- SNIP - 1.02
- SJR - 0.41
- Impact Factor - 1.45
- h-index - 4

23. Details of patents and income generated –

Patent/ Copyright
NK'S RISK CRITERIA FOR ANAESTHESIA : Dr N Agrawal
Pediatric circuit : Dr N Agrawal

24. Areas of consultancy and income generated

**Pre-Aneasthesia Checkup Clinic, NICU, ICU, Smile Train Aneastheisa, Anaesthesia for various surgery**

25. Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad –

**Nil**

26. Faculty serving in

- a) National committees      b) International committees      c) Editorial Boards  
d) any other (specify)-

Name of Faculty	Serving Agency/ Board/ Committee
<b>Dr. A. V. Chandak</b>	<ul style="list-style-type: none"> <li>• <b>Governing council Member ISA state chapter 2015– 16</b></li> <li>• <b>MMC Observer</b></li> <li>• <b>Associate member in DMIMS Journal 2012-15</b></li> <li>• <b>Member of Value education cell DMIMS</b></li> </ul>
<b>Dr. S. Ninave</b>	<ul style="list-style-type: none"> <li>• <b>Secretary ISA City Branch 2012 -13</b></li> <li>• <b>Vice President ISA City Branch 2013 -14</b></li> <li>• <b>President ISA City Branch 2014-15</b></li> </ul>
<b>Dr. N. K. Agrawal</b>	<b>Secretary ISA Nagpur Branch</b>
<b>Dr. Vivek Chakole</b>	<b>Indian Academy of Pain Medicine Governing council Member 2017 - 2020</b>
<b>Dr. Verendra Belekar</b>	<b>Indian Society of Critical Care, Nagpur Branch Executive Member 2017</b>

27. Faculty Recharging Strategies  
(Refresher/orientation programs, workshops, training programs and similar programs).

- **Anaesthesia for various Operative Surgical Workshops conducted by Surgical Departments**
- **Instructor for BLS and ACLS provider course**
- **Anaesthesia for Operative surgical camps**

28. Student Projects

- Percentage of students who have taken up in-house projects including inter-departmental projects

Course wise Students	Percentage
MD/MS	100%
Ph. D	100%

- Percentage of students doing projects in collaboration with other universities/industry/institute  
**Nil**

29. Awards / recognitions received at the national and international level by

	Names	Awards / recognitions
Faculty	Dr. V. Belekar	AHA Instructor for BLS and ACLS
	Dr. Sanjot Ninave	AHA BLS and ACLS Provider
	Dr. Vinay Dhakate	AHA BLS and ACLS Provider
	Dr. Neeta Verma	AHA BLS and ACLS Provider
	Dr. A.R. Chaudhari	AHA BLS and ACLS Provider
	Dr. Ashwini Gharote	AHA BLS and ACLS Provider
	Dr. N. K. Agrawal	AHA BLS and ACLS Provider
	Dr. Anjali Modak	AHA BLS and ACLS Provider
	Dr. Apurva Mahalle	AHA BLS and ACLS Provider Faculty in CME & Workshop on USG Guided Nerve Block



	Dr. A. Ghosh	Lifetime Professional Excellence - 2015
	Dr. Agrawal	ALVEOLAR DIFFUSION DAMAGE CALCULATOR at World Congress of Anaesthesiologist International summit August 2016
	Dr. Vivek Chakole	Faculty in Interventional Pain Management Conference and Workshop
Students	Dr. Vaibha Jain Dr. Harsimran Walia Dr. Tatun Yadav	Nagpur GMC wins inter- collegiate Anaesthesiology Quiz- 24/8/2014
	Dr Praveen singh Thakur	Critical Care Quiz Contest 17th Jan 2016 (2nd Prize)
	Dr. Punit Upadhya	1) Quiz 2ndprize, 2)2ndprize (Paper presentation ) 9/11/2014

30. Seminars/Conferences/Workshops organized and the source of funding (national/international ) with details of outstanding participants, if any.

31. Code of ethics for research followed by the departments

**Yes, All research Projects are undertaken after the approval of Institutional Ethical Committee, and Animal Ethical Committee and the guidelines of institutional IPR policy are strictly adhered to.**

32. Student profile program-wise : As per Annexure

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MBBS	As per NEET	87	113	89%	97.35%
MD	As per NEET	03	05	--	--
DA	As per NEET	1	0	--	--

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MD Anaesthesiology	29	33	33	04

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. –

**117 Students.**

35. Student Progression

Student Progression	Percentage Against Enrolled
UG to PG	<b>53%</b>
PG to M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>3%</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	<b>24%</b> <b>7%</b>
Entrepreneurs	<b>12%</b>

**36. Diversity of staff**

<b>Percentage of faculty who are graduates of the same university</b>	
of the same university	<b>Nil</b>
from other universities within the State	<b>22.22%</b>
from universities from other States	<b>01</b>
from universities outside the country	<b>Nil</b>

**37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period –**

**Nil**

**38. Present details of departmental infrastructural facilities with regard to**

- a) Library : **Available**
- b) Internet facilities for staff and students : **Available**
- c) Total number of class rooms : **1 Seminar Room**
- d) Class rooms with ICT facility and 'smart' class rooms : **Yes**
- e) Students' laboratories : **Yes**
- f) Research laboratories : **Yes**

**39. List of doctoral, post-doctoral students and Research Associates**

	Doctoral Students	Post doctoral	Research Associates
From the host institution/university	<b>Dr. Amol Singam</b>	Nil	Nil
From other institutions/universities	Nil	Nil	Nil

**40. Number of post graduate students getting financial assistance from the university.-**

**Nil**

**41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.**

**Yes, need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis, user analysis and work analysis**

42. Does the department obtain feedback from

- a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

**Yes, The Feedback from faculties are utilized for development, designing and updation of curriculum and syllabus.**

- b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

**Yes, The Feedback from students are utilized for improvement of performance of the staff and updation of curriculum.**

- c) Alumni and employers on the programs offered and how does the department utilize the feedback?

**Yes, the Feedback from them are utilized for identification of needs for development, designing and updation of curriculum and syllabus.**

43. List the distinguished alumni of the department (maximum 10)

<b>Name of the distinguished alumni</b>	<b>Presently Working as</b>
<b>Dr. Sandeep Joshi</b>	As Super Specialty S.R. in Dept. of Cardiac Anaesthesia at AIIMS Delhi doing DM
<b>Dr. Neeta Verma</b>	As Asso. Professor, Dept. of Anaesthesiology, JNMC
<b>Dr. Amol Singam</b>	As Asso. Professor, Dept. of Anaesthesiology, JNMC
<b>Dr. Anjali Modak</b>	As Asso. Professor, Dept. of Anaesthesiology, JNMC
<b>Dr. Charit Kumar</b>	Fellow in Cardiac Anaesthesia in Forties escorts Heart Institute
<b>Dr. Mayuri Golhar</b>	Asst. Professor, PGIMS Rohatak
<b>Dr. Tarun Yadav</b>	S.R. Trauma ICU, PGIMER and Dr. RML Hosp. New Delhi

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

- 1) **CME on Renal Transplant on 24<sup>th</sup> Feb-2013**
- 2) **Guest Lecture – Dr. Anupam Goswami “Anaesthesia for Non Cardiac Surgery for Patient with Coronary heart Disease” on 3<sup>rd</sup> May-2013.**
- 3) **Guest Lecture – on Topic -**
  - a. **Coronary Artery Stents and Anaesthesia**
  - b. **Preoperative Medication (T continue or Not?)**
- 4) **Dr Ravi Joshi, Consultant Anaesthetist University Hospitals Coventry and Warwickshire NHS Trust COVENTRY CV2 2DX, United Kingdom**
- 5) **2014**

1. **CME on Neuro Anaesthesia on 2<sup>nd</sup> March-2014.**

<b>Topic</b>	<b>External Expert</b>
Medical management of raised ICP and Neurosurgeon's expectations from anesthesiologist.	Dr.Sandip Iratwar Asst. Professor, Deptt. Of Neurosurgery, DMIMS, Sawangi (M)
Salient features of preoperative & intra operative neuroanesthesia	Dr.Hitendra Mahajan Consultant Anesthesiologist & Intencivist
Anesthesia management of neurovascular surgeries	Dr. S.Muley Sr.Anesthesiologist, CIIMS Hospital, Nagpur.
Awake Craniotomy	<b>Dr.S.Gokuldas</b> Professor, Amrita Institute of Medical Sciences & Research Institute , Cochin
Postoperative management of Neurosurgical cases.	Dr.Anant Rajput Consultant Intensivist CIIMS Hospital, Nagpur

## 2. CME on Diabetes Mellitus and Anaesthesia on 23<sup>rd</sup> November2014.

<b>Topic</b>	<b>Speaker</b>
Physiology and management of diabetes mellites	Dr.S. K. Diwan Professor and Head, Deptt. Of medicine, JNMC, Sawangi (M)
Systemic effects of diabetes mellites	Dr Sunil Ambulkar Consulting diabetologist, Nagpur
Dibetic ketoacidosis and management.	Dr. shubhada deshमुख Sr.Anesthesiologist, Nagpur.

## 2016

### 1. CME & Workshop on USG Guided Nerve Block on 21<sup>st</sup> Feb2016

<b>Topic</b>	<b>Speaker</b>
Nerve conduction study	Dr. Avinash Taksande
Introduction to ultrasound	Dr. Sandeep Diwan
Ultrasound of upper Limb	Dr. Himanshu Dongre
Ultra sound of Lower Limb Femoral , Obturator & adductor canal	Dr. Himanshu Dongre
Ultrasound of Sciatic nerve block, popliteal block	Dr. Sandeep Diwan

## 2. CME on Pain Management and Palliative Care on 11<sup>th</sup> Dec2016

Topic	Speaker
Introduction to Pain Management	Dr. Apurv Mahalle I/C Pain Clinic, JNMC
Introduction to Palliative care	Dr Seema Rao, Palliative care consultant, Mumbai
Nutrition for Terminally ill patients: A Surgical perspective	Dr. Dharendra Wagh Prof, Dept of Surgery, DIIMS.
Interventional options in Chronic pain	Dr Anjali Kolhe, Chief, Dept. of Anaesthesiology & Pain RST Regional Cancer Hospital, Nagpur
Psychogenic aspect of Cancer Pain & Palliative care	Dr. K. Misra, Prof & Head, Dept of Psychiatry, JNMC
Case scenario: How I did it ?	Dr. Chandrashekhar Cham Consultant Anaesthesiologist & Pain Physician, Nagpur
Public Health landscape of Palliative care for teenage and young adults with cancer	Dr Kumar Abhishek Palliative care consultant, Delhi.

2017

## CME & Workshop on “Interventional Pain Management for Low Back Pain” 24<sup>th</sup> and 25<sup>th</sup> June 2017

Topic	Speaker
Anatomy of Pain Pathway	Dr. Gautam Das
Patophysiology of pain	Dr. Gautam Das
Introduction of Management of Low Back Pain	Dr. Chandrashekhar Cham
Evaluation of Low Back Pain	Dr. Gautam Das
Evaluation of Back Pain (Cont)	Dr. Gautam Das
Evidence based management of Back Pain	Dr. Chandrashekhar Cham
Fluoroscopy of LS Spine	Dr. Vivek Chakole
Outline of Interventional Management of LBP	Dr. Gautam Das

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

- **Seminar,**
- **Didactic Lecture,**
- **Group Discussion,**
- **Journal Reading,**
- **Thesis Review,**
- **Case Discussion Skill training**
- **ITP,**
- **PBL ,**
- **OSCE /OMP/ Mini CEX ,**
- **Simulations, virtual learningsetc**

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

**Marker Point Analysis in AAP: Log Book; Student Feedbacks and Formative Assessments.**

47. Highlight the participation of students and faculty in extension activities.

**Operatives Camps arranged by Institution and Rotary Club Camps , NSS , Integrated health team BLSetc**

48. Give details of “beyond syllabus scholarly activities” of the department.

**Quiz and Debates World Anaesthesia Day Celebration postercompetition Fellowship in PhD**

49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details.

**External quality control / ISO / any national / international body**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- **Participation in Skill lab**
- **BLS and ACLS Provider and Instructor Surgical and Neuro Surgical Training**
- **Training in Anaesthesia for Cardiology and Cardiac Surgery Training in Anaesthesia for Neuro Surgery.**
- **Training in USG Guided Nerve Block and Central lines.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Academics-courses - creation, TL, evaluation / Infrastructure- ICT incorporations /Manpower/Facilities/Specialised Services/Researches/Grants/Processes- autonomy /Students involvements /exchanges etc**

Strength	Weakness	Opportunities	Challenges
Excellent Infrastructure and well equipped Operation Theatres with all monitoring and ventilating systems	-		Development of department protocol for various procedures conforming with international standards
Well equipped Neuro & Surgical ICU Experience and dedicated staff		For research in ICU	

Staff member are encouraged to acquire new skill like USG Guided Nerve Block And Central Lines, Fiber optic intubation And Pain Management	More motivation required due to Lack of training in USG Guided Nerve Block	Opportunities for Research in USG Guided Nerve Block and Central Lines, Fiber optic intubation and Pain Management	Comprehensive Pain Management unit USG Guided Nerve Block Training
Staff Member attend conferences as faculty and to present research Paper		Opportunities to attend national and International conferences	Apply for Funded Project
Faculties are encourage research Publications copyright Patents and books	Less publication in Scopus index journal	Opportunities for publications in journals and write books and book chapter	Motivation for writing book chapters and book

52. Future plans of the department.

2018	2019
Train all faculty student for BLS and ACLS To trained Faculty and Postgraduate in Ultra Sound Guided Nerve Block up to 30%	To start day care surgery and anaesthesia unit
Day care surgery Up-gradation Labour Analgesia Up-gradation of pain clinic Superspeciality Anaesthesia Tech eg . Certificate Course - • Neuro anaesthesia, • Liver Transplant	Up-gradation of Emergency medicine and trauma care unit and disaster management To train Faculty and Postgraduate in Ultra Sound Guided Nerve Block up to 60% Palliative Care and Cancer Pain Management
Motivation for research and provision of infrastructure and suitable atmosphere for research	Motivation for research and provision of infrastructure and suitable atmosphere for research
upgradation for pain management services like labor analgesia cancer pain interventional therapy like ozone, laser	upgradation for pain management services like labor analgesia cancer pain interventional therapy like ozone, laser



## EVALUATIVE REPORT OF THE DEPARTMENT

1. Name of the Department : **Radio-Diagnosis**
2. Year of establishment : **1990**
3. Is the Department part of a college/Faculty of the university? :  
**Part of college**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

**UG: MBBS, B.Sc MIT; PG: MD, PG Diploma, and Ph.D. Fellowship in Interventional Radiology**

5. Interdisciplinary programs and departments involved: **02**
6. Courses in collaboration with other universities, industries, foreign institutions:  
**02**
7. Details of programs discontinued, if any, with reasons:  
**Nil**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System  
**Annual / Semester /Choice based Credit system**  
MBBS – semester  
BSC MIT – CBCS  
PG – Annual  
Fellowship CBCS
9. Participation of the department in the courses offered by other departments:

**Two Fellowships from Department Of Oral Medicine and Radiology.**

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
Professor	01	01	05
Associate Professor/Reader	06	01	0
Assistant Professor	02	02	0

Lecturer	-	-	-
Tutor / Clinical Instructor	-	-	-
Senior Resident	05	05	5

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
<b>Dr. S.V. PHATAK</b>	MD, RADIODIAGNOSIS	PROF & HEAD	RADIO-DIAGNOSIS	13 YEARS & 1 MONTH
Dr. R.P. DHANDE	MD, RADIODIAGNOSIS	ASSOCIATE PROFESSOR	RADIO-DIAGNOSIS	29 YEARS & 4 MONTHS
Dr. P.J BANODE.	DMRD, DNB RADIODIAGNOSIS	ASSOCIATE PROFESSOR	RADIO-DIAGNOSIS	17 YEARS & 8 MONTHS
Dr. D.U KAKADE	MD, RADIODIAGNOSIS	ASSOCIATE PROFESSOR	RADIO-DIAGNOSIS	38 YEARS & 3 MONTHS
Dr. S.V. KASHIKAR	MD, RADIODIAGNOSIS	ASSOCIATE PROFESSOR	RADIO-DIAGNOSIS	14 YEARS & 6 MONTHS
Dr. P.H. PARIHAR	MD, RADIODIAGNOSIS	ASSOCIATE PROFESSOR	RADIO-DIAGNOSIS	15 YEARS & 1 MONTH
Dr. A.N. KAMBLE	MD, RADIODIAGNOSIS	ASSOCIATE PROFESSOR	RADIO-DIAGNOSIS	13 YEARS & 1 MONTH
Dr. G. MISHRA	MD, RADIODIAGNOSIS	ASSISTANT PROFESSOR	RADIO-DIAGNOSIS	4 YEARS & 11 MONTHS
Dr. G. SHARMA	DMRD, DNB RADIODIAGNOSIS	ASSISTANT PROFESSOR	RADIO-DIAGNOSIS	7 YEARS & 7 MONTHS
Dr. SHIRISH VAIDYA	DMRD, DNB RADIODIAGNOSIS	Sr. RESIDENT	RADIO-DIAGNOSIS	5 YEARS & 10 MONTHS

Dr. T.P. SADAVARTE	MD, RADIODIAGNOSIS	Sr. RESIDENT	RADIO-DIAGNOSIS	5 YEARS&3 MONTHS
Dr. K.R. SINGHANIA	DMRD, RADIODIAGNOSIS	Sr. RESIDENT	RADIO-DIAGNOSIS	21 YEARS
Dr. SHRADDHA SINGHANIA	DMRD, RADIODIAGNOSIS	Sr. RESIDENT	RADIO-DIAGNOSIS	4 YEARS&11 MONTHS
Dr. AKSHAT SHUKLA	MD, RADIODIAGNOSIS	Sr. RESIDENT	RADIO-DIAGNOSIS	4 YEARS&11 MONTHS

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Name of the Faculty	Type Visiting Fellows, adjunct faculty, emeritus professors
<b>Dr. Sunil Kabra</b>	<b>Adjunct Faculty</b>

1. Percentage of classes taken by temporary faculty – program-wise information

**Nil**

2. Program-wise Student Teacher Ratio

<b>Courses</b>	<b>Ratio</b>
UG	Bsc MIT- 2:1
PG	<b>1:1</b>
Ph.D	<b>5:1</b>
FELLOWSHIP	<b>2:1</b>

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

<b>Sr.No</b>	<b>Designation</b>	<b>Sanction</b>	<b>Filled</b>	<b>Actual</b>
1	Technical staff	12	12	13
2	Administrative staff	3	3	3

16. Research thrust areas as recognized by major funding agencies

**Oncology, Interventional Radiology, Musculoskeletal imaging, Elastography.**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. **3**

<b>Name of Agency</b>	<b>Project Title</b>	<b>Grant received</b>
DST	TIFAC CORE	15 crores
MOBILE MAMMOGRAPHY VAN	ROTARY CLUB, WARDHA	35 lacs

18. Inter-institutional collaborative projects and associated grants received:

**Nil**

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received: 15 crore

**Nil**

20. Research facility / centre with:

**Interventional Radiology Lab**

21. Special research laboratories sponsored by / created by industry or corporate bodies  
Interventional Radiology Lab- DST

<b>Research Lab</b>	<b>Sponsoring body</b>
INTERVENTIONAL RADIOLOGY LAB	DST

22. Publications: (List of Details is Annexed)

*	Number of papers published in peer reviewed journals	<b>: 66</b>
*	Monographs	<b>: 01</b>
*	Chapters in Books	<b>: 01</b>
*	Books edited	<b>: Nil</b>
*	Books with ISBN with details of publishers	<b>: Nil</b>
*	Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)	
*	Citation Index	- <b>11.7</b>
*	Impact Factor	- <b>13.85</b>
*	h-index	- <b>6</b>

- \* SNIP - **3.86**
- \* SJR - **6.47**

23. Details of patents and income generated Including Copy right (if Free application than to be mentioned so):

**Nil**

24. Areas of consultancy and income generated:

**Nil**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:

**Nil**

26. Faculty serving in

- a) National committees
- b) International committees
- c) Editorial Boards
- d) Any other (specify)

Name of Faculty	Serving Agency/ Board/ Committee
<b>Dr. ShraddhaSinghania</b>	<b>Editorial Board</b>

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

- **Medical Education Training**
- **Subspeciality training in National & International Institute of Prominence under eminent faculty.**
- **Active participation in various conferences, workshops, CMEs.**
- **To facilitate faculty for various fellowship programs, and PhD.**
- **By conducting regular conference, workshop, CMEs, webinars and group discussions.**
- **ACLS & BLS Programmes.**

28. Student projects

- Percentage of students who have taken up in-house projects including inter-departmental projects  
Course wise - UG - ; PG -100%; Ph.D-100%

Course wise Students	Percentage
UG	2%
MD/MS	100%
Ph. D	100%

29. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows
- Students

	Names	Awards / Recognitions
<b>Faculty</b>	<b>Dr. Gaurav Mishra</b>	<b>Best Paper 2017 In International Conference</b>
<b>Doctoral / Post Doctoral Fellows</b>	-	-
<b>Students</b>	<b>Dr. Saherish Khan</b>	<b>Best Poster 2015</b>
	<b>Dr. Niyati Sharma</b>	<b>3<sup>rd</sup> Prize Paper Presentation 2015</b>
	<b>Dr. Amreen Bari</b>	<b>Best Paper 2013</b>

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any:

Sn	CME	Details of the CME	Credit Point by MMC	Source of Funding
01	Organized by Department 02.12.2012	Role of Doppler in clinical practice	2 Credit points by MMC	Intramural Funding
02	Organized by Department 23.03.2013	Radiology in Breast Imaging	2 Credit points by MMC	Intramural Funding
03	Organized by Department 08.11.2014	Hepatobiliary Imaging	2 Credit points by MMC	Intramural Funding
04	Organized by Department 11.07.2015	Fetal Imaging	2 Credit points by MMC	Intramural Funding
05	Organized by Department 20.08.2016	Fetal Echo	2 Credit points by MMC	Intramural Funding

31. Code of ethics for research followed by the departments

**Yes, All research Projects are undertaken as per the guidelines of Institutional ethical Committee , animal ethical committee and scientific scrutiny committee , after due approvals.**

32. Student profile program-wise :

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	As Per NEET	87	113	89%	97.35%
MD	2016- 5	4	1	--	--
DMRD	2016- 2	0	2	--	--
Ph.D.	2015		1		100%

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG	100	33.95	51.00	15.05
B.Sci. (MIT)	100	100	00	00
MD/DMRD	53%	33%	13%	--
Ph.D.	-	100%	-	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

**117 Students.**

35. Student progression :

Student progression	Percentage against enrolled
UG to PG	<b>53%</b>
PG to M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>3%</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campus selection	<b>24%</b>
• Other than campusrecruitment	<b>7%</b>
Entrepreneurs	<b>12%</b>

36. Diversity of staff

**Percentage of faculty who are graduates**

Of the same university	11%
From other universities within the State	77%
From universities from other States	11%
From universities outside the country	0

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period :

Name of the Faculty	Awarded with
<b>Dr S.V. KASHIKAR</b>	Ph.D.

38. Present details of departmental infrastructural facilities with regard to

- Library : **Yes, 127 Books**
- Internet facilities for staff and students : **Yes**
- Total number of class rooms : **1**
- Class rooms with ICT facility and 'smart' class rooms : **Yes**
- Students' laboratories : **Available**
- Research laboratories : **None**

39. List of doctoral, Post doctoral and Research Associates:

i.from the host institution/university

ii.from other institutions/universities

**Nil**

40. Number of post graduate students getting financial assistance from the university. Research Grants list:

**Nil**

41. Was any need assessment exercise undertaken before the development of new program(s) ? If so, highlight the methodology.

**Yes, need assessment exercise is undertaken before the development of new programme using the Pathak Vagha Mishra.algorithm of need analysis for modifying/introducing programme in health professionals education. It is an algorithm copy righted by copyright office Govt of India and is based on context analysis, user analysis and work analysis.**

42. Does the department obtain feedback from : **Yes**

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the



department utilize the feedback?

**The deficiencies of the Students are corrected; more stress is laid on less understood topics.**

Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Suggestions are incorporated.

Alumni and employers on the programs offered and how does the department utilize the feedback?

Suggestions are incorporated.

43. List the distinguished alumni of the department (maximum 10)

<b>NAME OF THE DISTINGUISHED ALUMNI</b>	<b>PRESENTLY WORKING AS</b>
Dr.Gaurav Mishra	Asst.Professor JNMC
Dr. Vaibhav Srivastava	Consultant – Naren Mohan hospital,UP
Dr.VikasOjha	Hod- Radiodiagnosis& imaging Jahangir hospital, Pune
Dr. PoonamSighania	Juroy Hospital, Singapore

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts:

Sr. No.	CME	Details of the CME
01	Organized by Department 02.12.2012	Role of Doppler in clinical practice
02	Organized by Department 23.03.2013	Radiology in Breast Imaging
03	Organized by Department 08.11.2014	Hepatobiliary Imaging
04	Organized by Department 11.07.2015	Fetal Imaging
05	Organized by Department 20.08.2016	Fetal Echo

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

**ITP, PBL, OSCE /OMP/Mini CEX, Simulations, Virtual Learnings**

46. How does the department ensure that program objectives are constantly met and

learning outcomes are monitored?

**Log Books, Marker point analysis in AcAP; Student Feedbacks and Formative assessments.**

47. Highlight the participation of students and faculty in extension activities.

**Health camps, mobile mammography van for cancer detection programme.**

48. Give details of “beyond syllabus scholarly activities” of the department.

Refective Earning through Social Media - **daily teaching case – DrShivaliKashikar**

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

**ISO 9000: 2008 ACCREDITED.**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

**Many research projects are taken in the department generating new knowledge and skills in the field of radio-diagnosis like elastography and musculo-skeletal sonography and Interventional radiology.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

<b>Strength</b>	<b>Weakness</b>	<b>Opportunities</b>	<b>Challenges</b>
<b>Well qualified and experienced faculty. Center of Excellence established by DST in Interventional Radiology</b>		<b>Enhanced training environments.</b>	<b>Get more funded projects</b>
<b>Good infrastructure</b>	<b>International collaborations</b>	<b>Broad based services</b>	<b>Tie up with reputed institutions. international collaborations</b>
<b>Good monitoring and</b>	<b>No patents</b>	<b>Enhancement of</b>	

reviewing process		students outcome.	
Wide range of academic programmes catering for all learners from technician to ph.d students			

52. Future plans of the department.

- Installation of state of the art diagnostic facilities in the department to boost research and academic development and for better patient care
  - Digital mammography
  - High end CT SCAN -128SLICE/DUAL ENERGY CT
  - High end MRI -3T UNIT
  - DEXA –Osteoporosis diagnosis
  - PET CT – ONCOLOGY WORKUP
- Faculty developments particularly for Research Grants.
- Developing radiology sub speciality like neuro-radiology, musculoskeletal radiology, pediatric radiology.
- Built Collaborations with reputed institutes: NIMHANS BANGALORE, AMRITA INSTITUTES OF MEDICAL SCIENCES. TRIVANDRUM

# Evaluative Report of the Department

1. Name of the Department : **Obstetrics and Gynaecology**
2. Year of establishment : **1990**
3. Is the Department part of a college/Faculty of the university? : **Part of college**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

**UG: MBBS; PG : MD; Fellowship in Advanced Infertility; Fellowship in Basic Gynaecological Endoscopy; Ph.D;PG Diploma- Diploma in Gynaecology and Obstetrics.**

5. Interdisciplinary programs and departments involved : **2**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. : **2**
7. Details of programs discontinued, if any, with reasons :

**Nil**

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

**UG : Semester**

**PG: Annual**

**Fellowship : Choice based Credit system**

9. Participation of the department in the courses offered by other departments

**Nursing- B.Sc and Diploma ; Physiotherapy - B.PT.**

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
Professor	01	01	09
Associate Professor/Reader	11	05	05
Assistant Professor	02	02	02
Senior Resident	06	07	07

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>No. of Years of Experience</b>
Dr. DeeptiShrivastava	MBBS. MD, PhD	Prof &Head	OBGY	18.06
Dr.S.A.Inamdar	MBBS. MD	Professor	OBGY	27.06
Dr.ChellaHariharan	MBBS. MD	Professor	OBGY	27.01
Dr. SwarnalataSamal	MBBS. MD	Professor	OBGY	39.02
Dr. ShubhadaJajoo	MBBS. MD,Ph.D.	Professor	OBGY	19.03
Dr.Neema Acharya	MBBS. MD	Professor	OBGY	18.03
Dr.Dilip.K.Bhaumik	MBBS. MD	Professor	OBGY	15.00
Dr. SandhyaPajai	MBBS. MD	Professor	OBGY	35.00
Dr.SanjivaniWanjari	MBBS. MD	Professor	OBGY	25.00
Dr. Mahima Tiwari	MBBS. MD	Asso. Professor	OBGY	20.00
Dr. KiranBorkar	MBBS. MD	Asso. Professor	OBGY	15.07
Dr. ArpitaJaiswal	MBBS. MD	Asso. Professor	OBGY	11.07
Dr. Manjusha Agrawal	MBBS. MD	Asso. Professor	OBGY	16.00
Dr. Nanda Vinayak	MBBS. MD	Asso. Professor	OBGY	18.06
Dr. UnnatiShende	MBBS. MD	Asst. Professor	OBGY	6.10
Dr. Mehul Salve	MBBS. MD	Asst. Professor	OBGY	8.09

Dr. AnupamaBhende	MBBS. DGO	Senior Resident	OBGY	3.06
Dr. AnupPatil	MBBS. MD	Senior Resident	OBGY	4.09
Dr. NehaVerma	MBBS. MD	Senior Resident	OBGY	4.00
Dr. DeepikaDewani	MBBS. MD	Senior Resident	OBGY	4.01
Dr. M. Kotpalliwar	MBBS. MD	Senior Resident	OBGY	4.01
Dr. VaishaliAmbatkar	MBBS. DGO	Senior Resident	OBGY	10.00
Dr.S. Kotpalliwar	MBBS. MD	Senior Resident	OBGY	6.00

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

<b>Name of the Faculty</b>	<b>Type Visiting Fellows, Adjunct Faculty, Emeritus Professors</b>
Dr.MohanGadam	Adjunct faculty
Dr. SadhanaPatwardha	Adjunct faculty
Dr.S.Bhute	Emeritus professors

13. Percentage of classes taken by temporary faculty – program-wise information

**Nil**

14. Program-wise Student Teacher Ratio

Courses	Ratio
UG	11:1
PG	1:1
Ph.D	5:1
Fellowship	2:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :

<b>Sr.No.</b>	<b>Designation</b>	<b>Sanction</b>	<b>Filed</b>	<b>Actual</b>
1	Technical Staff (Tech)	2	2	3
2	Administrative staff (Clerk,MSW,Steno, Storekeeper,Attendant)	7	7	9

16. Research thrust areas as recognized by major funding agencies (WHO, ICMR, DBT )

**Maternal and Child Health  
Hospital Acquired Infection,  
Reproductive Medicine, Technological Interventions.**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. 1

Name of Agency	Project Title	Grant received
USaid (Harvard university)	Rapid diagnosis of frail & sick newborn with handheld vital signs	40,000 USD

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration

Project title	Collaborating Agency	Associated grants received
Rapid diagnosis of frail & sick newborn with handheld vital signs	USaid (Harvard university)	40,000
The Mystery Of Uterine Balloon Mechanical Pressure To Prevent Atonic Postpartum Hemorrhage, International , Sewagram	Dept.of Obstetrics & Gynaecology MGIMS , Sewagram	Uterine Balloons are provided free of cost.

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. :

**Nil.**

20. Research facility / centre with

- State Recognition : IVF , Centre for Jananysurkshayojana
- National Recognition : VCTC .
- International Recognition : Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies  
Interventional Radiology Lab- DST

Research Lab	Sponsoring body
Endotrainer lab	Meril Sutures, India
IVF lab	Repute Care ,Nagpur
Mobile van for cervical cancer screening at door steps	Rotary club ,Wardha.

22. Publications:

- Number of papers published in peer reviewed journals (national / international)

2013	27
2014	19
2015	26
2016	23

- Monographs -nil
- Chapters in Books

2013	1	Dr.S.A.Inamdar : Revised edition of post partum collapse, 2 <sup>nd</sup> edition
2014	-	
2015	1	Dr.S.A.Inamdar : Revised edition of post partum collapse 4 <sup>th</sup> edition
2016	3	1. DrNeema S Acharya, NIHARIKA MALHOTRA : Ultrasonography 2D, 3D anssonohysterography and correlation with Hysteroscopy, 13 2. Dr.Neema Acharya : Principles of Critical Care in Obstetrics: Volume II, Acute Psychiatric Crisis in Obstetrics, 3. Dr. S.A.Inamdar : Chapter FAQs on adolescent, infertility & menopause, Dr. Malhotra series.

- Books edited : **Nil**
- Books with ISBN with details of publishers :  
**Geriatric Physiology ISBN-978-1-63041-823-6, Sara Book Publications**
- Number listed in International Database : **81**
- Citation Index – Range / Average : 14.6
- SNIP : 1.409
- SJR : 1.366
- Impact Factor – Range / Average : **4.38**
- h-Index : **8**



23. Details of patents and income generated :

**Nil**

24. Areas of consultancy and income generated

<b>Areas of consultancy</b>	<b>Income Generated</b>
Health Awareness, Sex Determination Awareness	Free
Adolescent educations	Free
Workshop with FOGSI	Free

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

<b>Name of Faculty</b>	<b>Visit to other Laboratories / Institutions / Industries In India and Abroad</b>
Dr.D.Shrivastava	Homerton fertility center. London
Dr.Neema Acharya	Cmast , National Mumbai
Dr.S.A.Inamdar Dr. VaishaliAmbatkar Dr,Neha Verna Dr.AnupPatil	National Ethicon -Lab., Mumbai

26. Faculty serving in

- a) National committees      b) International committees  
c) Editorial Boards          d) any other (specify)

<b>Name of Faculty</b>	<b>Serving Agency/ Board/ Committee</b>
Dr.DeeptiShrivastava	National corresponding editor Journal of Obstetrics and Gynecology of India
Dr.Neema Acharya	Reviewer cosmosscholar
Dr. ArpitaJaiswal	Reviewer journal of DMIMSDU
Dr.DeeptiShrivastava	ICOG , IMS, ISAR, FOGSI-Ex president, Ex secretary

Dr.S.A.Inamdar	ICOG , FOGSI Ex president
Dr. Neema Acharya	ICOG, ISAR, FOGSI-Ex secretary
Dr. C.Hariharan	FOGSI -Ex president, Ex secretary
Dr. S.Samal	FOGSI
Dr.S. Jajoo	FOGSI, Ex president
Dr. D.K.Bhaumik	FOGSI
Dr. M.Tiwari	FOGSI
Dr. KiranBorkar	FOGSI
Dr. ArpitaJaiswal	FOGSI- Ex secretary
Dr. Nanda Vinayak	FOGSI
Dr. UnnatiShende	FOGSI
Dr. Mehul Salve	FOGSI - secretary
Dr. AnupamaBhende	FOGSI
Dr. AnupPatil	FOGSI
Dr. NehaVerma	FOGSI
Dr. DeepikaDewani	FOGSI
Dr. Monika Kotpalliwar	FOGSI
Dr. V.Ambatkar	FOGSI
Dr.SwadhaKotpalliwar	FOGSI

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

**Medical Education Training**

**Subspeciality training in National & International Institute of Prominence under eminent faculty.**

**Active participation in various conferences, workshops, CMEs.**

**To facilitate faculty for various fellowship programs, and PhD.**

**By conducting regular conference, workshop, CMEs, webinars and group discussions.**

**ACLS & BLS Programmes.**

28. Student projects

- Percentage of students who have taken up in-house projects including inter-departmental projects

Course wise - UG - ; PG -100%; Ph.D-100%

Course wise Students	Percentage
UG	1%
MD/MS	100%
Ph. D	100%

- Percentage of students doing projects in collaboration with other universities / industry / institute:

Nil

29. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows
- Students

	Names	Awards / recognitions
Faculty		
	Dr.D.Shrivastava	Senior Corion award. DrAmrendranath prize of MCH care, KumudTamaskar research prize, Late Dr.S.N. Malhotra award for rural services Best research paper faculty award.
	Dr.C.Hariharan	Late Dr.S.N. Malhotra award for rural services 2013 Best woman doctor award 2014 Best teacher award 2015 Outstanding achievement award
	Dr.S.A.Inamdar	Late Dr.S.N. Malhotra award for rural services Best paper presentation award of infertility, national conference
	Dr.Neema Acharya	Junior Corion award, National
	Dr.ArпитаJaiswal	Junior Corion award, National
	Dr.S.Samal	Outstanding achievement award 2016, institutional

Students		
	Dr.Tejal Vaidya	1 <sup>st</sup> prize in Quiz of menopause IMS Raipur,National, Feb 2017
	Dr. Tejalvaidya	Paper present on comparison of clomiphene vsclomipheneand metformin for ovulation induction in subfertile women with PCOS ,Jan 2017
	Dr.DeepikaDewani	Paper present on burden of hypertensive disorders in near miss cases at a rural tertiary health care center, AICOG, Ahmedabad , Jan 2017
	DrSomeraaj Sarkar	Paper present on hystroscopic evaluation in female infertility,AICOG Ahmedabad , Jan 2017
	DrAparajita Chawla	Poster present on incarcerated vaginal pessary, AICOG Ahmedabad, Jan 2017
	DrVirulShrivastav	PAPER PRESENT ON EFFECT OF EPIDURAL ANALGESIA ON DELIVERY AND PERINATAL OUTCOME, Jan 2017
	Dr.Monisha Singh	1st prize on paper presentation in topic of utrus in focus , Nagpur , Dec 2016
	Dr.TejalVaiday	Quiz 2016 IMS and NKPSIMS winner, Dec 2016
	DrTejal Vaidya	Paper Presentation, 1st Prize, Comparison Of Clomiphene Citrate Versus Clomiphene Citrate And Metformin Combination In Ovulation Induction For Subfertile Women Withpolycystic Ovarian Syndrome July 2016
	DR MONISHA SINGH	Poster Presentaion, 2nd Prize Hysterescopic Findings In Infertile Patients At Avbrh Wardha: A Reprospective Study , July 2016
	DR NIKITA GADAM	Poster Presentation, 1st Prize Analysis Of Infertility In Obese Women, July 2016
	Dr.JanhaviMukharya	3rd prize in poster competition in the national CME & Workshop infertility recent-updates Feb 2016
	Dr. Someraaj Sarkar	Indian menopause society conference at nagpur best prize in poster presentation . Feb 2016
	Dr. Tejal Vaidya	FOGSI- Mrs. IndumatiJhaveri Prize Jan 2016
	Dr. Aparajita Chawla	1st prize in poster competition in the national CME & Workshop infertility recent-updates , Jan 2016

	Dr. Virul Shrivastava	FOGSI- Mrs. Indumati Jhaveri Prize Jan 2016
	Dr. Trisha Naik	3rd Prize in Poster Competition in the National CME & Workshop on "Partogram & Its Advancement - A Maternal-Fetal Life Savior - The 3Ts Train - Teach Transfer" Sept 2015
	Dr. Deepika Dewani	1st Prize in Poster Competition on "Evidence of Chlamydia as an Etiological Factor in Tubal Causes of Infertility in Central Rural India" at 3rd Live Gynaecological Laparoscopic Surgery Conference July 2015
	Dr. Deepika Dewani	3rd Prize in Quantum 2015 for PG Oral Presentation on "Evidence of Chlamydia as an etiological factor in tubal cases of infertility" Feb 2015
	Dr. Kalyani Mahajan	1st Prize, Poster Presentation, CME And Workshop On Fertility Enhancing Endoscopy Sep 2014
	Dr. Kalyani Mahajan	4th Prize, Quiz Competition, West Zone Yuva FOGSI, Nashik Sept 2014
	Dr. Kalyani Mahajan	2nd prize, CME, SEWAGRAM March 2014

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Seminars/Conferences/Workshops	Funding - National/International	Outstanding Participant
6 <sup>th</sup> January 2013, Adolescent Health	National	Dr Deepankar Banerjee Dr Anu Vij
10 <sup>th</sup> February 2013, Ivf Update	National	Dr. Narendra Malhotra
28 <sup>th</sup> March 2014 Caesarean Section	National	Dr C.N Purandare
24 <sup>th</sup> April 2014 Pelvic Anatomy Revisited:	National	Dr. Shama Kedar, Dr Shilpi Sood
22 <sup>nd</sup> To 23 <sup>rd</sup> August 2014 Dr K.K Deshmukh CME On Infertility And Workshop On Fertility Enhancing Endoscopy	National	Dr Milind Shah

6 <sup>th</sup> April 2015 Update On prevention And Management Of Birth Asphyxia	National	Dr Anakash Bang Dr Hitish Bhat
1 <sup>st</sup> August 2015 Dr K. K. Deshmukh Cme On Update On Prevention, Diagnosis And Management Of carcinoma Cervix , Workshop On Colposcopy And Shri Datta Meghe Oration	National	Dr . Nozer Sheriar Dr Maya Lullah
1st October 2016 Optimizing Pph Management	National	Dr Suvarna Khalidkar Dr Anoradha Ridodkar

**31. Code of ethics for research followed by the departments**

**Yes , All research Projects are undertaken as per the guidelines of departmental research committee, Institutional Ethics Committee, Animal Ethical Committee, Scientific Scrutiny Committee for clinical trial, after due approvals.**

**32. Student profile program-wise :**

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	As Per NEET	87	113	89%	97.35%
PG	As Per NEET	1	8	--	--
DGO	As Per NEET	0	3	--	--

**33. Diversity of students**

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG	100	33.95	51.00	15.05
PG	48	15	37	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. : **117 Students**

35. Student Progression :

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	<b>53%</b>
PG to M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>3%</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campus selection	<b>24%</b>
• Other than campusrecruitment	<b>7%</b>
Entrepreneurs	<b>12%</b>

33. Diversity of staff

<b>Percentage of faculty who are graduates of the same university</b>	
of the same university	<b>17.3%</b>
from other universities within the State	56.5%
from universities from other States	26%
from universities outside the country	0

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period : 2

<b>Name of the Faculty</b>	<b>Awarded with</b> M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt.
<b>Dr. Deepti Shrivastava</b>	<b>PhD</b>
<b>Dr.S.Jajoo</b>	<b>PhD</b>

38. Present details of departmental infrastructural facilities with regard to

- Library : **Yes**
- Internet facilities for staff and students : **Yes**
- Total number of class rooms : **5 (Dept)**
- Class rooms with ICT facility and 'smart' class rooms : **01**
- Students' laboratories : **01**
- Research laboratories : **01**

39. List of doctoral, Post doctoral and Research Associates

- a) from the host institution/university
- b) from other institutions/universities

	Doctoral Students
from the host institution/university	1-Dr. Neema Acharya 2-Dr. Arpita Jaiswal

40. Number of post graduate students getting financial assistance from the university.  
Research Grants list – Last four years

Name of the Student	Financial Assistance Amount from university. Research Grants
Dr. Priyakshi Choudhry	25,000 /-
Dr. Deepika Dewani	25,000 /
Dr. Virul Shrivastava	25,000 /
Dr. Tejal Vaidya	25,000 /
Dr. Pallavi Nikhar	25,000 /
Dr. Aparajita Chawla	25,000 /

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

**Yes, need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for**



**modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis, user analysis and work analysis**

42. Does the department obtain feedback from

- a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? :

**Yes, The Feedback from faculties are utilized for development, designing and updation of curriculum and syllabus.**

- b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? :

**Yes, The Feedback from students are utilized for improvement of performance of the staff and updation of curriculum.**

- c) Alumni and employers on the programs offered and how does the department utilize the feedback? :

**Yes, The Feedback from them are utilized for identification of needs for development, designing and updation of curriculum and syllabus.**

43. List the distinguished alumni of the department (maximum 10)

Name of the distinguished alumni	Presently Working as
Dr. Manojchellani	Director, Ayush fertility centre, Raipur , CG
Dr. Niharika Malhotra	Consultant Rainbow Hospital, Agra, UP
Dr. PrabjotUbeja	Consultant OBGY, Australia
Dr. SanjanaKhemka	Fellow student in Infertility, Barcelona, Australia
Dr. NehaJha	Director at Satvik hospital, Dhanbad, Jharkhand
Dr.Keshav Malhotra	Ex fellow embryology Monash university, Australia
Dr. KanikaKalyani	Consultant at Indira IVF centre, Bangalore
Dr. RinoyShridharan	Consultant endoscopic surgery Indira IVF centre, Bangalore
Dr. DipikaSood	Consultant ObGy at KokilabenAmbani hospital, Mumbai
Dr. AmoghChimote	Consultant Endoscopist Indira IVF centre, Nagpur

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts. : **CME / Guest lectures /seminars conducted periodically**

**Table 3 : CME**

**CME / WORKSHOP REPORT**

<b>Date</b>	<b>Topic of CME / WORKSHOP</b>	<b>Speakers</b>	<b>Topic</b>
21 <sup>st</sup> July 2013	CME ON INFERTILITY ALONG WITH VIDARBHA CHAPTER OF IFS  Dept. of OBGY , DSOGS JNMC, Sawangi (Meghe), Wardha.	Dr. N.Chimote  MsBindu Mehta  Dr. ArpitaJaiswal  Dr. Rita  Dr. DarshanaPawar	Day 2/3 embryo transfer  Basics of semen analysis  Anovulation  Folliculometry  Minimal stimulation protocol

<b>Date</b>	<b>Topic of CME / WORKSHOP</b>	<b>Speakers</b>	<b>Topic</b>
22-23 August 2014	UPDATE ON PREVENTION, MANAGEMENT AND MEDICOLEGAL ASPECTS OF BIRTH ASPHYXIA	DR JAYANT VAGHA  DR ARPITA JAISWAL:  DR NEEMA ACHARYA:  DR TUSHAR JAGZAPE  – DR AKASH BANG(MGIMS SEVAGRAM)  DR HITESH BHATT (FOGSI,MUMBAI)  ALL FACULTY MEMBERS	BIRTH ASPHYXIA – AN OVERVIEW  INTRAPARTUM FETAL MONITORING  OBSTETRICIAN ROLE IN PREVENTING BIRTH ASPHYXIA  PATHOPHYSIOLOGY OF HIE: DO’S AND DON’TS FOR POSTGRADUATES OF OBSTETRICIAN AND PAEDIATRICS  (HANDS ON SESSION OF NR ON MANNIKIN) BASIC NRP FOR OBSTETRIC POSTGRADUATE  - MEDICOLEGAL ASPECTS OF BIRTH ASPHYXIA:  PANEL DISSCUSION,



Date	Topic of CME / WORKSHOP	Speakers	Topic
1 <sup>st</sup> October 2016	Dr.K.K.Deshmukh CME & live workshop on surgical management of PPH	Dr.Surekha Tayade Dr. Poonam Verma Dr. Sneha Bhoyar Dr. Neema Acharya Dr. Anuradha Ridhorkar Dr. Chaitanya Shembekar Dr. Suvarna Khadikar (FOGSI)	Role of colour Doppler in High Risk Pregnancy PPH management and live drill Decision making in PIH Hepatitis in pregnancy Eclampsia management and drill Immunological factors in recurrent pregnancy loss Shri DattaMeghe Oration Topic : Conquering PPH- A Challenge

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

**ITP, PBL , OSCE /OMP/ Mini CEX ,Simulations, virtual learningsurgical anatomy.**

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored ?

**Through Marker point analysis in AcAP , Log book ; Student Feedbacks and Formative assessments.**

47. Highlight the participation of students and faculty in extension activities.
- **Camps at Rural Places.**
  - **Community leadership Program- 40 plus clinic**
  - **Participating in SNGO Project**
  - **Adolescent health education through school activities,**
  - **Awareness against female foeticide with NGO and Clubs such as Lion club, Narishaktimandal and Maheshwarimahilamandal,**
  - **Integrated health team incorporating physician surgeon paedtrician.**
  - **Celebrating the Health Days.**
  - **Mobile cancer screening services with ROTARY CLUB**

48. Give details of “beyond syllabus scholarly activities” of the department.

**Electives/ student exchange/ Conferences /Quizes/Debate village and community experiences / telemedicine / IPR / Academic sessions like CME ,GUEST LECTURES , with FOGSI /ICOG Faculty.**

49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details.

**ISO-9001-2008**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

**Following successful outcomes of research projects were utilized for making new protocols –**

- **Second trimester abortion,**
- **Painless labour,**
- **PRP usage in infertility**
- **Mechanical dialatation for cervical ripening preinduction of labour**
- **Imn cervical ripening preinduction of labour**
- **Mifepristone for cervical ripening**

51. Detail **five major** Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

<b>Strength</b>	<b>Weakness</b>	<b>Opportunities</b>	<b>Challenges</b>
<p>Providing high quality Basic UG/PG training in OBGY</p> <p>Providing fellowship courses in advanced OBGY(Endoscopy/Infertility)</p> <p>Providing PhD courses in OBGY</p> <p>Qualified highly trained experienced faculty</p>	<p>Lacking in international and National grant for research</p> <p>Low extramural and low Impact Factor research.</p> <p>Low academic output in terms of books monographs</p>	<p>Certificate courses in painless labour, Infertility And Endoscopy</p> <p>Providing training courses in technical aspects of Endoscopy And Infertility(IVF),Embr yology</p> <p>Training courses for peripheral health workers for MCH care.</p>	<p>To get more govt/national/international grant for projects,and training programmes.</p> <p>Faculty motivation for improving research and publication quality (high impact factor)</p> <p>Publication in high impact journal</p> <p>Publishing more books</p>
<p>Giving specialized services learning opportunities painless labor, IVF, ICSI, IMSI, Endoscopy, and adequate infrastructure.</p> <p>License for genetic lab</p> <p>Highly specialized radiology services available.</p>	<p>Lack of clinical trials</p>	<p>Providing Interdisciplinary high risk obstetrics care</p> <p>Advanced care in Infertility and Endoscopy</p> <p>Establishing Genetic /Stem cell lab</p> <p>Establishing fetal medicine/therapy unit.</p>	<p>To get more clinical trial</p> <p>Upgradation and maintenance of resources for speciality care</p>
<p>Administrative and infrastructure support</p>			<p>Retention of junior faculty</p>

Good reviewing and audit process			To get more patient recruited through policies aided by govt.
----------------------------------	--	--	---

52. Future plans of the department.

<ul style="list-style-type: none"> <li>• Strengthening of current academic programme as per stakeholders(Ug/Pg Students) through Electives -choice based / academic -books , library, clinics ,learning methods</li> </ul> <p>To start training courses in technical aspects of Endoscopy And Infertility(IVF),Embryology</p> <p>To develop department skill lab</p>
<p>To develop the department into centre of excellence with following objectives,</p> <ol style="list-style-type: none"> <li>1) To develop interdisciplinary high risk obstetrics care unit.</li> <li>2) Upgradation of resources in terms of manpower and equipment in Infertility And Endoscopy Units</li> <li>3) Establishing fetal medicine/therapy unit.</li> <li>4) Establishing oncology unit With radiotherapy unit</li> </ol>
<p>Developing partnership with national and international institutes for getting mentorship /guidance and stewardship</p> <p>Research projects and publication focused on emerging areas of medicine .</p> <p>Encouraging academic writing(books,monographs), patent and copyright.</p>
<ul style="list-style-type: none"> <li>• Providing recreational facilities like departmental canteen,media for staff and students</li> </ul>



## Evaluative Report of the Department

1. Name of the Department : **Pediatrics**
2. Year of establishment : **1990**
3. Is the Department part of a college/  
Faculty of the university? : **Part of college**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D.,  
Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty  
fellowship, etc.):
  - UG : MBBS;**
  - PG : MD Pediatrics, DCH,  
Ph.D.**
  - Fellowship : Fellowship In Neonatology,**
5. Interdisciplinary programs and departments involved:
 

**Smile Train Programme , Programme in collaboration with Sharad Pawar  
Dental College, Departments involved : Oral and Maxillofacial Surgery,  
Pediatrics, Anesthesia,**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:  
01
7. Details of programs discontinued, if any, with reasons:
 

**Nil**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:
 

**Annual PG  
Semester UG  
Choice Based Credit System Fellowship**
9. Participation of the department in the courses offered by other departments:
 

**Dept of ObGy., Classes on Neonatology.**
10. Number of teaching posts sanctioned, filled and actual  
(Professors/Associate Professors/Asst.Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	04
Associate Professor/Reader	07	05	05
Assistant Professor	04	04	04
Senior Resident	06	04	06

11. Faculty profile with name, qualification, designation, area of specialization, experience and

research underguidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr Jayant Vagha	MBBS,MD	HOD & Professor	Pediatric Education	23yrs
Dr Amar Taksande	MBBS,MD	Professor	Pediatric Cardiology	16yrs
Dr Keerti Swarnakar	MBBS,MD	Professor	Neonatology	11yrs
Dr Sachin Damke	MBBS,MD	Associate Professor	Pediatric Education	11yrs
Dr Rajendra Borkar	MBBS,MD	Associate Professor	Medico-Legal issues	15yrs
Dr PramodSanghavi	MBBS,DCH, DNB	Associate Professor	Pediatric Intensive Care	19yrs
Dr Anjali Kher	MBBS,MD	Associate Professor	Pediatric Education	11yrs
Dr .AshishVarma	MBBS,MD	Associate Professor	Neonatology	9yrs
Dr. R.J. Meshram	MBBS,MD	Associate Professor	Pediatric Intensive Care	9yrs
Dr.Nilesh Darvhekar	MBBS,MD	Assistant Professor	Pediatric Intensive Care	8yrs
Dr.Sham Lohiya	MBBS,DCH, DNB	Assistant Professor	Pediatric Intensive care	6yrs
Dr.Jeevan Kinkar	MBBS,MD	Assistant Professor	Pediatric Gastroenterology	4yrs
Dr.Amol Lohkare	MBBS,DCH	Senior Resident	-	15yrs
Dr.Ganesh Motwani	MBBS,DCH, DNB	Senior Resident	-	04yrs
Dr.Rupali Salve	MBBS,DCH	Senior Resident		07yrs
Dr.Umesh Gupta	MBBS,DCH	Senior Resident		04yrs
Dr.Aashay Nitnaware	MBBS,DCH	Senior Resident		03yrs
Dr.Shantanu Gomase	MBBS,DNB	Senior Resident		04yrs

12. List of senior Visiting Fellows, adjunct faculty, emeritusprofessors:

**Visiting Faculty, Dr. Yogesh Waikar, Pediatric Gastroenterology**

13. Percentage of classes taken by temporary faculty – program-wiseinformation:

**Classes per Semester**

14. Program-wise Student Teacher Ratio:

UG : 10:1  
 PG : 1:1  
 Fellowship : 2:1  
 Ph.D : 5:1

15. Number of academic support staff (technical) and administrative staff sanctioned, filled and actual

S.No.	Designation	Sanction	Filled	Actual
1	Technical Staff (Child Psychologist, health Educator, Tech.)	3	3	5
2	Administrative staff (Clerk, Steno, MSW, Attendant,)	4	4	4

16. Research thrust areas as recognized by major funding agencies:

**Maternal and Child Health**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.:

**02**

18. Inter-institutional collaborative projects and associated grants received: a) National collaboration b) International collaboration

Sr. No	Title of the Project / Trial	Name of Agency
01	Sick Newborns	US Aided, Harvard University
02	Smile Train	Smile Train Programme, USA

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

**ICMR Major Research Projects 2 70 lacs**

**ICMR STS, Undergraduate Projects : Till date 13 students have submitted 7 students have got ICMR, STS**

**UNICEF India – 10 lacs**

**Harvard University in Collaboration with department of Community Medicine**

20. Research facility / centre with

- State Recognition : **FBNC, IMNCI, NEONATAL RESUSCITATION PROGRAMME (SPONSORED BY IAP)**
- National Recognition : **Nil**
- International Recognition : **Nil**

21. Special research laboratories sponsored by / created by industry or corporate bodies:

Nil

22. Publications : **Total 89**

- Number of papers published in peer reviewed journals (National/International) - **15-Non Index-Journals 74-Index Journal**
- Monographs - **01**
- Chapters in Books -**12**
- Books edited - **Nil**
- Books with ISBN with details of publishers - **03**
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) - **Nil**
- Citation Index – Range / Average - 19.9
- SNIP - 1.04
- SJR - 0.27
- Impact Factor – Range / Average - 0.35
- h-Index - 12

23. Details of patents and income generated:

Nil

24. Areas of consultancy and income generated –

**FBNC, IMNCI, NRP, Medical Education**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

**Dr. Jayant Vagha, Dr. Sachin Damke:**  
**Basic and advance workshop of Faculty, Development by the MCI selected as National Faculty.**

26. Faculty serving in

- a) National Committees                      b) International Committees  
c) Editorial Boards                              d) Any Other (Specify)

Name of Faculty	National Committee	International Committee	Editorial Board
Dr. Jayant Vagha	IYCF Committee		<b>National Editor, NIJP, New Indian Journal Of Pediatrics</b>
Dr. Amar Taksande	IAE		Peer Reviewer of 10 Journals

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs):

- **Medical Education Training**
- **Subspeciality training in National & International Institute of Prominence under eminent faculty.**
- **Active participation in various conferences, workshops, CMEs. To facilitate faculty for various fellowship programs, and PhD.**
- **By conducting regular conference, workshop, CMEs, webinars and group discussions.**
- **ALS & BLS Programme.**

28. StudentProjects

- Percentageofstudentswhohavetakenupin-houseprojectsincludinginter-departmentalprojects

Course wise Students	Percentage
UG	30%
PG	100%
FELLOWSHIP	100%

- Percentageofstudentsdoingprojectsincollaborationwithotheruniversities/ industry / institute:

**Nil**

29. Awards / recognitions received at the national and international levelby

- **Faculty : More than 80 Guest lectures,Orations and TravelGrants**
- **Doctoral / Post DoctoralFellows : Nil**
- **Students : As Follows**
- **Dr. ShrutiKohli(2013) : Best Paper APPACON – International level**
- **Dr. Harish Agarwal(2013) : First prize WBW - local level**
- **Dr. Harish Agarwal(2013) : IAP Quiz- First runner up- Regional level**
- **Dr. Tanvi Khanna(2013) : CPCON - Regional level**
- **Dr. NishantYadav(2015) : First Runner-up PEDIGEN Quiz- National level**
- **Dr. Harish Agarwal(2014) : NAPCON Quiz – Regional level**
- **Dr. NitinChandrawanshi(2014) : First prize PAICON - National level**
- **Dr. SonalMirani(2014) : Second prize NCPID RAIPUR- Regional level**
- **Dr. Karan Gagneja(2015) : Best paper award – SRS – University level**
- **Dr. KrutikaKurahade(2016) : First Prize in debate - University level**
- **Dr. KrutikaKurahade (2016) : Best Young researcher award – International level**
- **Dr. GoliCharan : Best Paper award PAICON 2016**
- **Dr. UmeshBiyani : Best Paper award PAICON 2016**
- **Dr. SaiSujana : Best Poster award PAICON 2016**

30. Seminars/ Conferences/Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.

Sn	Topic	Funding Agency
01	Workshop on CAT/EBM/ Journal Club	Intramural Funding
02	Human Milk Banking	Intramural Funding
03	Neuroimaging in Paediatrics	Intramural Funding
04	Acute Flaccid Paralysis Surveillance	Intramural Funding
05	World Breastfeeding Weeks	Intramural Funding
06	World ORS Weeks	Intramural Funding
07	PAICON	Intramural Funding

31. Code of ethics for research followed by the departments:

**Yes, All research projects are undertaken as per the guidelines of Institutional Ethics Committee, Animal Ethics Committee, Scientific Scrutiny Committee for clinical trials, after due approvals.**

32. Student Profile Program-Wise : As Per Annexure

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	As Per NEET	87	113	89%	97.35%
PG	As Per NEET	04	03	100%	100%

33. Diversity of students

Name of the Program (refer to question no.4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MD PEDIATRICS	29	29	43	0
DCH	50	0	50	0
FELLOWSHIP IN NEONATOLOGY	100%			

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.:

**117 Students.**

35. Student progression

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	<b>53%</b>
PG to M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>3%</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
● Campusselection	<b>24%</b>
● Other than campus recruitment	<b>7%</b>
Entrepreneurs	<b>12%</b>

**36. Diversity of staff**

<b>Percentage of faculty who are graduates</b>	
of the same university	10%
from other universities within the State	75%
from universities from other States	15%
from universities outside the country	0%

**37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period**

<b>NAME OF THE FACULTY</b>	<b>AWARDED WITH M.Phil</b>
1. Dr Jayant Vagha	M.Phil (HPE)
2. Dr. Tushar Jagzape	M.Phil (HPE)
3. Dr Sachin Damke	M.Phil (HPE)
4. Dr Anjali Kher	M.Phil (HPE)

**38. Present details of departmental infrastructural facilities with regard to**

- Library : Available
- Internet facilities for staff and students : Available
- Total number of classrooms : 6
- Class rooms with ICT facility and 'smart' class rooms: 6
- Students' laboratories : Central Research Laboratory
- Research laboratories : Central Research Laboratory

**39. List of doctoral, post-doctoral students and Research Associates**

- From the host institution/university : Yes, 1

- From other institutions/universities : Yes,1

40. Number of post graduate students getting financial assistance from the university. :3

Name of Student	Financial Assistance Amount from University, Research Grants
1. Dr. Siddharth Kulkarni	25,000
2. Dr. Umesh Biyani	25,000
3. Dr. Sai Sujana	25,000

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

**Yes, need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis, user analysis and work analysis.**

42. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? :

**Yes, the department, through a questionnaire invokes a feedback from the departmental staff, undergraduate and post graduate students about modifications, deletions and addition in the curriculum. The feed back is studied, important suggestion taken into consideration and necessary amendments are done in the curriculum. 60 % weightage is given to this feedback.**

b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? :

**Yes, the department, through a questionnaire invokes a feedback from the departmental staff, undergraduate and post graduate students about modifications, deletions and addition in the curriculum. The feed back is studied, important suggestion taken into consideration and necessary amendments are done in the curriculum. 60 % weightage is given to this feedback.**

c) Alumni and employers on the programs offered and how does the department utilize the feedback? :

**Yes, the department, through a questionnaire invokes a feedback from the Alumni, about modifications, deletions and addition in the curriculum. The feed back is studied, important suggestion taken into consideration and**



necessary amendments are done in the curriculum. 30 % weightage is given to this feedback. Remaining 10% weightage is given to the feedback analysis received from the members of the Community.

43. List the distinguished alumni of the department (maximum 10)

Name of the Distinguished Alumnus	Presently Working As
1. Dr.Nilesh Gundawar	Consultant Pediatrician ,UAE
2. Dr.Saksham Shrivastav	Consultant Pediatrician, Lucknow
3. Dr.Sumit Thakur	Consultant Pediatrician in NTPC
4. Dr.Suvarna Phadnis	Pediatric Cardiologist
5. Dr. Ashish Varma	Associate Professor in Pediatrics
6. Dr. Nimish Khatri	Assistant Professor in Pediatrics
7. Dr.ShrutiKohli	Consultant Hemato oncologist at New Delhi
8. Dr. Harish Kumar	Pediatrics Geneticist
9. Dr.Aishwarya Jadhav	Consultant Hemato oncologist at Apollo , New Delhi
10. Dr.Ritika Khare	Pediatric Intensivist atNagpur

44. Give details of student enrichment programs (special lectures/workshops/seminar) involving external experts.:

#### **CME/ GUEST LECTURES/ SEMINARS**

Sn	Topic
01	Workshop on CAT/EBM/ Journal club
02	Human Milk Banking
03	Neuroimaging in Paediatrics
04	Acute Flaccid Paralysis Surveillance
05	World Breastfeeding Week
06	World ORS week
07	PAICON

**Guest Lectures on various issues in paediatrics namely paediatric cardiology by Dr. Shashank Behere, Paediatric cardiology; paediatric gastro-enterology by Dr. Yogesh Waikar, AFP surveillance by Dr. Thosar; Paediatric hematology oncology Dr. Lalit Raut.**

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.:

- **ITP,**
  - **PBL,**
  - **OSCE,**
  - **OMP,**
  - **MINI CEX,**
  - **SIMULATIONS,**
  - **VIRTUAL LEARNINGS ETC.**
- FOR POSTGRADUATES :
- **Clustered short case presentations**
  - **Syndicate longcases**
  - **O.M.P.**
  - **Case discussions with superspecialists**
  - **Celebrations of days and weeks**
  - **Quiz**
  - **Mini-CEX**

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

**AAP: Student Feedbacks and Formative Assessments; Logbook, Multiple Source Feedback**

47. Highlight the participation of students and faculty in extension activities:

**CAMPS, NSS, INTEGRATED HEALTH TEAM ETC**

**Various Routine camps+ Multispecialty camps , Health awareness programme related to child health WBW, WORS week , Healthy baby contests , Guest lectures, Radio talks on MGIRI Wardha**

<b>Days</b>	<b>Place</b>
Every Tuesday	Seloo
Every Wednesday	Pulgaon
Every Friday	Deoli 2 <sup>nd</sup> & 4 <sup>th</sup>
	Deoli 1 <sup>st</sup> & 3 <sup>rd</sup>
4 <sup>th</sup> Monday	Nachangaon
4 <sup>th</sup> Thursday	Pimpalkhuta
4 <sup>th</sup> Wednesday	Dahegaon
1 <sup>st</sup> & 3 <sup>rd</sup> Thursday	Arvi

48. Give details of “beyond syllabus scholarly activities” of the department.:

- **Yuga Scheme (Young Undergraduates as Administrators) Snakes And Ladders for Child Health,**
- **Project on Nutrition**
- **Project on Mosquito Borne Diseases Project on Hand Washing Techniques Project on Complimentary Foods**

- **World Breast Feeding Week celebration World ORS Week celebration**
- **Quiz, Radio Talks**

49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details.

**ISO 9001, NODAL CENTRE FOR FBNC, IMNCI**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. :

- **Research outcomes,**
- **Departmental group discussions on newly emerging trends their applications in patient care and research,**
- **Innovations in PGteaching**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths	Weakness	Opportunities	Challenges
Staff with additional qualification	Aptitude towards research is suboptimal	Fellowship in NICU & PICU	Augmentation of research collaborations
Trained Personnel in Medical Education	Lack of quality collaborations	Fellowship in Communication skill	Getting more funding Projects
Faculty on Editorial Board		A complete volume of NIJP on Paediatric education	Augmentation of internet and Wifi facilities
Dept. is Nodal centre for FBNC, IMNCI, AFP SURVEILLANCE, NRP AAP & NRP Trained Post graduates		Consultancy Amendments in the protocols	
Protocol based Intensive Care		A book on JNMC protocols on Pediatrics and Neonatal Intensive Care	

Trained personnel in Medical Education. 3 M.Phils 2 FAIMER fellows. Expertise in training of teachers, capacity building, FDP with regards to UG-PG teaching			
---	--	--	--

<p style="text-align: center;">Dedicated Staff with additional qualifications in Intensive Care, Neonatology and Protocol based Intensive Care.</p>		<p style="text-align: center;">3 chapters in the authentic book series 'Recent Advances in Pediatrics' Book titled 'JNMC Protocols for Pediatric and Neonatal Intensive Care'. Fellowship in Pediatric Intensive Care, Hematology, Communication skills</p>	
---	--	---	--

52. Future plans of the department

**FIRST YEAR :**

- 1) Additional purchase of Text books, reference books, Monographs, and books related to specialty.
- 2) Additional Subscription of Indian and Foreign Journals related to Pediatrics and its related branches.
- 3) Upgradation of-
  - a) NICU
  - b) PICU
- 4) Registered sickle cell trust

**SECOND YEAR :**

- 1) Additional purchase of Text books, Reference Books, Monographs, and books related to specialty.
- 2) Additional Subscription of Indian and Foreign Journals related to Pediatrics and its related branches.
- 3) Further upgradation of-
  - a) PICU -20 Bedded
  - b) NICU 20 Bedded
- 4) Establishment of Human Milk Bank..

**THIRD YEAR :**

- 1) Additional purchase of Text books, reference books, Monographs, and books related to specialty.
- 2) Additional Subscription of Indian and Foreign Journals related to Pediatrics .and its related branches.
- 3) Further up gradation of-
  - a) PICU
  - b) NICU
- 4) Fellowship in Pediatrics Intensive care.

-----

## EVALUATIVE REPORT OF THE DEPARTMENT

1. Name of the Department **Cardio Vascular & Thoracic Surgery.**
2. Year of establishment : **01.08.2009.**
3. Is the Department part of a college/Faculty of the university? : **Part of college**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.) : **M.Ch.**

**UG: MBBS ; PG : MD/MS ; Fellowship ; Ph.D ; PG Diploma ;Certificate**

5. Interdisciplinary programs and departments involved : **Nil**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:- **Nil**
7. Details of programs discontinued, if any, with reasons : **Nil**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System :- **Annual**
9. Participation of the department in the courses offered by other departments:- **Lectures for UG(MBBS) , for Subject of CVTS.**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
Professor	01	01	00
Associate Professor/Reader	01	01	00
Assistant Professor	01	01	00
Lecturer	--	--	--
Tutor / Clinical Instructor	--	--	--
Senior Resident	01	01	00

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Sachin Kuthe	M.Ch (CVTS)	Prof. & Head	CVTS	12 yrs.
Dr. Anurag Vidhale	M.Ch (CVTS)	Associate Prof	CVTS	8 yrs
Dr. Swapnil Deshpande	M.Ch (CVTS)	Asst. Prof.	CVTS	4yrs 11 month
Dr. Ranjana Lanjewar	M.Ch (CVTS)	Sr. Resident	CVTS	3 yrs 11 month

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors :- **Nil**

Name of the Faculty	Type
	Visiting Fellows, adjunct faculty, emeritus professors
Dr Anil Patwardha	Adjunct Professor
Dr Jayant Khandekar	Visiting Professor

13. Percentage of classes taken by temporary faculty – program-wise information  
**Nil**

14. Program-wise Student Teacher Ratio

Courses	Ratio
UG /Fellowship/ Diploma(CPB-perfusion)	2:1
PG (MCh)	1:1
Ph.D	00

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :

Sr.No.	Designation	Sanction	Filled	Actual
1	Technical Staff (Tech)	5	19	19
2	Administrative staff (Storekeeper, Steno, Record Clerk)	6	8	8

16. Research thrust areas as recognized by major funding agencies  
**Eg: Maternal health , child health ,Hospital Acquired Infection , Morbidity in Trauma , Regenerative Medicine  
ICCU infection, Congenital Heart Disease, Devices for Cardio respiratory support before surgery, 3D Transoesophageal and Echocardiography,  
Counseling of heart disease patients etc**
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. **(4 years) : - Nil**
18. Inter-institutional collaborative projects and associated grants received :- **Nil**  
a) National collaboration b) International collaboration
19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **Nil**
- Only Extra murals**
20. Research facility / centre with ( **including national programs etc**) :- **Nil**  
ÿ state recognition  
ÿ national recognition  
ÿ international recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies :- **Nil**

22. Publications: -
- \* Number of papers published in peer reviewed journals (national / international) : 17
  - \* Monographs : -**Nil**
  - \* Chapters in Books : **01**
  - \* Books edited :- **Nil**
  - \* Books with ISBN with details of publishers :- **Nil**
  - \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) :- **Nil**
  - \* Citation Index – range / average 7.3
  - \* SNIP 0.95
  - \* SJR 1.1
  - \* Impact Factor – range / average 0.7
  - \* h-index : 07

### **Research Cell**

23. Details of patents and income generated :-**Nil**  
Including Copy right ( if Free application than to be mentioned so)
24. Areas of consultancy and income generated:- **Nil**  
**Awareness/educations/ workshops/ National bodies / AHA /Clinical trials etc**
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :**Nil**  
**Observerships/ fellowships/ professorships etc.**
26. Faculty serving in
- a) National committees
  - b) International committees
  - c) Editorial Boards
  - d) any other (specify) :- **Nil**



27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

- **Medical Education Training**
- **Subspeciality training in National & International Institute of Prominence under eminent faculty.**
- **Active participation in various conferences, workshops, CMEs. To facilitate faculty for various fellowship programs, and PhD.**
- **By conducting regular conference, workshop, CMEs, webinars and group discussions.**

28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects

Course wise - UG - ; PG -100% ; Ph.D-100%

Course wise Students	Percentage
UG	
MD/MS/Mch	100%
Ph. D	

ÿ percentage of students doing projects in collaboration with other universities / industry / institute : **Nil**

29. Awards / recognitions received at the national and international level by : **Yes**

ÿ Faculty

ÿ Doctoral / post doctoral fellows

ÿ Students

4 years - number and names.

	<b>Names</b>	<b>Awards / recognitions</b>
Faculty	Dr. Anil Patwardhan	Life Time Achievement award by IACTS conference.2013 Mumbai & Dr. C.S. Sadasivan Oration of the Indian Association of Cardiovascular Thoracic Surgeons, 2013

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.: **Yes**

<b>Seminars/ Conferences/ Workshops</b>	<b>Funding -National/ International</b>	<b>Outstanding Participant</b>
IACTS-2013 Mumbai,	Dr. C.S. Sadasivan Oration of the Indian Association of Cardiovascular Thoracic Surgeons, 2013, National	Dr. Anil M. Patwardhan
IACTS-2013 Mumbai,	Paper presentation , National	Dr. Imran Ali Khan
JNMC,Sawangi (M) Aug.2013	Minimally invasive surgery (CVTS) 3 days workshop	Dr. Anil M. Patwardhan Dr. Anand Sancheti
CME 2014	IMA, Nagpur., National	Dr. Imran Ali Khan

31. Code of ethics for research followed by the departments

**Yes, all research Projects are undertaken as per the guidelines of Institutional Ethics Committee, Scientific Scrutiny Committee for clinical trial, after due approvals.**

32. Student profile program-wise :

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MCh	4	01	01	100%	100%

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
Mch	00	100%	00	00

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. **Nil**

35. Student progression : **NA**

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	
PG to M.Phil, DM / M Ch / DNB	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	
● Campus selection	
● Other than campus recruitment	
Entrepreneurs	

36. Diversity of staff :-

<b>Percentage of faculty who are post Graduate</b>	
Of the same university	--
From other universities within the state	03
From universities from other states	--
From universities outside the country	<b>Nil</b>

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period : **4 years 2013 onwards**

<b>Name of the Faculty</b>	<b>Awarded with</b>
	M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt.
<b>Dr. Imran Ali Khan</b>	<b>MCh -2015</b>
<b>Dr. Ranjana Lanjewar</b>	<b>MCh -2016</b>

38. Present details of departmental infrastructural facilities with regard to
- a) Library :- Departmental Library **121 books, Journal -10, E-Book 47**
  - b) Internet facilities for staff and students :- **Yes**
  - c) Total number of class rooms ;- **01 Seminar Room**
  - d) Class rooms with ICT facility and 'smart' class rooms :- **Yes**
  - e) Students' laboratories :- **In ICU**
  - f) Research laboratories :- **Central Research Lab.**

39. List of doctoral, Post doctoral and Research Associates
- from the host institution/university
  - from other institutions/universities
40. Number of post graduate students getting financial assistance from the university.  
Research Grants list: **Nil**
41. Was any need assessment exercise undertaken before the development of new program(s) ? If so, highlight the methodology. **Yes**  
Need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis ,user analysis and work analysis
42. Does the department obtain feedback from
- Curriculum development exercise was done for MCh, Feedback from faculty, alumni and student was taken.**
- faculty on curriculum as well as teaching-learning-evaluation? **If yes, Curriculum modified.**
  - students on staff, curriculum and teaching-learning-evaluation. :- **Yes, PBL case scenario.**
  - alumni and employers on the programs offered and how does the department utilize the feedback ? :- **Yes, Lectures, advances in case management were included and discussed.**
43. List the distinguished alumni of the department (maximum 10)

Name of the distinguished alumni	Presently Working as Director
Dr. Anand Sancheti	Newera Superspeciality Hospital, Nagpur.

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts. : **CME / Guest lectures /seminars :- Yes August 2013**
- Paper presentation 2013** - IACTS- Mumbai, Dr. Imran Ali Khan
  - Workshop August 2013** - Minimally invasive surgery (CVTS) 3 days workshop,.
  - CME 2014** - IMA, Nagpur., National, Dr. N K Deshmukh, Dr. Ananad sancheti.

45. List the teaching methods adopted by the faculty for different programs including clinical teaching. **ITP, PBL , OSCE /OMP/ Mini CEX ,Simulations, virtual learnings etc :Yes**
46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored ?  
**AcAP ; Student Feedbacks and Formative assessments.**
47. Highlight the participation of students and faculty in extension activities. **Nil Camps , NSS , Integrated health team etc**
48. Give details of “beyond syllabus scholarly activities” of the department. **Yes Electives/ student exchange/ Conferences /Quizes/ village and community experiences / telemedicine / IPR**
- **Conferences, Workshop and CME as faculty, chair person and delegate.**
49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details. :- **Yes External quality control / ISO / any national / international body**
- **ISO Accredited**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. : **Nil New Practices based on research findings /copyright / ICT based /clinical applications/innovations. ( bed to lab and lab to bed)**
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.  
**Academics-courses - creation , TL, evaluation / Infrastructure- ICT incorporations / Manpower / Facilities / Specialised Services / Researches / Grants / Processes - autonomy /Students involvements /exchanges etc**

<b>Strength</b>	<b>Weakness</b>	<b>Opportunities</b>	<b>Challenges</b>
<b>MCh</b>		<b>good job in CVTS Surgery ICU management in teaching institute, in corporate hospitals in country and outside country</b>	<b>Increasing no of publication</b>

<b>PhD courses</b>	<b>No MOU</b>	<b>Can work in organ transplant unit.</b>	
<b>Experienced dedicated staff ready to accept challegess</b>	<b>No Funding from external agencies</b>	<b>Can work is disaster management program.</b>	<b>Getting expertise in Minimally invasive Surgery (MIS)</b>
<b>Adequate and varied work.</b>		<b>Cath. Lab Training</b>	<b>Anaesthesia for Cardiac MRI in paediatric cases</b>
<b>Good surgical outcome due to 24x7 care in post operative peroid</b>			<b>ECMO management in critical ill patients</b>
			<b>Cardiac surgerys under regional anaesthesia</b>

52. Future plans of the department.

**Courses - New / Strengthening / Student friendly environment- electives -choice based / academic -books , library , Resources labs, clinics ,learning methods  
Faculty empowerments and developments /  
Development in emerging areas of medicine/ research thrust areas /  
Research grants -citations , high impact publications and finances generations  
Societal benefits.**



## **FUTURE PLANS OF DEPARTMENT OF CVTS (Future plans)**

Department of CVTS & Cardiac Anaesthesia are working as Team for success of cardiac surgical patient. The present faculty is experienced qualified and competent in terms of statutory requirement of apical council, but is deficient in total no of faculties. One Associate professor is defficient. One assistant professor is available and one senior resident.

The department has been recogned from MCI for Mch(CVTS) since Aug 2015. The faculties and residents are experienced and dedicated in providing required skill in adult and paediatric and neonatal complex surgeries. They are also providing services in cath lab procedure .HOD has been a faculty in AIIMS New Delhi.

Facultis of Department has participated in various national and state level workshop as chairpersons.

Our Mch student was the first one in cetral India to be awarded Mch degree in 2015 from a MCI recognized Vidarbha center and now well placed as a faculty in our department. Second Student is a senior resident.

Adult and paediatric Transoesophageal and Trans thoracic echocardiography machine is newly installed with department. Learning modules for TEE has been introduced in curriculum for residents. Are encouraged to attend workshops on echocardiography.

Entropy – Neurological monitoring equipment is also be used.

Learning resources material in available with department.

The department is well equipped, and has two modern operation theatres, a 8 bedded post op ICU, 20 bedded indoor ward and PAC OPD. There is facility for office. Departmental library, seminar rooms and demonstration rooms which are ICT enabled. Till now department has conducted surgery on 2000 cardiac cases.

The department is keenly involved in updating the knowledge of all stakeholders and keeps itself abreast with recent advances by organizing and actively participating in the conferences, CMEs, Seminars and workshops.

Till date we have 06 publication of faculties in versus journals

Future plan for next five years we want to develop our department as 1) Nodal training center. 2) development of state of art Neonatal and paediatric cardiac surgical unit. 3) procure and upgrade operation theaters for cardiac transplant surgery. 4)We are also looking forward in development of new hybrid operation theatre to perform cath lab procedure and surgical procedure under one roof. 5) we want to increase national level adjunct faculties and MOU with renowned centers.

## Publication :-

Sr. No.	Title	Authors	Year	Name of the Journal
1	USE OF MODIFIED MAZE PROCEDURE FOR CHRONIC ATRIAL FIBRILLATION IN A RURAL SETUP	Aseem Pawar, Anand Sancheti, AM Patwardhan, Snigdha Singh	2012	JDMIMSUU Vol. 7 No. 3, 2012
2	MANAGING THE HEART VALVE PATIENT "HOW I DO IT AND CHAPTER TITLE - "HOW WE MANAGE CONCOMITANT AF IN PATIENTS UNDERGOING MITRAL VALVE SURGERY	Dr. A. M. Patwardhan	Nov. 2013	CHAPTER
3	BACOPA MONNIERA HERB AS AN ANTIOXIDANT IN REDUCING LIPID PEROXIDATION LEVELS IN CULTURED HUMAN ENDOTHELIAL CELLS	Almelkar, S. I., Divate, S. Patwardhan A. M.	2013	Journal of Cell and Tissue Research Vol. 13(1) 3549-3556 (2013)
4	AN UPDATE ON CONCOMITANT MODIFIED MAZE-III PROCEDURE FOR ATRIALFIBRILLATION IN PATIENTS OF RHEUMATIC MITRAL VALVE DISEASE UNDERGOING MITRAL VALVE REPLACEMENT IN A RURAL CARDIAC SURGERY CENTER	Imranali M. Khan, Anand Sancheti, Snigdha Paddalwar, Suhas A. Potwar , A. M. Patwardhan, Samir Gyaneshwar Marghade, Maneesha Anil Patwardhan	2013	JDMIMSUU Vol. 8 No. 2, 2013
5	DOUBLE PATCH FLAP VALVE CLOSURE OF VENTRICULAR SEPTAL DEFECTS IN CHILDREN WITH PULMONARY ARTERY HYPERTENSION	Aseem Pawar, A. M. Patwardhan, Anand Sancheti, Snigdha Singh	2013	JDMIMSUU Vol. 8 No. 1, 2013
6	A RARE CASE OF COR TRIATRIATUM- A DIAGNOSTIC AND SURGICAL CHALLENGE	Aseem Pawar, A. M. Patwardhan, Anand Sancheti	2013	JDMIMSUU Vol. 8 No. 1, 2013
7	RE-ENDOTHELIALIZATION OF BIOLOGICAL TISSUE-ENGINEERED CONDUITS AND SCAFFOLD FOR ITS POTENTIAL USE IN BIOPROSTHESIS	S I Almelkar, S S Kadam, S Divate, A Chaukar, RR Bhonde, AM Patwardhan	2013	OA Tissue Engineering 2013
8	BUZZING THE MAZE - THE JOURNEY	Anil Madhav Patwardhan	2013	Indian J Thorac Cardiovasc Surg DOI 10.1007/s12055-013-0227-z
9	ABERRANT RIGHT VERTEBRAL ARTERY FROM DESCENDING THORACIC AORTA	Shivaprasad Babu Mukkannavar, Sachin Anant Kuthe Anand Kumar Mishar Manoj Kumar Rohit	2013	The society of thoracic Surgeons

10	FIBRIN MATRIX SUPPORTS ENDOTHELIAL CELL ADHESION AND MIGRATION IN CULTURE	S.I. Almelkar , A.M. Patwardhan, S A Divate, N.B. Agrawal, R.R. Bhonde, A.P. Chaukar	2014	OA Biology 2014 Mar 14;2(1):5.
11	MODIFIED RADIAL V/S BIATRIAL MAZE FOR ATRIAL FIBRILLATION IN RHEUMATIC VALVULAR HEART SURGERY	Sajid A. Sayed, Ashish Katewa, Vivek Srivastava , Sujit Jana, Anil M. Patwardhan.	2014	INDIAN Heart Journal 66(2014)51 0e516
12	PULMONARY OUTCOMES OF OFF- PUMP VS ON-PUMP CORONARY ARTERY BYPASS GRAFTING:A PROSPECTIVE RANDOMISED CONTROLLED STUDY	Sajid Sayed, Ashish Katewa, Nandkishore Agrawal, Sujit Jana, Kanak Nagle Anil Patwardhan	2014	Indian Journal Of Thoracic And Cardiovascular Surgery
13	THE DIAGNOSTIC SPECTRUM OF OPERATED CASES AT A CARDIAC SURGERY UNIT IN RURAL CENTRAL INDIA	Imran Khan, Anand Sancheti, Ranjana Lanjewar, Snigdha Paddalwar, Samir Marghade, Manish Sonkusale, Maneesha Patwardhan	2014	JDMIMSUU Vol. 9 No. 2, 2014
14	LEFT ATRIAL MYXOMA : CASE REPORTS AND ANAESTHETIC CONSIDERATION AT AVBRH SAWANGI (MEGHE) WARDHA, A TERTIARY CARE RURAL HOSPITAL	MH Nagrale, RA Deshpande, Anand Sancheti, Manish Sonkusale, Prasad Panbude, Samir Marghade	2014	JDMIMSUU Vol. 9 No. 4, 2014
15	LEFT ATRIAL MYXOMA, RUPTURED CHORDAE TENDINAE CAUSING MITRAL REGURGITATION AND CORONARY ARTERY DISEASE	Bhupesh Kumar, Ravi Raj, Aveek Jayant, Sachin Kuthe	2014	Annals of Cardiac Anaesthesia, Vol. 17:2
16	OSTIUM SECUNDUM ATRIAL SEPTAL DEFECT WITH LEFT PAPVC ( LT.VERTICAL VEIN): A CASE REPORT OF REPAIR USING PTFE GRAFT FROM VERTICAL VEIN TO LEFT ATRIAL APPENDAGE	Imranali M Khan Samir Marghade Ranjana Lanjewar	2017	JDMIMSUU 2017
17	EARLY COMPLICATIONS IN PATIENTS UNDERGOING MITRAL VALVE REPLACEMENT SURGERY : AN OBSERVATIONAL STUDY	Imran A. Khan	2017	Accepted JDMIMSU 2017, 7/17

## EVALUATIVE REPORT OF THE DEPARTMENT

1. Name of the Department : **Cardiac Anaesthesia.**
2. Year of establishment : **2012.**
3. Is the Department part of a college/Faculty of the university? : **Part of college**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.) :

**DM / Fellowship Cardiac Anaesthesia / Ph.D.**

5. Interdisciplinary programs and departments involved : **1**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: **1**
7. Details of programs discontinued, if any, with reasons : **Nil**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

**Fellowship Cardiac Anaesthesia: Credit based Credit system**

**DM : Annual**

9. Participation of the department in the courses offered by other departments:

**Teaching to ICCU Nurses, Physiotherapy students, MD Anaesthesia**

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
Professor	01	01	01
Associate Professor/Reader	01	01	01
Assistant Professor	01	01	01
Lecturer	--	--	--
Tutor / Clinical Instructor	--	--	--
Senior Resident	01	01	01

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr.Rashmi Deshpande	MD,	Prof. & Head	Cardiac Anaesthesia	UG : 42 PG : 36
Dr.Manish Sonkusale	MD, PDCC	Asso. Prof.	Cardiac Anaesthesia	7.06 years
Dr.Magesh Choudhari	MD, PDCC.	Asst. Prof.	Cardiac Anaesthesia	5.06 years

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors:

**Nil**

13. Percentage of classes taken by temporary faculty – program-wise information:

**Nil**

14. Program-wise Student Teacher Ratio

Courses	Ratio
Fellowship	2:1
DM	1:1
Ph.D	5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :

Sr.No.	Designation	Sanction	Filled	Actual
1	Technical Staff (Tech)	2	2	3
2	Administrative staff (Storekeeper, Steno, Record Clerk)	6	6	8

16. Research thrust areas as recognized by major funding agencies:

**ICCU infection, Congenital Heart Disease, Devices for Cardio respiratory support before surgery, 3D Transoesophageal and Trans Thoracic Echocardiography.**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.1 (2014-2016) Rs. 25,000/-

18. Inter-institutional collaborative projects and associated grants received:

a) National collaboration b) International collaboration

**Nil**

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. :-

Name of Agency	Project Title	Grant received
ICMR	Prospective randomized comparative study of hemodynamic changes following conventional tracheal intubation and intubation with intubating laryngeal mask airway in coronary artery bypass surgery	25,000/-

20. Research facility / centre with:

- State recognition
- National recognition
- International recognition

**Nil**

21. Special research laboratories sponsored by / created by industry or corporate bodies :-

**Nil**

22. Publications: - **Annexure attached**

\* Number of papers published in peer reviewed journals (national / international) :- **15**

\* Monographs : **Nil**

\* Chapters in Books : **Nil**

\* Books edited : **Nil**

\* Books with ISBN with details of publishers : **Nil**

\* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) :- **4**

\* Citation Index – range / average 4.3

\* SNIP 0.95

\* SJR 1.1

\* Impact Factor – range / average :- 0.4 to 0.6

\* h-index 3

Details of patents and income generated

Including Copy right ( if Free application than to be mentioned so)

**Nil**

24. Areas of consultancy and income generated:

**Nil**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:

**Yes**

Name of Faculty	Visit to other laboratories / institutions / industries in India and abroad
Dr. Pankaj Hiwarkar ( Fellowship)	WOCKHARDT Hospital at Nagpur

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards  
d) any other (specify)

**Nil**

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs). :

- **Medical Education Training**
- **Subspeciality training in National & International Institute of Prominence under eminent faculty.**
- **Active participation in various conferences, workshops, CMEs. To facilitate faculty for various fellowship programs, and PhD.**
- **By conducting regular conference, workshop, CMEs, webinars and group discussions.**

28. Student projects

- percentage of students who have taken up in-house projects including inter departmental projects

Course wise Students	Percentage
<b>UG</b>	
MD/MS/ DM	100%
Ph. D	100%

- percentage of students doing projects in collaboration with other universities / industry / institute : **Nil**

29. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows
- Students

	<b>Names</b>	<b>Awards / recognitions</b>
Faculty	Dr. Rashmi Deshpande	Lifetime achievement award By Nagpur city ISA branch 2014
Students	Dr. Manisha Taware	Gold Medal in MD Anaesthesia

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. : **Yes**

<b>Seminars/ Conferences/ Workshops</b>	<b>Funding -National/ International</b>	<b>Outstanding Participant</b>
CME -2016	State Level at Nagpur	Dr. Manish Sonkusale Faculty

31. Code of ethics for research followed by the departments

**Yes, all research Projects are undertaken as per the guidelines of Institutional Ethics Committee, Scientific Scrutiny Committee for clinical trial, after due approvals.**

32. Student profile program-wise :

<b>Name of the Program</b> (refer to question no. 4)	<b>Applications received</b>	<b>Selected</b>		<b>Pass percentage</b>	
		Male	Female	Male	Female
DM	6	01	00	01(100%)	
PDCC	4	01	00	01(100%)	

33. Diversity of students

<b>Name of the Program</b> (refer to question no. 4)	<b>% of students from the same university</b>	<b>% of students from other universities within the State</b>	<b>% of students from universities outside the State</b>	<b>% of students from other countries</b>
<b>DM</b>	<b>0</b>	<b>0</b>	<b>100%</b>	<b>00</b>
<b>PDCC</b>	<b>0</b>	<b>100%</b>	<b>00</b>	<b>00</b>



34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. :- **Nil**

35. Student progression : NA

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	
PG to M.Phil, DM / M Ch / DNB	NA
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	--
● Campus selection	
● Other than campus recruitment Entrepreneurs	

36. Diversity of staff  
**Percentage of faculty who are graduates**  
of the same university  
from other universities within the State **03**  
from universities from other States **PDCC - 02**  
from universities outside the country **Nil**

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period :

<b>Name of the Faculty</b>	<b>Awarded with</b> M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt.
<b>Dr. Prasad Panbude</b>	<b>DM 2016</b>

38. Present details of departmental infrastructural facilities with regard to  
a) Library :- **Departmental library - 110, Journal -014, E-Book 37**  
b) Internet facilities for staff and students : **Yes**  
c) Total number of class rooms : **01 Seminar room**  
**d) Class rooms with ICT facility and 'smart' class rooms : Yes**  
e) Students' laboratories : **In ICU.**  
f) Research laboratories : **Central Research Lab**

39. List of doctoral, Post doctoral and Research Associates :  
a) from the host institution/university :- **01**  
b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university.  
Research Grants list : **Nil**

41. Was any need assessment exercise undertaken before the development of new program(s) ? If so, highlight the methodology.:- **Yes**

Need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis ,user analysis and work analysis.

42. Does the department obtain feedback from :-  
**Curriculum development exercise was done for DM, And Fellowship in Cardiac Anaesthesia. Feedback from faculty alumni and student was taken.**

a. faculty on curriculum as well as teaching-learning-evaluation? **If yes, Curriculum modified.**

b. students on staff, curriculum and teaching-learning-evaluation. :- **Yes, PBL case scenario, Echo modules included.**

c. alumni and employers on the programs offered and how does the department utilize the feedback ? :- **Yes, Lectures, advances in case management were included and discussed.**

43. List the distinguished alumni of the department (maximum 10)

Name of the distinguished alumni	Presently Working as
<b>Dr. Prasad Panbude 1<sup>st</sup> DM of Maharashtra state.</b>	WOCKHARDT hospital at Nagpur
Dr. Snigdha Paddalwar Faculty	Sevan Hills Hospital, Mumbai
Dr. Pankaj Hiwarkar PDCC	Working in UAE

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts. :

- CME – Dr. Vijaya Patil from Mumbai,  
 Dr. Balankhe, Nagpur.  
 Dr. Jagtap, Nagpur.**

**Guest lectures – Dr. Niraj Ragani ( Cardiologist)  
 Dr. S. K. Deshpande (Cardiac Anaesthetist)  
 Dr. Vinay Kulkarni (Cardiac Anaesthetist)  
 Dr. Sachin Kuthe (CVTS)**

45. List the teaching methods adopted by the faculty for different programs including clinical teaching. **ITP, PBL, OSCE /OMP/ Mini CEX ,Simulations, virtual learnings etc.**

**: Yes**

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored ?

**Log books , Student Feedbacks and Formative assessments.**

47. Highlight the participation of students and faculty in extension activities:

**Camps , NSS , Integrated health team etc**

48. Give details of “beyond syllabus scholarly activities” of the department. :- **Yes**  
**Electives/ student exchange/ Conferences /Quizes/ village and community experiences / telemedicine / IPR**

- Conferences , Workshop and CME as faculty chair person and delegate**
- Conference – IACTA – 2016, Cardiac Anaesthesia.- - Delegate (Chennai, Pune)**
- Workshop – Transoesophageal Echocardiography.—Delegate**
- ACLS and BLS instructor course.**
- CME – On Hypertension and Anaesthesia.—Faculty and Delegate (Nagpur)**  
**On Anticoagulation and regional Anaesthesia – Chair Person, Faculty and Delegate(Nagpur)**  
**Post Cardiac Surgical Care – Delegate(Chennai)**  
**Organ Transplant and Anaesthesia – Chair Person (Nagpur)**

49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details. :- **Yes, ISO Accredited**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. **Yes**

- Fast track Anaesthesia – early discharge from ICU.**
- TEE – Reduction intra and post-operative complications.**
- Thoracic Anaesthesia good post-operative pain relief.**
- Entropy redaction in doses and Anaesthetic Agents**
- Management of Paediatric Congenital Heart Disease.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

<b>Strength</b>	<b>Weakness</b>	<b>Opportunities</b>	<b>Challenges</b>
DM & Fellowship courses	No adjunct faculty	good job in cardiac anaesthesia ICU management in teaching institute, in corporate hospitals in country and outside country	Increasing no of publication
PhD courses		Can work in organ transplant unit.	MET training of the staff
Experienced dedicated staff ready to accept challegess	No Funding from external agencies	Can work is disaster management program.	Getting expertise in 3Dtransoesophageal echocardiography
Adequate and varied work.		ACLS and BLS instructor	Anaesthesia for Cardiac MRI in paediatric cases
Good surgical outcome due to 24x7 care in post operative peroid	Lacking in high quality publications		ECMO management in critical ill patients
			Cardiac surgeries under regional anaesthesia

52. Future plans of the department.

In future plans of Department :-

- Develop collaborations with Institutes like:
  - o AIMMS ( Delhi)
  - o Shri Chitra Institute of Medical Sciences, Trivandrum.
- Strengthen original research work and publication.
- Applications for funding from external sources.
- Develop following facilities:
  - 1) Nodal training center for Transoesophageal echocardiography.
  - 2) Development of state of art Neonatal and paediatric cardiac surgical care unit.

- 3) Procure and upgrade current operation theater for cardiac transplant surgery
- 4) Development of new hybrid operation theatre to perform cath lab procedure and surgical procedure under one roof.
- 5) Increase adjunct faculties.
- 6) Develop Cardiac Counselling Unit of the Institute.

<b>Sr. No</b>	<b>Topic</b>	<b>Author</b>	<b>year</b>
01	The diagnostic spectrum of operated cases at a cardiac surgery unit in rural central india	Imran Khan Anand Sancheti Ranjana Lanjewar Snigdha Paddalwar Samir Marghade Manish Sonkusale Maneesha Patwardhan	J D M I M S U Vol. 9 No. 2, 2014
02	Left Atrial Myxoma : Case Reports and Anaesthetic Consideration at AVBRH Sawangi (Meghe) wardha, A Tertiary Care Rural Hospital	MH Nagrale RA Deshpande Anand Sancheti Manish Sonkusale Prasad Panbude Samir Marghade	J D M I M S U Vol. 9 No. 4, 2014
03	Evaluation of Buprenorphine as an Adjunct to Lignocaine and bupivacaine mixture in axillary perivascular block.	Nazima Memon Rashmi Deshpande	International journal of general medicine and pharmacy (IJ GMP) Iss N (P) : 2319-3999;iss N (E):2319-4006 Vol. 3, issue 3,May2014, 41-46
04	Paired aneurysms of sinuses of valsalva	Saurabh Varshney, Manish Sonkusale, Deepa Navkar & Varun Bhargava	Indian J Thorac Cardiovasc Surg (January–March 2014) 30(1):50–51 DOI 10.1007/s12055-013-0261-x
05	A Double blind Comparative Study of I.V. Cloniding and Fentanyl to see the Haemodynamic Response During laryngoscopy and intubation.	Nameirakpam Charan Bijaya Hijam Sanhot Ninave S. Thoibahenba Singh Upendra Keisham Ibemhal Heisnam	J of Evolution of Med and Dent. Sci DOI:10.14260/jemds/2014/3300

06	Cancer pain Management: Role of intrathecal alcohol: A case report	K. Upendra Singh Kh. Lokeshwar Singh S. Thoibahenbha Singh N. Charan Jonan Puni Kay	J of Evolution of Med. And Dent Sci/10.1426/jemds/2015/349
07	Retrospective analysis of incidence of complications of central venous catheterization at an intensive care unit.	Pankaj Hiwarkar Manish Sonkusare Rashmi Deshpande and Akash Kasatwar	Pankaj Hiwarkar et al/ International Journal of Biomedical Research 2015; 6(04): 279-284
08	Blood glucose monitoring in pediatric patients on cardio-pulmonary bypass	Manish Sonkusale Yogesh N. Zanwar Deepa Kane Anil M. Patwardhan	International Journal of Contemporary Pediatrics Sonkusale M et al. Int J Contemp Pediatr. 2016 May;3(2):530-536 <a href="http://www.ijpediatrics.com">http://www.ijpediatrics.com</a>
09	Anesthetic Management of Emergency Surgical Retrieval of the Dislodged Atrial Septal Defect Occluder	Manisha Taware Manish Sonkusale Mrs. Rashmi Deshpande	J D M I M S U Vol. 11 No. 1, 2016
10	Perioperative anesthesia management in patients with sickle cell hemoglobinopathies for open heart surgery: Retrospective analysis of 15 cases	Panbude Prasad Sonkusale Manish Deshpande Rashmi Sancheti Anand <sup>2</sup> and Khare Manish	Panbude Prasad A et al / International Journal of Biomedical Research 2016; 7(5): 240-243.
11	Randomized Controlled Trial To Compare Sevoflurane Vs Desflurane In Off Pump CABG Surgery For Intraoperative Haemodynamic Maintenance	Manisha Taware, Rashmi Deshpande , Manjula Sarkar	J D M I M S U Oct – Nov - 2016
12	Ultra fast tracking in Cardiac Anesthesia 'our experience' in a rural set up. Authors-Dr Manisha Taware , Dr Manish Sonkusale, Dr Rashmi Deshpande	Manisha Taware , Manish Sonkusale, Rashmi Deshpande	J D M I M S U Accepted for publication
13	Prospective randomized comparative study of hemodynamic changes following conventional tracheal intubation and intubation with intubating laryngeal mask airway in coronary	Prasad Panbude Rashmi Deshpande Manish Sonkusale Swati shambharkar	BJPMR Manuscript ID No. 2/6/2016 for Paper entitled Editor BJPMR ( <a href="mailto:editorbjpmr@outlook.com">editorbjpmr@outlook.com</a> ) <b>Thesis Paper sent for publications, acceptance</b>

	artery bypass surgery		<b>awaited</b>
14	Inadvertent diversion of inferior vena cava to left atrium after repair of atrial septal defect early diagnosis and correction of error. Role of intraoperative TEE	Mangesh sudhakar Choudhari, Neimikarpam Charan, Manish Sonkusale, Rashmi Deshpande	Annals of Cardiac Anaesthesia Article is assigned to Oct.- Dec. 2017
15	Comparisam of epsilon amino caproic acid and tranexamic acid to control postoperative bleeding in patients undergoing Mitral valve replacement surgery randomized double blind trial.	Yogesh Zanwar, Manish Sonkusale,	Indian journal clinical Anaesthesia 2017;4(2):264- 269

## Evaluative Report of the Department

1. Name of the Department: **Conservative Dentistry and Endodontics**
2. Year of establishment: **1991**
3. Is the Department part of a college/Faculty of the university?  
**Yes. Part of college.**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)  
**U G: BDS  
P G: MDS  
Fellowship in Microendodontics  
PhD**
5. Interdisciplinary programs and departments involved:  
**NIL**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:  
**01**
7. Details of programs discontinued, if any, with reasons:  
**PG Diploma course was discontinued from the academic year 2017 as there are no takers and financial feasibility was not established.**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:  
**a) UG- Annual  
b) PG-After end of 3 years  
c) Fellowship- CBCS**
9. Participation of the department in the courses offered by other departments:  
**a) Faculty development program of SHPER DMIMS.  
b) Fellowship in Aesthetic Dentistry –Prosthodontics and Orthodontics.  
c) Clinical posting and lecture of 7<sup>th</sup> Semester MBBS.**



10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS and MPS)
<b>Professor</b>	<b>2</b>	<b>3</b>	<b>3</b>
<b>Associate Professor/Reader</b>	<b>5</b>	<b>4</b>	<b>4</b>
<b>Assistant Professor</b>	<b>8</b>	<b>3</b>	<b>3</b>
<b>Lecturer</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tutor/ Clinical Instructor</b>	<b>-</b>	<b>3</b>	<b>3</b>
<b>Senior Resident</b>	<b>-</b>	<b>-</b>	<b>-</b>

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of yrs of experience
<b>Dr.M.G.Chandak</b>	<b>MDS</b>	<b>Prof and HOD</b>	<b>Endodontics</b>	<b>17.6</b>
<b>Dr.P.Nikhade</b>	<b>MDS</b>	<b>Professor</b>	<b>Endodontics</b>	<b>15.3</b>
<b>Dr.A.Saxena</b>	<b>MDS, PhD</b>	<b>Professor</b>	<b>Endodontics</b>	<b>12.9</b>
<b>Dr.A.Ikhar</b>	<b>MDS, Mphil</b>	<b>Associate Professor</b>	<b>Endodontics</b>	<b>8.3</b>
<b>Dr.N.Chandawani</b>	<b>MDS</b>	<b>Associate Professor</b>	<b>Endodontics</b>	<b>7.10</b>
<b>Dr.A.Patel</b>	<b>MDS</b>	<b>Associate Professor</b>	<b>Endodontics</b>	<b>7.3</b>
<b>Dr.G.Tawani</b>	<b>MDS</b>	<b>Associate Professor</b>	<b>Endodontics</b>	<b>6.10</b>
<b>Dr.N.Mankar</b>	<b>MDS, fellowship</b>	<b>Assistant Professor</b>	<b>Endodontics</b>	<b>2.7</b>
<b>Dr.S,Sedani</b>	<b>MDS</b>	<b>Assistant Professor</b>	<b>Endodontics</b>	<b>2.6</b>

12. List of senior Visiting Fellows, adjunct faculty, emeritus Professors:

**Dr.Alex Mathews, Professor and Post graduate guide in Prosthodontics, Azeez College of Dental Sciences and Research, Meeyannoor, Kerala.**

13. Percentage of classes taken by temporary faculty – program-wise information:

**NIL**

14. Program-wise Student Teacher Ratio :

Course	Ratio
UG	9:1
PG	1:1
Fellowship	1:1
Ph.D	2:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

	Sanctioned	Filled	Actual
Technical	2	2	2
Administrative	4	4	4

16. Research thrust areas as recognized by major funding agencies:

Nil

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:

NIL

18. Inter-institutional collaborative projects and associated grants received  
a) National collaboration b) International collaboration

NIL

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received:

NIL

20. Research facility / centre with (including national programs etc)

- A) State Recognition : NIL  
B) National Recognition : NIL  
C) International Recognition : NIL

21. Special research laboratories sponsored by / created by industry or corporate bodies:

**NIL**

22. Publications:

- Number of papers published in peer reviewed journals (national / international):**153**
- Monographs : **1**
- Chapters in Books : **2 Chapter in book**
- Books edited : **NIL**
- Books with ISBN with details of publishers : **NIL**
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) : **21**
- Citation Index – Range / Average : **04**
- SNIP : **0.13-1.01**
- SJR : **0.202-0.532**
- Impact Factor – Range / Average : **0.383-1.185**
- h-index : **4.54**

23. Details of patents and income generated : **NIL**

24. Areas of consultancy and income generated : **NIL**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : **NIL**

26. Faculty serving in a) national committee b) international committee c) Editorial Boards d) any other (specify)

	<b>N.C.</b>	<b>I.C.</b>	<b>Editorial Boards</b>	<b>Any other (Reviewer)</b>
<b>Dr.Manoj Chandak</b>	<b>02</b>	<b>-</b>	<b>03</b>	<b>03</b>
<b>Dr.Anuja Ikhar</b>	<b>-</b>	<b>-</b>	<b>01</b>	<b>01</b>

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

- **Basic course and advance course in teacher training**
- **Training in question paper setting mechanism**
- **Orientation in PG thesis evaluation**
- **Training in communication skill**
- **Training in Value education**
- **Orientation in Cochrane literature review training**

- **Training in Research methodology**
- **Orientation in UNESCO bioethics**
- **Training in Basic Life Support**
- **Training in LRM up-gradation through video**
- **Training in aseptic mechanism**
- **Training in Basic Administration Skill Education**

28. Student projects

- Percentage of students who have taken up in-house projects including inter-departmental projects

<b>UG</b>	<b>2%</b>
<b>PG</b>	<b>100%</b>
<b>PhD</b>	<b>100%</b>
<b>Fellowship</b>	<b>100%</b>

- Percentage of students doing projects in collaboration with other universities / industry / institute:

**PG-60%**

29. Awards / recognitions received at the national and international level by

Faculty	:	<b>22</b>
Doctoral / post-doctoral fellows	:	<b>NIL</b>
Students	:	<b>14</b>

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

<b>Seminar/Conferences/Workshop</b>	<b>Funding – National/ International</b>	<b>Outstanding Participant</b>
<b>Microendodontics (8/1/14)</b>	<b>Intramural</b>	<b>Dr. Vinod Kumar</b>
<b>Current concepts in root canal treatment (22/12/14)</b>	<b>Intramural</b>	<b>Dr. Uma Mahajan</b>
<b>Endodontic retreatment (2/9/15)</b>	<b>Intramural</b>	<b>Dr. Ajit Shaligram</b>
<b>Emergencies in endodontics  Geriatric Endodontics (29/11/16)</b>	<b>Intramural</b>	<b>Dr. Sreekha  Dr. Deepak Raisinghani</b>

31. Code of ethics for research followed by the departments:

Yes.

All Research Projects are undertaken after the approval of:

- Institutional Ethics Committee
- Animal Ethics Committee as per need
- Drug trial ethics committee as per need
- UNESCO ethics unit as per need
- The guidelines of institutional IPR policy are strictly adhered

32. Student profile program-wise

Name of the Program(refer to question no.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	Through NEET	09	69	88.8%	91.2%
PG	Through NEET	03	04	100%	100%

33. Diversity of students

Name of the Program refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the state	% of students from other countries
UG	NA	81%	16.5%	2.9%
PG	31.6%	68.4%	0%	0%
Ph.D.	50%	25%	25%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise:

**136 (All India PG Entrance examination, Australia Dental Board Examination, MPSC, etc.,)**

35. Student progression

Student progression	Percentage against enrolled
UG to PG	28%
PG to M.Phil, DM / M Ch / DNB	2%
PG to Ph.D	2%
Ph.D. to Post-Doctoral	NA
Employed	26%
Campus selection	12%
Other than campus recruitment	
Entrepreneurs	27%

36. Diversity of staff

Percentage of faculty who are graduates of the same university	<b>60%</b>
from other universities within the State	<b>40%</b>
from universities from other States	<b>Nil</b>
from universities outside the country	<b>Nil</b>

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt.

**The faculty awarded**

**Mphil-1**

**Ph.D- 1**

38. Present details of departmental infrastructural facilities with regard to

- a) Library : **Total Number of Books : 99**  
: **Total Number of E-Books : 368**
- b) Internet facilities for staff and students : **Yes, available through wi-fi and LAN.**
- c) Total number of class rooms : **1 Seminar Room**
- d) Class rooms with ICT facility and 'smart' class rooms  
: **Available with Wifi and LAN.**
- e) Students' laboratories : **Available**
- f) Research laboratories : **01(CRL)**

39. List of doctoral, post-doctoral students and Research Associates

- a) **from the host institution/university** - **Nil**
- b) **from other institutions/universities** - **Nil**

40. Number of post graduate students getting financial assistance from the university:

**8**

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

- Structured feedback was constructed
- Feedback was obtained from faculty-100%, peer-25%, PG alumini-25%, Dept.PG-100%
- Based on feedback analysis new program is designed

- Department committee with two external peers approved the program
- Program was sent to the Dean's committee
- Approved by the Academic council
- Approved by BOM
- Implementation of program

42. Does the department obtain feedback from ?

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback ?

**YES, the feedback from faculties are utilized for development, designing and upgradation of curriculum and syllabus.**

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

**YES.**

\* **On staff- online annual structured feedback is obtained from students and the same is utilized for rewarding and those who require improvement are counselled.**

\* **On Curriculum- the feedback from students are utilized for development, designing and upgradation of curriculum and syllabus.**

\* **Teaching learning- the teaching learning is evaluated through academic appraisal program and analyzed in monthly college council meeting and appropriate measures are undertaken.**

\* **Evaluation: exit feedback is taken after exam after summative examination. The notable findings are discussed in appropriate university forum.**

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

**YES. The feedback from them is utilized for identification of needs for development, designing and upgradation of curriculum and syllabus.**

43. List the distinguished alumni of the department (maximum 10)

Sr.no	Name of alumni	Placement
1.	Dr. Pallav Patni	Professor , Aurobindo College ,Indore
2.	Dr.Bhagyshree Dande	Assistant professor, Dubai
3.	Dr. Vanita Gautam	Assistant professor, Nepal
4.	Dr. Aditya Patel	Associate Prof , SPDC, Wardha
5.	Dr.Jyoti Lokade	Assistant professor ,GDC, Nagpur

6.	Dr. Shantanu Malhotra	Professor ,Amritsar college, Amritsar
7.	Dr.Ashwini Prasad	Associate professor, MG dental college , Jaipur
8.	Dr.Seema Abid	Associate professor ,Makkah ,Saudi Arabia
9.	Dr.Bharat Deosarkar	Secretary and Assistant. Professor, Parbhani dental college.

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

Guest speaker	Topic	Year
Dr. Deepak Raisinghani	Sterilization in Endodontics	2013
Dr. Vimal Sikri	Inlay fabrication	2014
Dr. Sunil Koshi	Polishing and finishing of cast restoration	2014
Dr.C.R.Trivedi	Basic life support	2014
Dr. Venugopal	Irrigation protocol	2015
Dr.Radhika Bawale	Talk to Author	2015
Dr.Atul Shrungarpure	Motivational Lecture –how to utilize internship period	2016
Dr.C.R.Trivedi	Basic Life Support	2016
Dr. Sirekha	Endodontic mishaps	2016
Dr.Anjali Bhandarkar Dr.Rahul Kodgule Dr.Sneha Limaye Dr.Liza Firdosy	Guidelines for ICH-GCP (International conference on Harmonization –Good Clinical Practices)	2016
Dr. Michael Ross	Writing thesis and publication	2017

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

PROGRAMMES	Teaching Methods (Theory)	Teaching Methods (Clinical)
U G	Class Room, PBL, Integrated teaching, Seminar, Crossword and quiz	Chair side Clinical Teaching, Demonstration, Tutorials, Integrated teaching for clinical and Radiological interpretation, video demonstration and early clinical exposure, Skill Lab
P G	Class room, Seminar, Journal club, Case Presentation, Case of the Month, Question of the week, Library Dissertation, Main	OMP, Chair side Clinical Teaching, Demonstration, DOPS, Mini CEX evaluation, video demonstration, e-museum.



	<b>Dissertation, Short project, Interdepartmental activity- SISA, SRS</b>	
<b>Fellowship</b>	<b>Seminar, Journal club, Case Presentation, Short project, group discussion</b>	<b>Demonstration of Microscope, Hands on training under supervision</b>

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?  
**Through academic appraisal program, feedbacks are obtained from the students at the end of each marker point in theory classes and clinical posting to check whether the set learning objectives are met with. Further assessment is done by the performance of students in the formative and summative exams.**
47. Highlight the participation of students and faculty in extension activities.
- **Speciality camps were organized.**
  - **For first year to final year student - CHCP program (for early clinical exposure)**
  - **Sub-center activity in Hinganghat, Seloo, Pawanar, Pulgaon, Arvi, Warora, Somanath, Zari-jamini with rotatory posting of staff and interns.**
  - **Collaborative interdepartmental various treatment and diagnostic camp.**
  - **Participation in treatment/ diagnostic camp with partnership with various organization like Maharogi SevaSamiti, Anandwan Warora, Rotary club, lions Club, Nursing vyavamshaala, Wani.**
48. Give details of “beyond syllabus scholarly activities” of the department.
- **Yearly UG convention in collaboration with IDA**
  - **Applying for ICMR/STS Project**
  - **UG paper and poster presentation in IDA, FDI and World Dental Congress.**
  - **Involvement of students and interns in NSS activity.**
  - **Personality development program for under graduate.**
  - **Value education**
  - **Personality Development program for post graduate student.**
  - **U G Sensitization in skill lab**
  - **Webinars, video demonstration**
49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

**No**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- **Herbal root canal irrigants**
- **Retreatment methods**
- **Sealer penetration**
- **Effect of bleaching agent on different restoration.**
- **Sealing ability of bioactive material under microscope**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

<b>Strength</b>	<b>Weakness</b>	<b>Opportunity</b>	<b>Challenges</b>
<ul style="list-style-type: none"> <li>• All staff experienced, qualified and pursuing higher academic qualification</li> <li>• Faculties are resource person for CME's</li> <li>• Research oriented staff currently involved in state, National and international conferences, publishing research papers in high impact factor journals</li> <li>• Adequate clinical material with diversity creating more opportunities for clinical &amp; basic research</li> </ul>	<ul style="list-style-type: none"> <li>• Limited funded projects</li> <li>• Lack of International Collaborations</li> <li>• Inadequate undergraduate projects</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Establishing collaborations with other national and international universities for students exchange programs, and staff training programs.</b></li> <li>• <b>Conduction of specialty conferences and conventions</b></li> <li>• <b>Capacity building of staff in advanced specialty treatment procedures – through fellowship courses, workshops</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Lack of takers in dentistry in India</b></li> <li>• <b>Limited availability of resources required for conducting specialty conferences in a small town like wardha.</b></li> <li>• <b>Affordability of patients to undergo specialized treatment</b></li> </ul>

52. Future plans of the department.

- **Publication of specialty book**
- **Development of referral center for advance treatment**

## Evaluative Report of the Department

1. Name of the Department : **Oral Medicine and Radiology**
2. Year of establishment : **1991**
3. Is the Department part of a College /Faculty of the university? : **Yes, part of college**
4. Names of programs offered (UG, PG, Pharm D, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)  
  
UG:BDS;  
  
PG:MDS;  
  
PhD;  
  
Fellowship in head and neck imaging
5. Interdisciplinary programs and departments involved : **01**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. **01**
7. Details of programs discontinued, if any, with reasons: PG Diploma in the subject discontinued due to paucity of demand.  
PG Diploma course was discontinued from the academic year 2015-16 as there were no takers and financial feasibility could not be established.
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System –
  - a) UG- **Annual**
  - b) PG- **After end of 3 years**
  - c) Fellowship –**CBCS**
9. Participation of the department in the courses offered by other departments  
  
Certificate course in Implant – Department of Periodontics  
Clinical posting and lecture in VII sem MBBS  
Faculty development programme of SHPER, DMIMS

**10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS)
Professor	01	01	04- (03 promoted under CAS)
Associate Professor/Reader	02	-	-
Assistant Professor	03	03	03
Lecturer	-	-	-
Tutor / Clinical Instructor	-	-	-
Senior Resident	-	-	-

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research underguidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. R.R.Bhowate	MDS, M.Phil,	Professor & Head	Oral Medicine & Radiology, Health professionals education	28Years
Dr. V.K. Lohe	MDS, M.Phil, Ph.D	Professor(Designate)	Oral Medicine & Radiology	10Years & 6Months
Dr. S.B. Dangore	MDS, M.Phil	Professor(Designate)	Oral Medicine & Radiology	10Years & 6Months
Dr. A. S. Panchbhai	MDS, M.Phil, Ph.D	Professor(Designate)	Oral Medicine & Radiology	10Years
Dr. R.V. Sune	MDS	Assistant Professor	Oral Medicine & Radiology	5years 06 months
Dr. S. C. Mohod	MDS	Assistant Professor	Oral Medicine & Radiology	4Years 1Months
Dr Shraddha Patel	MDS	Assistant Professor	Oral Medicine & Radiology	1 year 1 month

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Nil
13. Percentage of classes taken by temporary faculty – program-wise information  
Nil
14. Program-wise Student Teacher Ratio

Courses	Ratio
UG	<b>14:1</b>
PG	<b>1:1</b>
Fellowship	<b>2:1</b>
Ph.D	<b>3:1</b>

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Sn.	Designation	Sanctioned	Filled	Actual
1.	<b>Technical Staff</b>	<b>3</b>	<b>3</b>	<b>3</b>
2.	<b>Administrative Staff</b>	<b>1</b>	<b>1</b>	<b>1</b>

16. Research thrust areas as recognized by major funding agencies

**Oral Precancer & Oral Cancer- Ayush & ICMR**  
**Herbal medicine in Oral Precancer&Oral mucosal diseases- Ayush & ICMR**  
**Infectious diseases affecting head and neck- ICMR**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

**NIL**

18. Inter-institutional collaborative projects and associated grants received

- a) National collaboration                      b) International collaboration

**NIL**

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

**ICMR Projects: 03 -                      Rs- 30,000/-.**

20. Research facility / centre with ( **including national programs etc**)

- state recognition:                      **NIL**
- national recognition:                      **NIL**
- international recognition:                      **NIL**

21. Special research laboratories sponsored by / created by industry or **corporate bodies**  
**NIL**

22. Publications:

Number of papers published in peer reviewed journals (national / international):

- **Number of papers published in peer reviewed journals : 91**
- Monographs - **3**
- Chapters in Books -**8**
- Books edited - **3**
- Books with ISBN with details of publishers – 3
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) **28**
- Citation Index – range / average –**34.2**
- SNIP – **0.53 – 1.38**
- SJR- **1.05- 2.92**
- Impact Factor – range / average    - **0.32/1.4**
- h-index **13**

**23. Details of patents and income generated - 02 Copyright Granted**

OMR	Dr Arti Panchbai	Normal Intraoral Radiographic Anatomy	L-63955/2016	Income Nil
SPDC	Dr. Vidya Lohe Dr. Sangeeta Totade	DMIMS Class/practical/clinic monitoring sheet.	L-64544/2016	Income Nil

**24. Areas of consultancy and income generated- NIL**

**25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : - NIL**

**26. Faculty serving in**

a) National committees b) International committees c) Editorial Boards d) any other (specify)

Name Of Faculty	NC	IC	EB	Any Other (Reviewer)
Dr. R. R. Bhowate	-	-	3	3
Dr. Arti Panchabhai	-	-	1	3
Dr. S. C. Mohod	-	-	1	-
Dr. V. K. Lohe	-	-	-	2
D. S. B. Dangore	-	-	-	2

**27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).**

- a. Basic course and advanced course in teacher training**
- b. Training in Question paper setting mechanism**
- c. Orientation in PG thesis evaluation**
- d. Training in Communication skill**
- e. Training in Value education**
- f. Orientation in COCHRANE literature review**
- g. Training in Research methodology**
- h. Orientation in UNESCO bioethics**
- i. Training in Basic life support**
- j. Training in LRM up-gradation through video**
- k. Training in Aseptic techniques**
- l. Training in basic administrative skill education**



**28. Student projects**

- Percentage of students who have taken up in-house projects including inter-departmental projects

Course	Percentage
UG	2%
PG	100%
Ph. D	100%
Fellowship	100%

- Percentage of students doing projects in collaboration with other universities / industry / institute : **Nil**

**29. Awards / recognitions received at the national and international level by**

- Faculty- 27
- Doctoral / post doctoral fellows- Nil
- Students – UG: 06, PG: 11; Total : 17

**30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

Seminars/Conferences/Workshops	Funding - National/International	Outstanding participants
CBCT Imaging 2014	Intramural	Dr. Mahendra Patait,
Multidisciplinary approach in management of Orofacial pain 2014	Intramural	Dr. Tripti Waghmare, Dr. R. M. Borle
Radio Therapeutic & Chemo therapeutic approach in managing Oral Cancer 2015	Intramural	Dr. Kamble Dr. R. M. Borle
Management of Medical emergencies 2015	Intramural	Dr. Chetan Trivedi
International symposium on Oral Sub-mucous Fibrosis 2016	Intramural	Dr. Warnakulasurya, Dr. Tillakratne, Dr. Pankaj Chaturvedi
Imaging Interpretation of Salivary Gland in Health & Disease	Intramural	Dr. S. S. Rawlani Dr Banode Dr. Rajkiran,

**31. Code of ethics for research followed by the departments**

**Yes, All research Projects are undertaken after the approval of**

- **Institutional Ethics Committee,**
- **Animal Ethics Committee whenever needed**
- **Drug trial ethics committee as per need**
- **UNESCO ethics committee as per need**
- **The guidelines of institutional IPR policy are strictly adhered.**

32. Student profile program-wise :

Name of the programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	Through NEET	09	69	88.8%	91.2%
PG	Through NEET	02	01	100%	100%

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG	NA	81%	16.5%	2.5%
PG	50%	50%	Nil	Nil
PhD	16.66%	66.66%	16.66%	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

**136 (All India PG entrance examination, Australia Dental board examination MPSC etc)**

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	28%
PG to M.Phil,DM / M Ch / DNB	6.66%
PG to Ph.D.	4.44%
Ph.D. to Post-Doctoral	NA
Employed	26%
• Campus selection	12%
• Other than campus recruitment	
Entrepreneurs	27%

### 36: Diversity of staff

#### Percentage of faculty who are graduates

- of the same university 14.2%
- from other universities within the State 85.71%
- from universities from other States : Nil
- from universities outside the country: Nil

37. Number of faculty who were awarded M.Phil. ,DM, MCh, Ph.D., D.Sc. and D.Litt.during the assessment period :

#### The faculty awarded Mphil are as under

**Mphil: 03**

**PHD: 02**

38. Present details of departmental infrastructural facilities with regard to

- a) Library :- **Total Number of books - 102**  
**Total Number of e-books - 325**
- b) Internet facilities for staff and students:- **Yes, available thorough Wi-fi and LAN**
- c) Total number of classrooms:- **1 Seminar room**
- d) Class rooms with ICT facility and 'smart 'classrooms: **1 Seminar room & 1 Museum**
- e) Students' laboratories:- **Nil**
- f) Research laboratories: **1 (CRL)**
- g) List of doctoral, Post doctoral and Research Associates
- a. from the host institution/university- Nil
  - b. from other institutions/universities- Nil

40. Number of post graduate students getting financial assistance from the university.**07**

41. Was any need assessment exercise undertaken before the development of new program(s)

? If so, highlight the methodology. **YES**

- Structured feedback was constructed
- Feedback was obtained from faculty-100%, peer-25%, PG alumini-25%, Dept.PG-100%
- Based on feedback analysis new program is designed
- Department committee with two external peers approved the program
- Program was sent to the Dean's committee
- Approved by the Academic council
- Approved by BOM
- Implementation of program

42. Does the department obtain feedback from
- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

**Yes the feedback from faculties are utilized for development, designing and upgradation of curriculum and syllabus.**

- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **Yes,**

**- Students on staff – online annual structured feedback is obtained from students and the same is utilized for rewarding and those who required improvement are counseled.**

**-curriculum- the feedback from the students are utilized for development, designing and upgradation of curriculum.**

- teaching-learning- is evaluated through academic appraisal programme and analyzed in monthly college council meeting and appropriate measures are undertaken.

-evaluation- exit feedback is taken after summative exam. The notable findings are discussed in appropriate university forum.

- c. alumni and employers on the programs offered and how does the department utilize the feedback?

**Yes, the feedback from them are utilized for identification of needs for development, designing and upgradation of curriculum.**

43. List the distinguished alumni of the department (maximum 10) :

<b>Name of distinguished alumni</b>	<b>Placement</b>
Dr Shweta Ujone	USA
Dr Rujuta Bhoite	USA
Dr. Dipti Wakode	Newzeland
Dr Revant Chole	Maharashtra
Dr Priyanka Kant	Delhi
Dr Manjiri Joshi	Badodara
Dr Ashita Kalaskar	GDCH Nagpur

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.:

Name of CDE	External expert	Year
Basic life support- Dr C. R . Trivedi	Dr C. R . Trivedi	<b>2014</b>
Talk to authors – Dr Radhika Bawle	Dr Radhika Bawle	<b>2015</b>
Motivational lecture-how to utilize internship period-	Dr Atul Shrungarpure	2016
Basic Life Support for UG, Interns , and PG 2016	Dr CR Trivedy	2016
Utilization of clinical findings in making diagnosis for postgraduates	Dr Surekha Puranik-	2016
Writing Thesis / Research paper for Postgraduates.2017	Dr Michel Ross	2017
Interpretation of MRI in Maxillofacial pathologies for postgraduates .	Dr. Tushar Phulambrikar-	2017

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

Programes	Teaching methods (Theory)	Teaching methods (clinical)
<b>UG</b>	Class room, PBL, Integrated teaching, seminars, crosswords, Quiz	Chair side clinical teaching, demonstrations, bed side teaching, monitored syndicate learning for radiographic interpretations, tutorials, Two eye process- integrated teaching for clinical and radiological interpretation, Video demonstrations, e-museum, evening clinics
<b>PG</b>	Class room, Seminars, journal club, case presentation, case of the week, question of the week, Library dissertation, Main dissertation, short project, Interdepartmental activities- SISA, Triple O, SRS	OMP, Chair side clinical teaching, demonstrations, DOPS, Mini CEX evaluation, monitored syndicate learning for radiographic interpretations, tutorials, Two eye process-integrated teaching for clinical and radiological interpretation, Video demonstrations, e-museum,
<b>Fellowship</b>	Seminars, journal club, case	Demonstration of working CT, MRI USG. Hand on training under supervision,

	presentation, short project Group discussions	Interpretation exercises for CT, MRI and USG.
--	--	---

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?  
**Through academic Appraisal Program, feedbacks are obtained from the students at the end of each marker point through theory classes and clinical posting to check whether set learning objectives are met with. Further assessment is done by the performance of students in the formative and summative examinations.**
47. Highlight the participation of students and faculty in extension activities.
- Specialty camps are organized.
  - First year to final year students CHCP program.
  - Sub center activity in hinganghat, seloo, Pawnar, Pulgaon, Arvi, Warora, Somnath, Zarijamani, with rotatory posting of staff and intern.
  - Collaborative interdepartmental various treatments/diagnostic camps.
  - Participation with various organizations like maharogi seva samiti, anandwan warora, rotary club, lions club, narasinh vyayam shala Wani, participated in treatment – diagnostic camp. Faculties of other departments regularly involve in each activities.
48. Give details of “beyond syllabus scholarly activities” of the department.
- Practice management skill for dental students,
  - Yearly UG Convention in collaboration with IDA,
  - Applying for ICMR/STS Project,
  - UG Paper and Poster presentation in IDA, FDI and World dental congress,
  - Personality Development program for under and post graduate student.
  - U G Sensitization in skill lab
  - Value education and linguistic skills
  - Webinars
49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details.: **Nil**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- Herbal medicines in Oral precancer

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength	Weakness	Opportunity	Challenges
<p>Good overall result of UG\PG students.</p> <p>Students recipient of awards in spatiality conferences at National and <b>03</b> international levels</p> <p>Adequate staff &amp; 85% of faculty are ex-students of the Institute.</p> <p>All faculties Trained in basic professions health education.</p> <p>Faculty working as resource person in contribution to development of modules tools &amp; techniques for teaching learning</p>	<p>Dependant on other specialties for advance lab investigations.</p> <p>Lack of funded projects and financial constraint in accessing data bases</p> <p>Non availability of tobacco cessation and counseling unit for effective catering in habit de-addiction of patient</p>	<p>To establish a State of the art simulation facility for clinical skill-BSL</p> <p>To initiate comprehensive training of faculty in advanced Head &amp; Neck imaging in collaboration with Dept. of Radio-Diagnosis.</p> <p>Research work on clinical materials can be undertaken, analyzed, and utilized to study prevalence and incidence of various precancerous conditions.</p> <p>Collaboration with industry to develop biotechnology &amp; Pharmacy for treatment of oral diseases</p> <p>Establishing tobacco cessation and counseling unit</p>	<p>Abridged job Opportunities for MDS resultantly leading to reduced inclination towards PG courses.</p> <p>To compete with government institutions for funded projects obtained from reputed agencies</p>

--	--	--	--

52. Future plans of the department.

- Implementation of choice based credit system
- Preparation of tobacco counseling module in relevance with betel nut and tobacco habit.
- Development of departmental Clinical archive



## Evaluative Report of the Department

1. Name of the Department : **Oral Pathology & Microbiology**
2. Year of establishment : **1991**
3. Is the Department part of a College/Faculty of the university? : **Yes Part of college**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, D.M./M.Ch., Super specialty fellowship, etc.)
  - **UG :BDS**
  - **PG :MDS**
  - **Fellowship : Immunohistochemistry**
  - **Ph.D.**
5. Interdisciplinary programs and Departments involved: **01**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. : ) **03**
7. Details of programs discontinued, if any, with reasons: **Nil**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System –
  - a) **UG -Annual**
  - b) **PG - After end of 3 years**
  - c) **Fellowship - CBCS**

9. Participation of the department in the courses offered by other departments:-

**Teaching to MBBS Student**

**Posting of MBBS students (VII Semester)**

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
<b>Professor</b>	<b>01</b>	<b>04</b>	<b>04(01 promoted under CAS)</b>
<b>Associate Professor/Reader</b>	<b>02</b>	<b>--</b>	<b>--</b>
<b>Assistant Professor</b>	<b>03</b>	<b>02</b>	<b>02</b>
<b>Lecturer</b>	<b>--</b>	<b>--</b>	<b>--</b>
<b>Tutor/Clinical Instructor</b>	<b>--01</b>	<b>01--</b>	<b>-01-</b>
<b>Senior Resident</b>	<b>--</b>	<b>--</b>	<b>--</b>

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
<b>Dr. Minal Chaudhary</b>	<b>MDS</b>	<b>Professor &amp; Dean</b>	<b>Oral Pathology &amp;</b>	<b>21 Years 2 months</b>
<b>Dr. Madhuri Gawande</b>	<b>MDS</b>	<b>Professor &amp;</b>	<b>Oral</b>	<b>23 Years 3</b>
<b>Dr. Swati Patil</b>	<b>MDS</b>	<b>Professor</b>	<b>Oral</b>	<b>16 Years &amp;</b>
<b>Dr. Alka Hande</b>	<b>MDS</b>	<b>Professor</b>	<b>Oral</b>	<b>10 Years &amp;</b>
<b>Dr. Preethi Sharma</b>	<b>MDS</b>	<b>Assistant Professor</b>	<b>Oral Pathology &amp;</b>	<b>02 Years &amp; 3 Months</b>
<b>Dr. Shiri Bajaj</b>	<b>MDS</b>	<b>Assistant Professor</b>	<b>Oral Pathology &amp;</b>	<b>09 Months</b>

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: - **Nil**

13. Percentage of classes taken by temporary faculty – program-wise information: - **Nil**

14. Program-wise Student Teacher Ratio

<b>Courses</b>	<b>Ratio</b>
<b>UG</b>	<b>20:1</b>
<b>PG</b>	<b>1:1</b>
<b>Fellowship</b>	<b>1:1</b>
<b>Ph.D.</b>	<b>5:1</b>

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

<b>Sr.no.</b>	<b>Designation</b>	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual</b>
<b>1.</b>	<b>Technical Staff</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>2.</b>	<b>Administrative Staff</b>	<b>1</b>	<b>1</b>	<b>1</b>

16. Research thrust areas as recognized by major funding agencies:

- **Oral pre cancer & cancer –ICMR**
- **Infectious diseases of Head and neck - ICMR**

17. Number of faculty with ongoing projects from: a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

**NIL**

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration: **NIL**

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

**ICMR 3 projects, Rs. 6 Lakhs sanctioned**

20. Research facility / centre with (including national programs etc)

- **State recognition: NIL**
- **National recognition: 01 (NATIONAL CANCER REGISTRY)**
- **International recognition: NIL**

21. Special research laboratories sponsored by / created by industry or corporate bodies

**NIL**

22. Publications:

<b>Number of papers published in peer reviewed journals (national / international)</b>	<b>81</b>
<b>Monographs</b>	<b>07</b>
<b>Chapters in Books</b>	<b>5 chapters in four books</b>
<b>Books edited</b>	<b>Nil</b>
<b>Books with ISBN with details of publishers</b>	<b>Nil</b>
<b>• Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)</b>	<b>21</b>
<b>Citation Index – range / average</b>	<b>17.85</b>
<b>SNIP</b>	<b>0.12 – 1.71</b>
<b>SJR</b>	<b>0.1 – 1.84</b>
<b>Impact Factor – range / average</b>	<b>0.04 – 4.7</b>
<b>h-index</b>	<b>12</b>

23. Details of patents and income generated

Patent s Applied	Patents Published	Copyrights Applied	Copyrights received	Total Copyrights processed	Income generated
1	0	1	3	4	NIL

24. Areas of consultancy and income generated

**Academic Knowledge transfer (Histopathology / Immunohistochemistry/Special stains)-**

**Rs. 1,81,900/-**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in

India and abroad :

- **Dr Alka Hande: fellowship in IHC**
- **Dr Preethi Sharma: Observership in OMCH Hyderabad.**

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (specify)

<b>Name of faculty</b>	<b>N.C.</b>	<b>I.C.</b>	<b>E.B.</b>	<b>Any other</b>
<b>Dr Minal Chaudhary</b>	<b>02</b>	<b>--</b>	<b>05</b>	<b>05</b>
<b>Dr Madhuri Gawande</b>	<b>--</b>	<b>--</b>	<b>01</b>	<b>03</b>
<b>Dr Swati Patil</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>03</b>
<b>Dr Preethi Sharma</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
<b>Dr Shree Bajaj</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>01</b>

26. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

- **Basic course & advanced teacher training program**
- **Orientation programme and workshop were conducted**
- **Training in question paper setting mechanism**
- **Orientation in PG thesis evaluation**

- **Training in communication skill**
- **Training in value education**
- **Orientation in CHOCRAINE literature review**
- **Training in research methodology**
- **Orientation in UNESCO bioethics**
- **Training in basic life support**
- **Training in LRM upgradation through video**
- **Training in aseptic technique**
- **Training in basic administrative skill education.**

28. Student projects

- Percentage of students who have taken up in-house projects including inter-departmental projects

<b>Course wise Students</b>	<b>Percentage</b>
<b>U.G</b>	<b>2%</b>
<b>P.G.</b>	<b>100%</b>
<b>Fellowship</b>	<b>100%</b>
<b>PhD</b>	<b>100%</b>

- Percentage of students doing projects in collaboration with other universities / industry / institute:

<b>Course wise Students</b>	<b>Percentage</b>
<b>U.G</b>	<b>0%</b>
<b>P.G.</b>	<b>14.2%</b>
<b>Fellowship</b>	<b>00%</b>
<b>PhD</b>	<b>25%</b>

29. Awards / recognitions received at the national and international level by



**1. Faculty: 30**

**2. Doctoral / post doctoral fellows: 00**

**3. Students : UG- 02 PG -06 Total : 08**

30 .Seminars/ Conferences/Workshops organized and the source of funding (national / international)

with details of outstanding participants, if any.

<b>Sr. No</b>	<b>Year with topic</b>	<b>Funding</b>	<b>Resource/outstanding participants</b>
<b>1.</b>	<b>January 2013</b> <b>Surgical aspects of Pathology &amp; Metastatic Tumors of the Jaw</b> <b>Surgeons Aspect On Histopathology</b>	<b>Intramural</b>	<b>1. Dr. S. R. Gosavi</b> <b>2. Dr. R. M. Borle</b>
<b>2.</b>	<b>December 2013</b> <b>“ Common statistical tests to be used by post graduates”</b> <b>“ Molecular carcinogenesis and advances in diagnosis of oral malignancies</b>	<b>Intramural</b>	<b>1. Dr. Z. Quazi</b> <b>2. Dr. Nitin Gangane</b>

3.	<p style="text-align: center;"><b>August 2014</b>  <b>Imaging, Cytology &amp; Histopathology</b>  <b>of Mesenchymal Tumors of Head,</b>  <b>Neck &amp; Face</b>  <b>Grossing and histopathological</b>  <b>reporting.</b>  <b>Fibroosseous lesions</b></p>	<p style="text-align: center;"><b>Intramural</b></p>	<p style="text-align: center;"><b>1. Dr. Asitava Mondal</b>  <b>2. Dr. Sindhu Ganvir</b>  <b>3. Dr. Aasawari Patil</b></p>
4.	<p style="text-align: center;"><b>January 2015</b>  <b>Practical approach to grossing and</b>  <b>histopathological assessment of</b>  <b>lymphnodes</b>    <b>IHC range in maxillofacial</b>  <b>Pathology, academics and research</b></p>	<p style="text-align: center;"><b>Intramural</b></p>	<p style="text-align: center;"><b>1. Dr. Rahul Patil</b>  <b>2. Dr. Atul Deshmukh</b></p>
5.	<p style="text-align: center;"><b>February 2016</b>  <b>Aetiology and pathogenesis of</b>  <b>OSMF.</b>  <b>Medical Interventions and Future</b>  <b>Recommendations in OSMF &amp; its</b>  <b>Current research Strategies</b>  <b>Indian Scenario of OSMF and its</b>  <b>Management Strategies.</b>  <b>Surgical Management of OSMF:</b>  <b>The Sawangi Protocol.</b></p>	<p style="text-align: center;"><b>Intramural</b></p>	<p style="text-align: center;"><b>1. Dr. Tilakratne</b>  <b>2. Dr. Samarnayake</b>  <b>3. Dr. Pankaj Chaturvedi</b>  <b>4. Dr. R.M. Borle</b></p>
6.	<p style="text-align: center;"><b>February 2017</b>  <b>Carcinogenesis</b>    <b>Forensic Odontology</b></p>	<p style="text-align: center;"><b>Intramural</b></p>	<p style="text-align: center;"><b>1. Dr. Sachin Sarode</b>  <b>2. Dr. Ritesh Wadhvani</b></p>

31. Code of ethics for research followed by the departments-

**YES all research projects are undertaken after the approval of:**

- **Institutional Ethical Committee,**
- **Animal Ethics Committee whenever needed,**
- **Drug trial ethics committee as per need,**
- **UNESCO ethics committee as per need**
- **The guidelines of institutional IPR policy are strictly adhered**

32 .Student profile program-wise :

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
<b>UG</b>	<b>Through NEET</b>	<b>09</b>	<b>69</b>	<b>88.8%</b>	<b>91.2%</b>
<b>PG</b>	<b>Through NEET</b>	<b>00</b>	<b>01</b>	<b>-</b>	<b>100%</b>
<b>PhD</b>	<b>Through AIPhDCET</b>	<b>00</b>	<b>05</b>	<b>-</b>	<b>100%</b>

33.Diversity of students

Name of the Program (refer to question 4)	% of students from the same university	% of students from other universities	% of students from universities	% of students from other countries
<b>UG</b>	<b>NA</b>	<b>81%</b>	<b>16.5%</b>	<b>2.5%</b>
<b>PG</b>	<b>25%</b>	<b>75%</b>	<b>0%</b>	<b>0%</b>
<b>PhD</b>	<b>33.33%</b>	<b>50%</b>	<b>8.3%</b>	<b>00%</b>

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations?

Give details category-wise.:-

**136 (All India PG Entrance Examination, Australia Dental Board Examination MPSC etc.**

35. Student progression:

<b>Student progression</b>	<b>Percentage against enrolled</b>
<b>UG to PG</b>	<b>28%</b>
<b>PG to M.Phil, DM / M Ch / DNB (from start of course)</b>	<b>NIL</b>
<b>PG to Ph.D.( from start of course)</b>	<b>25%</b>
<b>Ph.D. to Post-Doctoral</b>	<b>NA</b>
<b>Employed</b>	
• <b>Campus selection</b>	<b>26%</b>
• <b>Other than campus recruitment</b>	<b>12%</b>
<b>Entrepreneurs</b>	<b>27%</b>

36. Diversity of staff

- Percentage of faculty who are graduates

**-Of the same university : 16%**

**-From other universities within the State : 66%**

**-From universities from other States: 16%**

**-From universities outside the country : ---**

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period : **NIL**

38. Present details of departmental infrastructural facilities with regard to

a. **Library** : **Total Number of books- 150**

: **Total Number of e books-398**

b. **Internet facilities for staff and students: Yes, available through Wi-Fi and LAN**

c. **Total number of class rooms:- 1 seminar room**

d. **Class rooms with ICT facility and 'smart' class rooms:-One seminar room & 1 Museum**

e. **Students' laboratories** : **Available**

f. **Research laboratories** : **- Available**

39. List of doctoral, Post doctoral registered and Research Associates

a. from the host institution/university :- **nil**

b. from other institutions/universities :- **nil**

40. Number of post graduate students getting financial assistance from the university.- **01**

41. Was any need assessment exercise undertaken before the development of new program(s) ? If

so, highlight the methodology.

- i. Structured feedback was constructed.**
- ii. Feedback was obtained from faculty 100%, peer 25%, PG alumni 25%,dept PG 100%.**
- iii. Based on feedback analysis new programme was designed.**
- iv. Department committee with two external peer approved the programme**
- v. Programme was sent the Dean's committee.**
- vi. Approval from Academic council.**
- vii. Noting by board of management**
- vii. Implementation of programme**

**42. Does the department obtain feedback from**

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? : Yes, the feedback from faculties are utilized for development, designing and up gradation of curriculum and syllabus.**
- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? : Yes.**
  - On staff: Online annual online structured feedback is obtained from the students and utilized for rewarding the staff and those who require improvements are counseled.**
  - On curriculum: The feedbacks from students are utilized for development, designing and up gradation of curriculum and syllabus.**
  - On teaching learning: The teaching learning is evaluated through academic appraisal programme and analyzed in monthly college council meeting and appropriate measures are undertaken.**
  - Evaluation: Exit feedbacks are taken after summative examination. The notable findings are discussed in appropriate university forum.**
- c. Alumni and employers on the programs offered and how does the department utilize the feedback? : Yes, the feedbacks from them are utilized for identification of needs, for development, designing and upgradation of curriculum and syllabus.**

43. List the distinguished alumni of the department (maximum 10) : 5-academics & 5 clinics

<b>Name</b>	<b>Placement</b>
<b>Dr. Kriti Bagri</b>	<b>Reader</b> <b>Newyork in Oral cancer Center</b>
<b>Dr. Sreeja</b>	<b>Faculty Sina National College for Medical Studies,</b> <b>Jeddah, Saudi Arab</b>
<b>Dr. Bharati Saraf</b>	<b>Faculty</b> <b>College of Dentistry, Jazan University, Kingdom of Saudi</b>
<b>Dr. Mandvi</b>	<b>Department of Dentistry, College of Health Sciences,</b> <b>Mekelle University, Ethiopia</b>
<b>Dr. Rahul Patil</b>	<b>Professor</b> <b>M.G.V's K.B.H. Dental College, Panchvati, Nashik</b>
<b>Dr. Ritesh Wadhvani</b>	<b>Professor</b> <b>Govt. Medical College, Latur</b>
<b>Dr. Archana Lanje</b>	<b>Professor</b> <b>Career postgraduate institute of Dental Sciences and</b> <b>Hospital Ghaila, Lukhnow.</b>

44. Give details of student enrichment programs (special lectures / workshops / seminar)

involving external experts. :

<b>Guest Speaker</b>	<b>Topic</b>	<b>Year</b>
<b>Dr. S. R. Gosavi</b>	<b>Metastatic tumors of Oral Cavity</b>	<b>2013</b>
<b>Dr. C. R. Trivedi</b>	<b>Basic Life Support</b>	<b>2014</b>
<b>Dr. S. M. Ganvir</b>	<b>Grossing of Histopathological specimens</b>	<b>2014</b>
<b>Dr.C. R.Trivedi</b>	<b>Basic life support</b>	<b>2014</b>
<b>Dr. Aaswari Patil</b>	<b>Grossing and histopathological reporting.</b>	<b>2015</b>
<b>Dr Radhika Bawle</b>	<b>Talk to the author</b>	<b>2015</b>
<b>Dr. Tilakratne</b>	<b>Aetiology and Pathogenesis of OSMF</b>	<b>2016</b>
<b>Dr. Saman Warnakulasuriya</b>	<b>Medical Interventions and Future Recommendations in OSMF Current research Strategies</b>	<b>2016</b>
<b>Dr. Samarnayake</b>	<b>Panel discussion on OSMF</b>	<b>2016</b>
<b>Dr. Pankaj Chaturvedi</b>	<b>OSCC arising in OSMF patients: Clinicopathologically distinct?</b>	<b>2016</b>
<b>Dr. R. M. Borle</b>	<b>Surgical strategies in OSMF</b>	<b>2016</b>
<b>Dr.C. R.Trivedi</b>	<b>Basic life support</b>	<b>2016</b>
<b>Dr.Atul Shringarpure</b>	<b>Motivational lecture how to utilize internship period</b>	<b>2016</b>
<b>Dr.Anjali Bhandarkar Dr Rahul Kodgule Dr Sneha Limaye Mrs. Liza Firdosy</b>	<b>Guidelines for ICH-GCP (International conference on harmonization -good clinical practices)</b>	<b>2016</b>
<b>Dr. Sachin Sarode</b>	<b>Molecular Carcinogenesis</b>	<b>2017</b>
<b>Dr. Michael Ross</b>	<b>Writing thesis and publication</b>	<b>2017</b>



45. List the teaching methods adopted by the faculty for different programs including clinical teaching. :-

<b>PROGRAMMES</b>	<b>Teaching Methods (Theory)</b>	<b>Teaching Methods (Clinical)</b>
<b>U.G.</b>	<ul style="list-style-type: none"> <li>• Class-room,</li> <li>• PBL,</li> <li>• Integrated teaching,</li> <li>• Seminars ,</li> <li>• Cross word,</li> <li>• Quiz</li> </ul>	<ul style="list-style-type: none"> <li>• Carving of teeth specimens, Early clinical exposure,</li> <li>• Observation of histopathological slides</li> <li>• Tutorials,</li> <li>• Video demonstration</li> </ul>
<b>P.G.</b>	<ul style="list-style-type: none"> <li>• Class-room,</li> <li>• Seminars,</li> <li>• Journal Club,</li> <li>• Case presentation,</li> <li>• Case of the month,</li> <li>• Question of the week,</li> <li>• Library dissertation,</li> <li>• Main dissertation,</li> <li>• Short project</li> <li>• Inter-departmental activities – SISA, OOO, SRS.</li> </ul>	<ul style="list-style-type: none"> <li>• Case discussions,</li> <li>• Slide discussions,</li> <li>• Exposure to histopathological techniques – routine &amp; special,</li> <li>• Haematological examination,</li> <li>• Cytological smear preparation &amp; staining, DOPS,</li> <li>• OMP ,</li> <li>• Video demonstration,</li> <li>• E- museum,</li> </ul>
<b>FELLOWSHIP</b>	<ul style="list-style-type: none"> <li>• Seminars,</li> <li>• Journal Club,</li> <li>• case presentation,</li> <li>• short project,</li> <li>• group discussion.</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstration routine immunohistochemistry, double IHC staining procedure.</li> <li>• Exposure to routine immunohistochemistry, double IHC staining procedure.</li> <li>• Hands on training under supervision</li> </ul>

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

**Yes, through the academic appraisal programme the feedbacks are obtained from the students at the end of each marker point in theory and practical classes to check whether the set learning objectives are met with. Further assessment is done by the performance of the students in the formative and summative examinations.**

**47.** Highlight the participation of students and faculty in extension activities.

- **Screening of pre-cancer & cancer patients by interns & post-graduate students**
- **Speciality camps were organized.**
- **CHCP program for 1st to final year students**
- **Sub-center activities in Hinganghat, Seloo, Pawanar, Pulgaon, Arvi, Warora, Somanath, Zariojamini with rotatory posting of staff and interns**
- **Collaborative interdepartmental treatment and diagnostic camp**
- **Participation in treatment/ diagnostic camp in partnership of various organization like Maharogi Seva Samiti, Anandwan Warora, Rotary Club, Lions Club, Nursing Vyayam shaala, Wani.**

**48.** Give details of “beyond syllabus scholarly activities” of the department:-

- **Practice management skill for dental students,**
- **Yearly UG Convention in collaboration with IDA,**
- **Applying for ICMR/STS Project,**
- **UG Paper and Poster presentation in IDA, FDI and World dental congress,**
- **Involvement of students and inter in NSS activity,**
- **Tele-Oral Pathology**
- **Virtual microscopy**
- **Webinars**
- **Personality Development programme for under and post graduate student**
- **Value education classes**
- **Language classes for UG**

**49.** State whether the program/ department is accredited/ graded by other agencies ? If yes, give details.

**Nil**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- **Generation of Survival Data for OSCC Patient,**
- **Development of indigenous low cost tissue microarray mould**
- **Development of indigenous rapid DNA quantification test for diagnosis of OSCC.**
- **Development of markers to aid in diagnosis and prognosis of OSCC**
- **Generation of tissue archives of OSCC**
- **Registry of Oral Cancer Patient**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

<b>Strengths</b>	<b>Weakness</b>	<b>Opportunities</b>	<b>Challenges</b>
<ul style="list-style-type: none"> <li>• <b>Dept has been awarded as the best Dept. by UG students</b></li> <li>• <b>Staff is highly trained in teaching learning methodology and motivated</b></li> <li>• <b>Large no. of cases of pre-malignancy and malignancy hence can generate basic research material.</b></li> <li>• <b>Availability of Frozen section for better assessment of margins.</b></li> <li>• <b>High citations of publications</b></li> <li>• <b>Innovative Fellowship in Immunohistochemistry</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Few of the topics taught in DADH &amp; Oral Pathology have become obsolete, but are still a part of curriculum because of the binding by regulatory bodies.</b></li> <li>• <b>Reduced post graduate admissions.</b></li> <li>• <b>Lack of MOUs with National &amp; International institutions.</b></li> <li>• <b>No facilities for Faculty Inter-Institutional, National &amp; International exchange program &amp; International collaboration</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Referral centre for IHC studies</b></li> <li>• <b>There is an opportunity for use of frozen IHC in RND oral cancer surgery.</b></li> <li>• <b>To conduct Genetic studies in oral pre-cancer &amp; cancer.</b></li> <li>• <b>Collaboration of projects with general pathology</b></li> <li>• <b>To develop as a referral centre for peripheral areas.</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Lack of takers for dentistry in India</b></li> <li>• <b>Incorporation of legal aspects of Forensic Dentistry.</b></li> </ul>

52. Future plans of the department.

- **Development of Referral centre for IHC studies**
- **Frozen IHC in RND oral cancer surgery.**
- **Publication of a textbook for oral pathology**
- **Development of microbiology lab.**

## Departmental Evaluative Report

1. Name of the Department : **Oral & Maxillofacial Surgery**
2. Year of establishment : **1991**
3. Is the Department part of a college/ Faculty of the university?: **Yes, Part of college**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)  
**UG: BDS,**  
**PG: MDS,**  
**Ph. D.,**  
**Fellowship in oral oncology,**  
**Fellowship in cleft and craniofacial deformities**  
**Certificate course in LASERS**  
**Certificate course in Implants**
5. Interdisciplinary programs and departments involved : **04**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. – **04**
7. Details of programs discontinued, if any, with reasons :  
**PG diploma course was discontinued from the academic year 2017-2018 as there were no takers and financial feasibility could not be established.**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
  - **UG – Annual**
  - **PG – After end of 3 years**
  - **Fellowship – CBCS**
9. Participation of the department in the courses offered by other departments  
Fellowship in Orthognathic surgery, Fellowship in Cleft Orthodontics :  
**Orthodontics**  
Fellowship in Maxillofacial Prosthodontics, Certificate course in Implants:  
**Prosthodontics**  
Clinical posting and lecture in 7th semester: **MBBS**

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned from DCI	Filled	Actual (including CAS & MPS)
Professor	2	4	4 (1 promoted under CAS)
Associate Professor/Reader	5	2	2
Assistant Professor	4	4	4
Lecturer	-	-	-
Tutor / Clinical Instructor	-	-	-
Senior Resident	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. R. M. Borle	M.D.S., F.I.B.O.M.S	Professor, Ph.D supervisor	Oral & Maxillofacial Surgery	33
Dr. G.S.V. Prasad	M.D.S.	Professor	”	13
Dr. Rajanikanth Kambala	M.D.S.	Professor	”	12
Dr. Nitin Bhola	M.D.S., F.I.B.O.M.S, Phd	Professor	”	11
Dr. Prafulla Gaikwad	M.D.S.	Asso. Prof.	”	10
Dr. Anendd Jadhav	M.D.S.	Asso. Prof.	”	6.4
Dr. Akash Kasatwaar	M.D.S.	Asst. Prof	”	4.4
Dr. Bhushan Mundada	M.D.S.	Asst. Prof	”	3.2
Dr. Prachet Dakshinkar	M.D.S.	Asst. Prof	”	0.5
Dr Umesh Bhutekar	M.D.S.	Asst. Prof	”	1.5

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors :

**\*Dr. Alex Mathews, Prof & Post-graduate guide in Prosthodontics, Azeezia College of Dental science and Research, Meeyannoor, Kerala**

**\*Prof. Stefano Benedicenti, Director of Laser Dentistry, University of Genoa, Italy**

13. Percentage of classes taken by temporary faculty – program-wise information : **NIL**

14. Program-wise Student Teacher Ratio

Courses	Ratio
UG	<b>10:1</b>
PG	<b>1:1</b>
Fellowship	<b>4:1</b>
Ph.D	<b>6:1</b>

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :

Sn.	Designation	Sanctioned	Filled	Actual
<b>1.</b>	<b>Technical Staff</b>	<b>2</b>	<b>2</b>	<b>2</b>
<b>2.</b>	<b>Administrative Staff</b>	<b>1</b>	<b>1</b>	<b>1</b>

16. Research thrust areas as recognized by major funding agencies :

**Oral pre-cancer & Cancer: AYUSH & ICMR**

**Infectious diseases affecting head and neck: ICMR**

17. Number of faculty with ongoing projects from

a. national – **Nil**

b. international funding agencies – **Nil**

c. Total grants received. Give the names of the funding agencies, project title and grants received project-wise - **Nil**

18. Inter-institutional collaborative projects and associated grants received

a. National collaboration : **Nil**

b. International collaboration : **Nil**

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

**ICMR Project – 01: Rs 10,000/-**

20. Research facility / centre with ( including national programs etc)

- State recognition: **Referral center for maxillofacial trauma, oral cancer and reconstructive surgeries**
- national recognition: **nil**
- International recognition: **Smile Train Inc., (U.S.A) approved for primary & secondary corrective surgeries of cleft deformities and training of maxillo-facial surgeon in cleft lip and palate surgeries**

21. Special research laboratories sponsored by / created by industry or corporate bodies:

**NIL**

22. Publications:

- Number of papers published in peer reviewed journals : **38**
- Monographs : **03**
- Chapters in Books : **32 Chapters**
- Books edited : **NIL**
- Books with ISBN with details of publishers :  
**Textbook of Oral & Maxillofacial Surgery by Rajiv M. Borle - ISBN(978-93-5152-009-2) Jaypee Brothers medical Publishers (P) Ltd.**  
**Salivary gland pathologies by Rajiv M. Borle & Nisheet Agni - ISBN(978-93-80704-72-2) Jaypee Brothers medical Publishers (P) Ltd**
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) : **Pubmed – 17, Scopus – 8,**



**others - 13**

- Citation Index – : **15.09**
- SNIP : **1.14**
- SJR : **0.824**
- Impact Factor : **1.56**
- h-index : **12**

**23. Details of patents and income generated**

<b>Patents - published</b>	<b>Income Generated</b>
1. Dr. Abhilasha Yadav , Dr R. M. Borle - A protective device to prevent flap trauma in oral submucous fibrosis cases and the method of manufacturing device- Appl no 2698/ MUM/ 2012, Published on 28-03-2014	<b>Nil</b>
2. Dr R. M. Borle - Plate for mandibular condylar fractures. Appl No-792/MUM/2015 , Publication date- 16.9.2016	<b>Nil</b>
<b>Copyrights published</b>	<b>Income Generated</b>
1. Dr R. M. Borle - Describing an anatomic triangle as a simple, reliable and safe tool for identification of Facial nerve in parotid surgeries.	<b>Nil</b>
2. Dr R. M. Borle - A new protocol for surgical management of advanced cases of oral submucous fibrosis with extended nasolabial flaps 1864/2016CO/I	<b>Nil</b>
3. Dr R. M. Borle - A method to identify spinal accessory nerve in posterior triangle of neck intra-operatively 1865/2016CO/I	<b>Nil</b>

**24. Areas of consultancy and income generated : Cleft lip and palate Rs 1.83 crore**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :

**\*Dr R.M.Borle – IBOMS Fellowship, Educational affiliate of plastic surgery education foundation and smile train and recognized surgeon for in-country and overseas of smile train**

**\*Dr. Nitin Bhola - AOCMF fellowship, Germany**

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (specify)

	<b>N.C.</b>	<b>I.C.</b>	<b>E.B.</b>	<b>Any other (Reviewer)</b>
Dr. R.M. Borle	<b>01</b>	-	<b>04</b>	<b>05</b>
Dr. Nitin Bhola	-	-	<b>01</b>	<b>01</b>
Dr.Rajanikanth	-	-	-	<b>01</b>
Dr. Anendd Jadhav	-	-	-	<b>03</b>
Dr. Bhushan Mundada	-	-	<b>02</b>	<b>01</b>

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs). :

- **Basic and advanced course in teacher training**
- **Training in Question paper setting mechanism**
- **Orientation in PG thesis evaluation**
- **Training in communication skill**
- **Training in value education**
- **Orientation in Cochrane literature review,**
- **Research methodology workshop,**
- **Orientation in UNESCO Bioethics Workshop.**
- **Training in basic life support**
- **Training in LRM up gradation through video**

- **Training in aseptic techniques**
- **Training in advanced cardiac life support**
- **Training in basic administrative skill education**

28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects

Course wise students	Percentage
UG	<b>2%</b>
PG	<b>100%</b>
Ph. D	<b>100%</b>
Fellowship	<b>100%</b>

- percentage of students doing projects in collaboration with other universities / industry / institute : **NIL**

29. Awards / recognitions received at the national and international level by

- **Faculty : 24**
- **Doctoral / post doctoral fellows : Nil**
- **Students : UG – 02, PG –08; Total – 10**

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Seminars/ Conferences/ Workshops	Funding - National/International	Outstanding Participant
1 <sup>st</sup> AOMSI Maharashtra state chapter in 09/2013	<b>Institutional funding</b>	Neelam Andrade, Nair dental college Neelima Malik, Karad Institute of medical sciences Rajesh Dhirawani, Jabalpur Srinivasa Gosala, GSR institute, Hyderabad Dr Srivalli ,MGM dental college
Trauma update, Sep'2013	<b>Institutional funding</b>	Ajay Roy Choudhary, AIIMS ., delhi

SAWMAX State conference in 09/2014	<b>Institutional funding</b>	Milind Naik, LV Prasad Eye institute S M Balaji – Balaji dental & Craniofacial hospital, Chennai Vijay Deshmukh – Deshmukh Institute of maxillofacial surgery& research centre, Aurangabad. Kiran Gadre, Bharati vidyapeeth , Pune Indraneel Roy, Pune
International Symposium on Oral Submucous fibrosis (ISOSMF, Feb'16)	<b>Institutional funding</b>	Warnakulasuriya, Kings College, London Dental Institute, UK Tilakaratne W.M., Dean & Prof of Oral pathology, University of Peradeniya, Sri Lanka Dr Pankaj Chaturvedi, Tata Memorial cancer institute, Mumbai Dr Anil D'cruz, Tata Memorial Centre, Mumbai
Regional CME on Pain & Palliative care Dec'16	<b>Institutional funding</b>	Dr Anjali Kolhe, RSTM Nagpur Dr Sema Rao, Mumbai Dr Chandrashekhar Cham, Nagpur Dr Kumar Abhishek, Delhi

31. Code of ethics for research followed by the departments

**Yes, All research Projects are undertaken after the approval of**

**Institutional Ethical Committee,**

**Animal Ethics Committee whenever needed,**

**UNESCO ethics unit as per need**

**Drug trial Ethics Committee as per need**

**The guidelines of institutional IPR policy are strictly adhered.**

32. Student profile program-wise :

Name of the Program	Applications Received	Selected		Pass Percentage	
		Male	Female	Male	Female
UG	Through NEET	09	69	88.8%	91.2%
PG	Through NEET	07	02	100%	100%

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG	NA	81%	16.5%	2.5 %
PG	20%	60%	20%	-
Ph.D	20%	80%	-	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. :

**136 ( All India PG entrance examination, Australia dental board examination, MPSC, etc.,)**

35. Student progression :

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	<b>28%</b>
PG to M.Phil, DM / M Ch / DNB	<b>Nil</b>
PG to Ph.D.	<b>9.1 %</b>
Ph.D. to Post-Doctoral	<b>NA</b>
Employed	
• Campus selection	<b>26%</b>
• Other than campus recruitment	<b>12%</b>
Entrepreneurs	<b>27%</b>

36. Diversity of staff:

**Percentage of faculty who are graduates**

of the same university : **40%**

from other universities within the State : **60%**

from universities from other States : **NIL**

from universities outside the country : **NIL**

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period :

**During the assessment period from 2013-14 to 2016-17 the faculty awarded Ph. D are-  
02**

38. Present details of departmental infrastructural facilities with regard to

a. Library : **Total Number of books – 151**

**: Total number of e-books – 435.**

b. Internet facilities for staff and students : **Available through Wi-fi and LAN**

c. Total number of class rooms : **1 Seminar room**

- d. Class rooms with ICT facility and 'smart' class rooms: **01 Seminar room & 01 Museum available through Wi-fi and LAN**
- e. Students' laboratories : **Available**
- f. Research laboratories: **01(CRL)**

39. List of doctoral, Post doctoral and Research Associates

- a. from the host institution/university : **06 (02 completed Ph.D) –  
Dr. Nitin Bhola, Dr. Abhilasha Yadav, Dr. Anend Jadhav, Dr. Rahul Deshmukh,  
Dr. Prafulla Gaikwad, Dr.Rajanikanth**
- b. from other institutions/universities : **03 -  
Dr.Ramakrishna Shenoy, Dr. Abdul Ahad Khan , Dr. Amzad parvez .**

40. Number of post graduate students getting financial assistance from the university.: **01**

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. **YES**

- **Structured feedback was constructed**
- **Feedback was obtained from faculty-100%, peer-25%, PG alumini-25%, Dept.PG-100%**
- **Based on feedback analysis new program is designed**
- **Department committee with two external peers approved the program**
- **Program was sent to the Dean's committee**
- **Approved by the Academic council**
- **Approved by BOM**
- **Implementation of program**

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? : **Yes, the Feedback from faculties are utilized for development, designing and up-gradation of curriculum and syllabus.**

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback ? : **Yes,**

- **On staff –Online annual structured feedback is obtained and the same is utilized for rewarding the staff and those who require improvement are counseled**
- **On curriculum – The feedback from students are utilized for development, designing and up-gradation of curriculum and syllabus.**
- **Teaching–learning: is evaluated through academic appraisal program and analyzed in monthly college council meeting and appropriate measures are undertaken.**
- **Evaluation: Evaluation of exit feedback taken after summative examination. The notable findings are discussed in appropriate university forum.**

c. Alumni and employers on the programs offered and how does the department utilize the feedback? : **Yes, the feedbacks from them is utilized for identification of needs for development, designing and up-gradation of curriculum and syllabus.**

43. List the distinguished alumni of the department (maximum 10) :

<b>Name of the distinguished alumini</b>	<b>Placement</b>
Dr. Sachin Sachdeva	Editorial board of asian journal of OMS and Fellow of International Association of Oral & Maxillofacial Surgeons, USA.
Dr. Rajat Misuriya	Implantologist & Cosmetic Surgeon Jhansi
Dr. Nitin Bhola	IBOMS member, Consultant Oral & Maxillofacial Surgeon in Central India
Dr. Ranjit Mandwe	Fellow of Head & neck Surgery & oncology, Memorial Sloan Kettering



	Cancer Centre, Oncosurgeon
Dr. Anshul Rai	Consultant Implantologist, AIIMS, Bhopal
Dr. Nisheet Agni	Fellow in cleft lip & palate surgery, Author of “salivary gland pathology” textbook., Mumbai
Dr Ranjeet Mandve	Memorial Sloan kettering Hospital , New York
Dr Poonam Agrawal	Consultant oral surgeon at DOHA, Qatar
Dr Naman Avasthi	Consultant oral surgeon at AIIMS , Bhopal
Dr. Anuj Jain	Consultant oral surgeon at AIIMS , Bhopal

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts. :

Name of the CDE	Year
1 <sup>st</sup> AOMSI Maharashtra state chapter - Neelam Andrade	2013
Basic life support – C.R. Trivedi	2014
Trauma update - Ajay Roy Chowdhary	2014
SAWMAX – S M Balaji	2014
Talk to author - Dr Radhika Bawle	2015
Oral Submucous fibrosis – Tilakaratne, Warnakulasuriya	2016
Motivational lecture – How to utilize internship period - Dr Atul Shrunigarapure	2016
Guidelines for ICH – GCP – Dr. Anjali Bhadarkar, Dr Rahul Kodgule, Dr. Sneha Limaye, Mrs. Liza Firdosy	2016
CME on Pain management & Palliative care – Dr Anjali	2016
Thesis Writing & Research - Michael Ross	2017

45. List the teaching methods adopted by the faculty for different programs including clinical teaching

Programmes	Teaching Methods (Theory)	Teaching Methods (Clinical)
UG	Class room, PBL, Integrated teaching, Seminars, Cross words, Quiz	Chair side clinical teaching, demonstrations, bed side teaching, evening clinics, syndicate learning for radiographic interpretation, tutorials, Two eyed process- integrated teaching for clinical and radiological interpretation, video demonstrations, Clinical skill lab.
PG	Class room, Seminars, journal club, case presentation, case of the week, question of the week, Library dissertation, Main dissertation, Short project, Interdepartmental activities-SISA, OOO, SRS, OO.	OMP, Chair side clinical teaching, demonstrations, DOPS, MINI CEX evaluation, Two eye process- integrated teaching for clinical and radiological interpretation, video demonstrations, e-museum.
Fellowship	Seminars, journal club, case presentation, short project, group discussion	Demonstration of operative procedures, Hands on training, operating under supervision, postoperative care of patients.

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

**Through academic appraisal program, feedback is obtained from the students at the end of each marker point in theory classes and clinical postings to check whether the set learning objectives are met with. Further assessment is done by the performance of students in the formative and summative exam**

47. Highlight the participation of students and faculty in extension activities.

- **Organization of Specialty camps for Oral submucous fibrosis, Oral cancer and cleft cases.**
- **For first year to final year student CHCP programme**
- **Sub- centre activity in Hinganghat, Seloo, Pavnar, Pulgaon, Arvi, Warora, Somnath, Zarijamini with rotatory postings of staff and interns.**
- **Collaborative inter-departmental various treatment and diagnostic camps.**
- **Participation in treatment/diagnostic camp in partnerships with various**

organisations like Maharogi sevasamiti, Anandwan Warora, Rotary club, Lions club, Narasinh VyamshalaVani.

48. Give details of “beyond syllabus scholarly activities” of the department.

- Practice management skills for dental students
- Yearly UG convention in collaboration with IDA
- Applying for ICMR/STS projects
- UG paper and poster presentation in IDA, FDI and world dental congress.
- Involvement of students and interns in NSS activities.
- Personality development program for under and postgraduate students
- Skill lab training
- Webinar
- Language classes for UG Students
- Value education

49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details. **YES SMILE TRAIN Inc., USA**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

#### **Patents - Published**

- Dr. Abhilasha Yadav , Dr R. M. Borle - A protective device to prevent flap trauma in oral submucous fibrosis cases and the method of manufacturing device- Appl no 2698/ MUM/ 2012, Published on 28-03-2014
- Dr R. M. Borle - Plate for mandibular condylar fractures. Appl No- 792/MUM/2015, Publication date- 16.9.2016

#### **Copy Rights - Granted**

- Dr R. M. Borle - Describing an anatomic triangle as a simple, reliable and safe tool for identification of Facial nerve in parotid surgeries.
- Dr R. M. Borle - A new protocol for surgical management of advanced cases of oral submucous fibrosis with extended nasolabial flaps 1864/2016CO/I
- Dr R. M. Borle - A method to identify spinal accessory nerve in posterior triangle

of neck intraoperatively 1865/2016CO/I

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength	Weaknesses	Opportunity	Challenges
<b>Equipments</b>			
<p>✓ All major &amp; sophisticated equipments are available for handling minor and major cases</p> <p>✓ Adequate clinical material with diversity creating more opportunities for clinical &amp; basic research</p> <p>✓ Adequate number of trained and qualified staff</p>	<p>Underutilization of the microscope and lack of skilled manpower for maintenance</p> <p>Lack of research aptitude</p> <p>Interdisciplinary approach for basic research is not explored adequately</p>	<p>Capacity building of manpower thereby Augmentation of reconstructive surgeries with free flaps</p> <p>To emerge as centre of excellence in cancer research</p> <p>To develop a exclusive facility for orthognathic surgery</p>	<p>Limited trained clinical manpower</p> <p>Affordability of patients</p> <p>Floating junior faculty</p>

52. Future plans of the department.

- **Focusing on subspecialties like facial rejuvenation procedures, Botox therapy, hair transplants**
- **Books on Wisdom teeth, instrumentation in oral surgery**
- **Developing centre of excellence for orthognathic surgical procedures**
- **Development of independent Microvascular Surgery unit**
- **Advanced implant procedures like zygoma implants.**

## Evaluative Report of the Department

1. Name of the Department : **Orthodontics & Dento-facial Orthopedics**
  
2. Year of establishment : **1991**
  
3. Is the Department part of a college/Faculty of the university? : **Yes, Part of college**
  
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)  
  
UG : **BDS**  
PG : **MDS**  
Ph.D  
Fellowship - **1. Fellowship in Cleft Orthodontics**  
**2.Fellowship in Orthognathic surgery**
  
5. Interdisciplinary programs and departments involved : **02**
  
6. Courses in collaboration with other universities, industries, foreign institutions, etc. ) **02**
  
7. Details of programs discontinued, if any, with reasons : **Nil**  
**PG Diploma is discontinued from the academic year 2017-18 as there are no taker and financial feasibility could not established.**
  
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System -  
**a.UG – Annual**  
**b.PG – After end of 3 year**  
**c.Fellowship- CBCS**
  
9. Participation of the department in the courses offered by other departments :  
**Faculty development programme of SHPER, DMIMS**  
**Fellowship in Cleft Orthodontics**  
**Fellowship in Orthognathic surgery**  
**Clinical posting of 7<sup>th</sup> semester MBBS Students**

**10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	02	02	<b>02</b>
Associate Professor/Reader	05	04	<b>04</b>
Assistant Professor	02	02	<b>02</b>
Lecturer	01	01	<b>01</b>
Tutor / Clinical Instructor	01	01	<b>01</b>
Senior Resident	-	-	-

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>No. of Years of Experience</b>
Dr. Sunita Shrivastav	MDS	Dean Acad. & HOD	Orthodontics	24 Year
Dr. R. H. Kamble	MDS	Professor	Orthodontics	22Year
Dr. Narendra Sharma	MDS	Asso. Professor	Orthodontics	9.6 Year
Dr. Vasudevan SD	MDS	Asso. Professor	Orthodontics	7.10 Year
Dr. Pallavi Daigavane	MDS	Asso. Professor	Orthodontics	7.9 Year
Dr. Priyanka Niranjane	MDS	Asso. Professor	Orthodontics	6.3 Year
Dr. Rizwan Gilani	MDS	Ass. Professor	Orthodontics	2.9 Year
Dr. Krishna Sharma	MDS	Ass. Professor	Orthodontics	2.3 Year
Dr. Garima Arya	MDS	Lecturer	Orthodontics	1 Month
Dr. Priyanka Pariyal	BDS	Tutor	Orthodontics	6 Months

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors : **Nil**

13. Percentage of classes taken by temporary faculty – program-wise information:  
**Nil**

14. Program-wise Student Teacher Ratio

Courses	Ratio
UG	<b>10:1</b>
PG	<b>1:1</b>
PhD	<b>2:1</b>
Fellowship	<b>2:1</b>

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :

	Sanctioned	Filled	Actual
Technical Staff	<b>02</b>	<b>02</b>	<b>02</b>
Administrative Staff	<b>01</b>	<b>01</b>	<b>01</b>

16. Research thrust areas as recognized by major funding agencies :  
**Cleft Orthodontics, (Smile Train USA, ICMR)**  
**New clinical Innovations, Airway & TMD's management (ICMR)**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

**NIL**

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration      b) International collaboration

**NIL**

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

**ICMR Project-03    Rs75000/-**

20. Research facility / centre with ( **including national programs etc**)
- State recognition: **NIL**
  - National recognition: **BeTIC (Incubation Centre)**
  - International recognition: **Smile Train, USA Inc (Primary and secondary care center)**
21. Special research laboratories sponsored by / created by industry or corporate bodies
- NIL**
22. Publications: (List of Details is Annexed)
- \* Number of papers published in peer reviewed journals (national / international): **64**
  - \* Monographs : **02**
  - \* Chapters in Books : **01**
  - \* Books edited : **Nil**
  - \* Books with ISBN with details of publishers: **Nil**
  - \* Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.): **18**
  - \* Citation Index – range / average : **6**
  - \* SNIP: **1.47**
  - \* SJR : **0.10 – 1.25**
  - \* Impact Factor – range / average : **0.32 – 3.15**
  - \* h-index : **04**



**23. Details of patents and income generated**

<b>Sr. No.</b>	<b>Year</b>	<b>Name of Published Patent</b>	<b>Income generated</b>	<b>Diary no.</b>
1	2014	Electro Palato Vision device for electro palatography to evaluate tongue to palate contact during swallowing & speech	Not intended to generate income	2216/MUM/2013 Dated 03/07/2013
2	2013	2 piece flexible premaxilla correction appliance and the method of fabrication thereof	Not intended to generate income	691/MUM/2013 dated 07/03/2013
3	2015	Intrusion retraction spring	Not intended to generate income	4244/MUM/2014
4	2015	Class II corrector appliance	Not intended to generate income	348/MUM/2015
5	2015	Clear block appliance	Not intended to generate income	1942/MUM/2015
6	2017	Bite gauge	Not intended to generate income	201621030673
7	2017	SAGA tongue trainer	After verification can be of commercial use	201721014372

**24. Areas of consultancy and income generated : Nil**

**25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : 03 (VNIT,GDC)**

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (specify)

Name of Faculty	N.C	I.C	E.B	Any Other (Reviewer)
Dr. Sunita Shrivastav	01	-	02	01
Dr. R. H. Kamble	-	-	-	02
Dr. Narendra Sharma	-	-	01	01

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

**Orientation programme & workshop were conducted by**

- **Basic and advanced course in teacher training**
- **Training in Question Paper setting mechanism**
- **Orientation in PG Thesis evaluation**
- **Training in communication skill**
- **Training in value education**
- **Orientation in Cochrane literature review**
- **Training in research methodology workshop**
- **Orientation in UNESCO Bioethics**
- **Training in basic life support**
- **Training in LRM up- gradation through video**
- **Training in aseptic technique**
- **Training in basic administrative skill education**

**28. Student projects**

- percentage of students who have taken up in-house projects including inter-departmental projects

<b>Course wise Students</b>	<b>Percentage</b>
<b>UG</b>	<b>2%</b>
<b>MDS</b>	<b>100%</b>
<b>PhD</b>	<b>100%</b>
<b>Fellowship</b>	<b>100%</b>

- Percentage of students doing projects in collaboration with other universities / industry / institute : **10%**

**29. Awards / recognitions received at the national and international level by**

- Faculty – **09**
- Doctoral / post doctoral fellows – **01 Phd**
- Students – Total-**23**  
**PG-23**  
**UG- Nil**

**30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.: 05**

<b>Seminar /Conference /Workshops</b>	<b>Funding</b>	<b>Outstanding participant</b>
International Symposium of Cleft Surgeries	Intramural	Dr. Agneta Marcusson & Dr. Jan Lilja
Speech & its role in Cleft Workshop	Intramural	Dr. Ms Vadakkanthara Savitha
Workshop on - Multidisciplinary Application of Anatomic Articulator In TMD And Orthognathic Surgery Cases, at SPDC, Sawangi	Intramural	Dr. Senthil Kumar
CDE – on Clinical Photography of Dentistry	Intramural	Dr. M.B. Vyas

Workshop - Understanding Evidence Based Orthodontics (EBO): A need of the hour	Intramural	Dr. N. Toshaniwal
--	------------	-------------------

31. Code of ethics for research followed by the departments  
**Yes, All research Projects are undertaken after the approval of Institutional Ethics Committee, Animal Ethics Committee whenever needed, Drug Trial Ethics committee as per need, UNESCO Ethics Committee as per need**  
**The guidelines of institutional IPR policy are strictly adhered.**

32. Student profile program-wise:

Name of the Program	Applications Received	Selected		Pass Percentage	
		Male	Female	Male	Female
UG	Through NEET	09	69	88.8%	91.2%
PG	Through NEET	04	03	100%	100%

33. Diversity of students

Name of the Program	% of Students from the same university	% of students from other universities within the State	% of students from other universities outside the State	% of students from other countries
UG	NA	81%	16.5%	2.5%
PG	40%	40%	20%	Nil
PhD	66.66%	--	33.33%	--

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

**136 (All India PG entrance examination, Australia Dental board examination MPSC etc)**

35. Student progression :

<b>Student progression</b>	<b>Percentage against enrolled</b>
<b>UG to PG</b>	<b>28%</b>
PG to M. Phil, DM / M Ch / DNB	<b>Nil</b>
PG to Ph.D.	<b>4%</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	<b>26 %</b> <b>12%</b>
Entrepreneurs	<b>27%</b>

36. Diversity of staff

**Percentage of faculty who are graduates**

of the same university :**11.11%**

from other universities within the State :**66.67%**

from universities from other States :**22.22%**

From universities outside the country :**Nil**

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period :

**During the assessment period from 2013-14 to 2016-17 the faculty awarded MPhil and PhD degree as under**

**Total-02**

**PhD-01**

**MPhil-01**

38. Present details of departmental infrastructural facilities with regard to
- a) Library Books : **Total Number of books- 123**  
: **Total Number of e-Books- 350**
  - b) Internet facilities for staff and students : **Yes (Through Wi-fi and LAN)**
  - c) Total number of class rooms: **01 Seminar room**
  - d) Class rooms with ICT facility and 'smart' class rooms: **01 Seminar room,**  
**01 Museum available through Wi-fi and LAN**
  - e) Students' laboratories : **Yes, Available**
  - f) Research laboratories : **Yes, Centralized facility in the form of CRL**
39. List of doctoral, Post doctoral and Research Associates –
- a) from the host institution/university – **Nil**
  - b) from other institutions/universities – **Nil**
40. Number of post graduate students getting financial assistance from the university: **12**
41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.
- **Structured feedback form was constructed for need assessment**
  - **Feedback was obtained from faculty (100%), peers (25), and post graduate alumni (25), Department PG students (100%).**
  - **Based on the feedback analysis, new programme was designed**
  - **Department curriculum committee with two external peers approved the programme**
  - **Programme was sent to Dean's committee**
  - **Approval from academic council was obtained**
  - **Approval From BOM**
  - **Implementation of the programme**

42. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback ? : **Yes, The Feedback from faculties are utilized for development, designing and up-gradation of curriculum and syllabus.**
  - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback ? : **Yes,**
    - \* **On Staff – online annual structured feedback is obtained .the same is utilized for rewarding and those who required improvement are counseled.**
    - \* **On curriculum - The Feedback from faculties are utilized for development, designing and up-gradation of curriculum and syllabus.**
    - \* **Teaching-Learning is evaluated through Academic appraisal programme, the marker point and analyzed in monthly college council meeting and appropriate measures are undertaken.**
    - \* **Evaluation- exit feedbacks are taken after summative exam. The notable findings are discussed in appropriate university forum.**
  - alumni and employers on the programs offered and how does the department utilize the feedback ? : **Yes, The Feedback from them are utilized for identification of needs for development, designing and updation of curriculum and syllabus.**

43. List the distinguished alumni of the department (maximum 10) : **NIL**

<b>Alumni</b>	<b>Academics</b>	<b>Practice</b>	<b>Entrepreneurship</b>
Dr. Nitin Arora	Academics Delhi	Practice	-
Dr. Sumit Ghonmode	Academics GDC, Mumbai	Practice	-
Dr. Pavan Kumar Vibhute	HOD, Academics YDC, Khed	Practice	Entrepreneurship
Dr. Mrunal Aley	Academics Kalmegh, Nagpur	Practice	-

Dr. Prasad Konda	Academics Hyderabad	Practice	-
Dr. Shantanu Khatri	Professor – carrier dental college, Lucknow	Practice	-
Dr. Hemant Kumar	Academics Nepal Dental College	Practice	-
Dr. Rishi Joshi	Academics Hitkarni DC Jabalpur	Practice	-
Dr. Amol Verulkar	Academics VYWSDC Amravati	Practice	-

**44.** Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts. :

International Symposium of Cleft Surgeries	Dr. Agneta Marcusson & Dr. Jan Lilja	2013
Speech & its role in Cleft Workshop	Dr. Ms Vadakkanthara Savitha	2014
Workshop on - Multidisciplinary Application Of Anatomic Articulator In TMD And Orthognathic Surgery Cases, at SPDC, Sawangi	Dr. Senthil Kumar	2014
Basic life support	Dr. J.R.Trivedi	2014
CDE – on Clinical Photography of Dentistry	Dr. M.B. Vyas	2015
Workshop - Understanding Evidence Based Orthodontics (EBO): A need of the hour	Dr. N. Toshaniwal	2016
Motivational lecture-how to utilize intership period	Dr. Atul shrungarpure Dr. Rashmi Bansal	2016
Basic life support	Dr. J.R.Trivedi	2016



Guideline for ICH-GCP (International Conference on Harmonization of Good Clinical Practisce2016	Dr. anjali bhanadarkar Dr. Rahul Kodgule Dr. Sneha Limye Mrs. Liza Firdosy	2016
Writing and thesis and research paper	Dr. Michael Ross	2017
Writing thesis and Publication	Dr. Michael Ross	2017

**45. List the teaching methods adopted by the faculty for different programs including clinical teaching.**

Programme	Teaching method (Theory)	Teaching method (Clinics)
UG	Class Room, PBL, Integrated teaching, Seminar, crossword, Quiz	Chair side clinical teaching, demonstration, syndicate learning for radiographic interpretations, tutorial, two eye process integrated teaching for clinical model, radiological and photographic interpretation ,e-museum, video demonstration
PG	Class Room Seminar, Journal Club, Case Presentation, Case of the week, question of the week, library Dissertation, main dissertation, short project, interdepartmental activity - SISA, SRS, Ortho-OS,Ortho-Pedo	OMP, chair side clinical teaching, demonstrations, DOPS, Mini CEX evaluation, Syndicate learning for radiographic interpretations tutorial, integrated teaching for clinical and radiological interpretation, Video demonstration, complete case evaluation using clinical examination, model analysis.  Typodonts Exercise
Fellowship	Seminar, Journal Club, short project, group discussion	Demonstration of working of various removable and fixed appliances. Hands on training under supervision, interpretation exercise for CT, MRI & USG.

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?  
**yes**
- **Through the Academic Appraisal programme the feedbacks are obtained from the students at the end of each marker point through theory classes to check where the set learning objectives are met. Further assessment as done by the performance of students in the Formative and summative examination.**
47. Highlight the participation of students and faculty in extension activities.
- **Specialty camps were organized**
  - **Outreach activity with rotatory posting of staff and interns to the Sub centers in Hinganghat, Seloo, Pawnar, Pulgaon, Arvi, Warora, Somnath, Zari jamani,**
  - **An CHCP programme is held for the students of First Year and second Year BDS.**
  - **Department participates in the various diagnostic and treatment camps organized with other departments and in collaboration with various organization like Maharogy seva samiti, Anandwan, Warora, Rotary club, Lions club, Narsingh vyayam shala, Wani.**
  - **Collaborative interdepartmental various treatment and diagnostic camps.**
48. Give details of “beyond syllabus scholarly activities” of the department.
- **Practices management skill for dental student**
  - **Yearly UG convention in collaboration with IDA**
  - **Applying for ICMR/STS Project**
  - **UG Paper & Poster presentation in IDA, FDI & WDC**
  - **Involvement of students and interns in NSS activities**
  - **Personality development programme for UG & PG students**
  - **Webinar**
  - **Value education**
  - **Language classes for UG**

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

**Smile train orthodontics**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- **Appliance developed can be used for evaluating altered swallowing pattern and its consequences on facial growth. It can also be used to de-programme the altered tongue pressure and contact**
- **a simple easy to fabricate low cost appliances for the purpose of correcting class II malocclusion was developed and public is benefitted at large**
- **a simple easy to fabricate low cost appliances for the purpose of correcting bilateral cleft lip and palate was developed and public is benefitted at large**
- **With the development new classification system in identifying different cleft patterns, suitable treatment being started for the affected children using PNAM**
- **Construction of lingual trainer (SAGA) and it's use for de-programming tongue posture**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths	Weakness	Opportunities	Challenges
<ul style="list-style-type: none"> <li>• All staff experienced and qualified</li> <li>• Most of the faculty pursuing additional qualification or with additional qualification</li> <li>• Faculties are also resource person for CME's</li> <li>• Researches exploring new avenues of diagnosis and treatment</li> </ul>	<ul style="list-style-type: none"> <li>• Lack of adequate funding from government agencies</li> <li>• Lack of International collaboration</li> </ul>	<ul style="list-style-type: none"> <li>• Development of innovative appliances for patents in collaboration with engineering colleges</li> <li>• Interdisciplinary management of TMD's, Prosthesis &amp; sleep apnea cases</li> <li>• Orthodontics for prosthetic</li> </ul>	<ul style="list-style-type: none"> <li>• Very few funding agencies ready for dental ventures</li> <li>• Unaffordable patients due to Expensive material for advanced treatment</li> <li>• Setting up of lingual lab</li> </ul>

<ul style="list-style-type: none"> <li>• faculties pursuing research in collaboration with other universities, inter- institutional research</li> <li>• 06 patents published and developing new patents</li> <li>• Variety of clinical materials available</li> <li>• Different types of treatment mechanics are practiced.</li> <li>• Innovations in Teaching learning Evaluation</li> </ul>		<p>rehabilitation</p> <ul style="list-style-type: none"> <li>• Developing methods to accelerate orthodontic treatment</li> </ul>	
---	--	--	--

**52. Future plans of the department.**

- Development as referral center for advance study
- Publication of specialty book
- Use of clinical patents by the department faculty in routine treatment training
- Development of new biomedical engineering innovations
- To develop the department in collaboration with Dept of Oral surgery, SPDC and Dept. of Plastic Surgery, AVBRH as a CENTRE OF EXCELLENCE for Orthognathic Surgery.
- To develop the department in collaboration with dept. of Prosthodontics SPDC for adjunctive orthodontic treatment for prosthetic rehabilitation.
- To develop the department in collaboration with Dept of ENT AVBRH for SLEEP APONEA MANAGEMENT

## Evaluative Report

### Department of Pedodontics & Preventive Dentistry

1. Name of the Department : **Pedodontics and Preventive Dentistry**
2. Year of establishment : **1991**
3. Is the Department part of a college/Faculty of the university? : **Yes, Part of college.**
4. Names of programs offered (UG, PG, D. Pharm, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.):  
**UG : BDS**  
**PG : MDS**  
**Fellowship : Fellowship in Pediatric Orthodontics**  
**Ph.D.**
5. Interdisciplinary programs and departments involved: **01**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:  
**01**
7. Details of programs discontinued, if any, with reasons: **NIL**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System :  
 a) U.G.: **Annual**  
 b) P.G.: **After end of 3 years**  
 c) Fellowship: **CBCS**
9. Participation of the department in the courses offered by other departments:  
**Fellowship in Department of Orthodontics – Dept of Orthodontics**  
**Faculty development Programme of SHPER, DMIMS**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	<b>01</b>	<b>02</b>	<b>02</b>
Associate Professor/Reader	<b>02</b>	<b>02</b>	<b>02</b>
Assistant Professor	<b>01</b>	<b>01</b>	<b>01</b>
Lecturer	-	-	-
Tutor/ Clinical Instructor	-	<b>01</b>	<b>01</b>
Senior Resident	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Sudhindra Baliga	MDS	Vice Dean Professor and Head	Pedodontics and Preventive Dentistry	14 years, 06 months
Dr. Nilima Thosar	MDS	Professor	Pedodontics and Preventive Dentistry	18 years, 04 months
Dr. Nilesh Rathi	MDS	Associate Professor	Pedodontics and Preventive Dentistry	07 years, 08 months
Dr. Punit Fulzele	MDS	Associate Professor	Pedodontics and Preventive Dentistry	04 years, 10 months
Dr. Monika Khubchandani	MDS	Assistant Professor	Pedodontics and Preventive Dentistry	04 years, 10 months

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors : **02**  
**\*Dr. Manohar Bhat, Dean, Professor and Head, Pedodontics, Jaipur Dental College, Jaipur**  
**\*Dr Sham Bhat, Vice Dean, Professor & Head, Pedodontics, Yenepoya Dental College, Mangalore**

13. Percentage of classes taken by temporary faculty – program-wise information :  
**NIL**

14. Program-wise Student Teacher Ratio :

Courses	Ratio
UG	<b>20:1</b>
PG	<b>1:1</b>
Ph.D.	<b>1:1</b>

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Sr.No	Designation	Sanctioned	Filled	Actual
1	Technical staff	2	2	2
2	Administrative staff	1	1	1

16. Research thrust areas as recognized by major funding agencies : **Herbal Medicines by AYUSH**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: **NIL**

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration:  
**NIL**

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

**ICMR: 01 Project, Rs.10,000/-**

20. Research facility / centre with (Including national programs etc)

- State recognition: **NIL**
- National recognition: **NIL**
- International recognition: **NIL**

21. Special research laboratories sponsored by / created by industry or corporate bodies: **NIL**

22. Publications:

- Number of papers published in peer reviewed journals (national / international): **65 (List Annexed)**
- Monographs: **NIL**
- Chapters in books: **4 chapters in 3 books**
- Books edited: **NIL**
- Books with ISBN with details of publishers: **NIL**
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.): **35 (Pub Med: 25, Scopus: 15)**
  - Citation Index- range/average: **6.7**
  - SNIP: **0.16- 0.61**
  - SJR: **0.137- 0.243**

•Impact factor: **0.671**

•h index: **9**

23. Details of patents and income generated

Patent	Income	Copyright	Income
Patents Published: 3  1) Patent title: Fibre-optic device to test tooth vitality Status: Published 09/12/2016 and ready for examination Name of staff: Dr.Punit Fulzele Diary number: 201621029248  2) Patent title: Tooth holding device for transportation of avulsed tooth Status: Published 09/12/2016 and ready for examination Name of staff: Dr.Punit Fulzele Diary number: 201621030628  3) Patent title: A pharmaceutical composition for dental treatment and process for preparing the same Status: Published 30/06/2017 Name of staff: Dr.Nilesh Rathi Diary number: 2017221021462	Nil	Copy right Granted :1 Diary number: 10203/2015-CO/L	Nil

24. Areas of consultancy and income generated : **NIL**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : **NIL**

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (specify)

Name of faculty	Serving Agency/ Board/ Committee			
	NC	I.C.	E.B.	Any other (Reviewer)
Dr.Sudhindra Baliga	02	-	02	01
Dr.Nilima Thosar	-	-	01	04
Dr.Nilesh Rathi	-	-	-	01
Dr.Punit Fulzele	-	-	-	01
Dr.Monika Khubchandani	-	-	-	-



27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

- **Basic course and Advance course in teacher training**
- **Training in Question paper setting mechanism**
- **Orientation in PG thesis evaluation**
- **Training in Communication skill**
- **Training in Value Education**
- **Orientation in COCHRANE literature review**
- **Training in Research Methodology**
- **Orientation in UNESCO bioethics**
- **Training in Basic life support**
- **Training in LRM up-gradation through video**
- **Training in Aseptic techniques**
- **Training in Basic Administrative skill education**

28. Student projects

- Percentage of students who have taken up in-house projects including inter-departmental projects

Course	Percentage
UG	3 %
PG	100%
Ph.D.	100%
Fellowship	100%

- percentage of students doing projects in collaboration with other universities / industry / institute :

**U.G.: NIL, P.G.: 60%**

29. Awards / recognitions received at the national and international level by

- Faculty : **16**
- Doctoral/ Post doctoral fellows: **02**
- Students : **U.G.: 5, P.G.: 15, Total: 20**

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

---

Seminars, Conferences/ Workshops	Funding National/ International	Outstanding participants
CDE: Who wants to be successful Dentist Date: 23/03/2013	Intramural	Dr.Sukhdeep Singh, Prof. and Head, Sharda Dental College, Noida
CDE: Management of ECC bridging the gap between science and practice Date: 07/03/2015	Intramural	Dr.Anand Nayak, Prof. and Head, NIMS Dental College, Jaipur
CDE: Play safe Date: 07/09/2015	Intramural	1. Dr.Ravindra Puppala, Prof and Head, SVS Dental college, Mehboobnagar, Hyderabad 2. Dr.Balaji Kethineni, Professor, SVS Dental college, Mehboobnagar, Hyderabad
CDE: MID – Conserve to preserve Date: 26/02/2017	Intramural	1. Dr.Anand Nayak, Prof. and Head, NIMS Dental College, Jaipur 2. Dr.Rashmi Nayak, Prof. and Head, MCOADS, Manipal

31. Code of ethics for research followed by the departments

**Yes, All research Projects are undertaken after the approval of**

- **Institutional Ethics Committee,**
- **Animal Ethics Committee whenever needed**
- **Drug trial ethics committee as per need**
- **UNESCO ethics committee as per need**
- **The guidelines of institutional IPR policy as strictly adhered**

32. Student profile program-wise:

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	Through NEET	9	69	88.8%	91.2%
PG	Through NEET	1	2	100%	100%

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within	% of students from universities outside the	% of students from other
--	---	--	---	-----------------------------------

UG	NIL	81%	16.5%	2.5%
PG	37.03%	55.55%	7.40%	Nil
PhD	100%	-	-	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

**136 (All India PG entrance examination, Australia Dental board examination MPSC etc)**

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	28%
PG to M.Phil, DM / M Ch / DNB	20%
PG to Ph.D.	Nil
PhD. to Post-Doctoral	Nil
<b>Employed</b>	
Campus selection	26%
Other than campus recruitment	12%
Entrepreneurs	27%

36. Diversity of staff

**Percentage of faculty who are graduates**

of the same university	40%
from other universities within the State	20%
from universities from other States	40%
From universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, MCh, Ph.D., D.Sc. and D.Litt. during the assessment period :

**The faculty awarded Ph.D. degree are as under**  
**Ph.D.: 02**

38. Present details of departmental infrastructural facilities with regard to

- a) Library : **Total Number of books - 92**  
: **Total number of e books - 340**
- b) Internet facilities for staff and students : **Yes, available through WiFi and LAN**
- c) Total number of classrooms : **1 Seminar room**
- d) Class rooms with ICT facility and 'smart' classrooms: **Available**
- e) Students' laboratories : **Yes**
- f) Research laboratories : **01 (CRL)**

- 
39. List of doctoral, Post doctoral and Research Associates
- a) from the host institution/university : **Nil**
- b) from other institutions/universities : **Nil**
40. Number of post graduate students getting financial assistance from the university: **09**
41. Was any need assessment exercise undertaken before the development of new program(s)  
? If so, highlight the methodology.
- **Structured feedback was constructed**
  - **Feedback was obtained from faculty-100%, peer-25%, PG alumini-25%, Dept.PG-100%**
  - **Based on feedback analysis new program is designed**
  - **Department committee with two external peers approved the program**
  - **Program was sent to the Dean's committee**
  - **Approved by the Academic council**
  - **Approved by BOM**
  - **Implementation of program**
42. Does the department obtain feedback from
- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? :
- Yes, The Feedback from faculties are utilized for development, designing and up-gradation of curriculum and syllabus.**
- b. Students on staff, curriculum and teaching-learning-evaluation and
-

how does the department utilize the feedback? : **Yes,**

**On staff:** Online annual structured feedback is obtained from students and the same is utilized for rewarding and those who require improvement are counseled.

**On curriculum:** The feedback from students are utilized for development, designing and up-gradation of curriculum and syllabus.

**Teaching Learning:** The teaching learning is evaluated through Academic Appraisal programme and analyzed in monthly college council meeting and appropriate measures are undertaken.

**Evaluation:** Exit feedbacks are taken after summative examination. The notable findings are discussed in appropriate university forum.

- c. Alumni and employers on the programs offered and how does the department utilize the feedback ? : **Yes**  
**Feedback from them are utilized for identification of needs, for development, designing and up-gradation of curriculum and syllabus.**

43. List the distinguished alumni of the department (maximum 10) :

Sr. No.	Name of the distinguished alumni	Placement
1	Dr. Vidhi Kharabe	Senior Resident Pedodontics, Dental and Maxillofacial Centre, Bahrain Defense Force Royal Medical
2	Dr. Punit Fulzele	Reader, SPDC, Wardha

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts:

Name of CDE	Year
Who Wants To Be A Successful Dentist? - Dr. Sukhdeep Singh	2013
Basic Life Support - Dr. CR Trivedi	2014
Play Safe - Dr. Ravindra Puppala Dr. Balaji.k	2015
Basic life support – Dr.C.R.Trivedi	2014
Talk to authors – Dr.Radhika Bawle	2015
Motivational Lecture-how to utilize internship period – Dr.Atul Shringarpure	2016
Guidelines for ICH-GCP (International Conference on Harmonization-Good Clinical Practices) – Dr. (Mrs) Anjali Bhandarkar, Dr.Rahul Kodgule, Dr.Sneha Limaye, Mrs. Leena Firdosy	2016
Writing thesis and publication – Dr.Michael Ross	2017

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

Programmes	Teaching methods (Theory)	Teaching methods (Clinical)
UG	<ul style="list-style-type: none"> <li>•Classroom</li> <li>•PBL</li> <li>•Integrated teaching</li> <li>•Seminars</li> <li>•Crossword</li> <li>•Quiz</li> </ul>	<ul style="list-style-type: none"> <li>•Chair side Clinical teaching</li> <li>•Demonstrations</li> <li>•Tutorials</li> <li>•Integrated teaching for clinical and radiological interpretation</li> <li>•Video demonstrations</li> </ul>
PG	<ul style="list-style-type: none"> <li>• Classroom,</li> <li>• seminars,</li> <li>• journal club,</li> <li>• case presentation,</li> <li>• case of week,</li> <li>• question of week,</li> <li>• library dissertation,</li> <li>• Main dissertation,</li> <li>• short project,</li> <li>• Interdepartmental activities- SISA, Ortho-Pedo, SRS</li> </ul>	<ul style="list-style-type: none"> <li>• OMP,</li> <li>• Chair side clinical teaching,</li> <li>• demonstrations</li> <li>• DOPS, Mini CEX evaluation,</li> <li>• video demonstrations,</li> <li>• e-museum</li> </ul>
Fellowship	<ul style="list-style-type: none"> <li>• Seminar,</li> <li>• Journal club,</li> <li>• Case presentation,</li> <li>• short project</li> </ul>	<ul style="list-style-type: none"> <li>• Group discussion,</li> <li>• training under supervision</li> </ul>

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

**Through the Academic appraisal programs, feedbacks are obtained from the students at the end of each marker point in theory classes and clinical postings to check whether the set learning objectives are met or not. Further assessment is done by the performance of students in the formative and**

**summative exams.**

47. Highlight the participation of students and faculty in extension activities.
- Oral Health Mela,
  - School Dental Health Program,
  - For first year to final year student for CHCP program (for early clinical exposure)
  - Sub-center activity in Hinganghat, Seloo, Pawanar
  - Collaborative inter-departmental treatment and diagnostic camp
  - Treatment/ diagnostic camps in partnership with various organizations like Maharogi Seva Samiti, Anandwan Warora, Rotaryclub, lions Club, Nursing wyaam shalla, Wani.
48. Give details of “beyond syllabus scholarly activities” of the department.
- **Communication skills**
  - **Practice management**
  - **Applying for ICMR/ STS projects**
  - **UG and PG Poster & Paper Presentation**
  - **Involvement of students in NSS activities**
  - **Personality development program**
  - **Webinars**
  - **Value Education**
  - **Language class**
49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.
- NIL**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- Triple antibiotics paste for Regenerative Endodontics,  
Technique for delivering crown,  
Formulation of herbal medications in endodontics**
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

<b>Strength</b>	<b>Weakness</b>	<b>Opportunity</b>	<b>Challenges</b>
<ul style="list-style-type: none"> <li>• All staff experienced and qualified</li> <li>• Most of the faculty pursuing higher education</li> <li>• Faculties are resource person for CME's</li> <li>• Staff associated</li> </ul>	<ul style="list-style-type: none"> <li>• Limited funded projects</li> <li>• Lack of International Collaborations</li> <li>• Inadequate undergraduate projects</li> </ul>	<ul style="list-style-type: none"> <li>• To create exclusive speciality clinic devoted to special health care need children</li> <li>• Cloud based clinical and preclinical</li> </ul>	<ul style="list-style-type: none"> <li>• Less takers for dentistry</li> <li>• Ethical issues to treat children at schools</li> </ul>

<p>with various national bodies and organizations</p> <ul style="list-style-type: none"> <li>• Staff working on vital position in university and college administration</li> <li>• 02 patents published and further development in progress</li> </ul>		<p>interactive teaching program</p> <ul style="list-style-type: none"> <li>• Advanced mobile dental clinic for specialty care</li> </ul>	<ul style="list-style-type: none"> <li>• To compete with government institutions for funded projects obtained from reputed agencies</li> </ul>
--	--	--	--

**52. Future plans of the department.**

- Book planned on Dental trauma
- Fellowship planned- Minimal Invasive dentistry
- Development of Referral center – Children with special health care needs.



## Evaluative Report of the Department

1. **Name of the Department** : **Periodontics**
2. **Year of establishment** : **1991**
3. **Is the Department part of a College/Faculty of the university?** : **Yes, part of college**
4. **Names of programs offered (UG, PG, Pharm D, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)**  
**UG: B.D.S.,**  
**PG: M.D.S.,**  
**Ph.D:**
5. **Interdisciplinary programs and departments involved** : **NIL**
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.** **02**
7. **Details of programs discontinued, if any, with reasons :**  
**PG diploma course is discontinued from the academic year 2017-18 as there were no takers and financial feasibility could not be established.**
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System -**
  - a. **UG: Annual**
  - b. **PG : After end of 3 years**
  - c. **Fellowship : CBCS**
9. **Participation of the department in the courses offered by other departments:**
  - a. **Certificate Course in Implant (Prosthodontics & Oral Surgery)**
  - b. **Clinical Posting and lecture for MBBS 7<sup>th</sup> Semester**
  - c. **Faculty Development Program of SHPER DMIMS**

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	2	2 (1 Promoted Under CAS)
Associate Professor/Reader	3	1	1
Assistant Professor	3	2	2
Lecturer	-	-	-
Tutor / Clinical Instructor	-	1	1
Senior Resident	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr Prasad Dhadse	MDS	Professor & HOD	Periodontology	18 Years 7 Months
Dr M.L.Bhongade	B.S.C, MDS	Professor	Periodontology	34 years
Dr Vidya Baliga	MDS	Professor	Periodontology	9 Years 11 Months
Dr Priyanka Jaiswal	MDS	Associate Professor	Periodontology	8 Years 1 months
Dr Pavan Bajaj	MDS, M Phil	Assistant Professor	Periodontology	5 Years
Dr Vikas Pakhare	PG Diploma	Assistant Professor	Periodontology	9 months

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors :  
**Dr. Alex Mathews, Prof & Post-graduate guide in Prosthodontics, Azezia College of Dental Science and Research, Meeyannoor, Kerala**

13. Percentage of classes taken by temporary faculty – program-wise information  
**Nil**

14. Program-wise Student Teacher Ratio

Courses	Ratio
UG	<b>14:1</b>
PG	<b>1:1</b>
PhD	<b>5:1</b>

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :

Sn.	Designation	Sanctioned	Filled	Actual
1.	<b>Technical Staff</b>	<b>2</b>	<b>2</b>	<b>2</b>
2.	<b>Administrative Staff</b>	<b>1</b>	<b>1</b>	<b>1</b>

16. Research thrust areas as recognized by major funding agencies :

**Scientific Validation of Herbal medicines- ICMR**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. **NIL**

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration      b) International collaboration      : **NIL**

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

**ICMR Project -2 Rs 50,000/-**

20. Research facility / centre with ( **including national programs etc**)

- state recognition: **NIL**
- national recognition: **BeTIC (Incubation Centre)**
- international recognition: **NIL**

21. Special research laboratories sponsored by / created by industry or corporate bodies : **NIL**

22. Publications:

\* Number of papers published in peer reviewed journals (national / international): 55

\* Monographs : **4**

\* Chapters in Books : **2**

\* Books edited : **NIL**

\* Books with ISBN with details of publishers :

1. Dr M L Bhongade. Application of Lasers in Periodontal and Implant Therapy, Monograph Scholars Press 2017 9783330650510.
2. Dr Ashish Dambhare, Dr Prasad Dhadse, Dr M L Bhongade Implant Supported Overdenture: An Update Monograph Scholars Press 2016, 9783659839856
3. Dr M L Bhongade, Dr. Sneha Puri Manual of temporomandibular joint Chapter Relation of periodontal health with temporomandibular joint, Jaypee, 2016 9789385891090
4. Dr M L Bhongade, Dr Nachiket Shah Current Status of Proinflammatory Cytokines in Periodontal Disease and During Periodontal Therapy Monograph Nova Publishers, 2015 9781634830560
5. Dr M L Bhongade Textbook of Periodontology and Oral Implantology, 2nd Edition Chapter Resective Osseous Surgery, Elsevier India, 2015 9788131210598

6. Dr Prasad Dhadse, Dr M L Bhongade, Bacteria and host interaction in periodontal health and disease. Monograph LAMBERT, 2014 9783659536793.

\* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) : **25**

\* Citation Index – range / average: 5.94

\* SNIP: 0.6-1.32

\* SJR : 0.202-0.631

\* Impact Factor – range / average: 0.38-1.13

\* h-index : 13

23. Details of patents and income generated : **NIL**

24. Areas of consultancy and income generated : **NIL**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :

**2 (Dr Kaustubh Thakare & Dr Preeti Charde) ITI scholarship Serbia**

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (specify)

Name Of Faculty	NC	IC	EB	Any Other (Reviewer)
<b>Dr. Prasad Dhadse</b>	-	-	2	3
<b>Dr. Vidya Baliga</b>	-	-	1	3
<b>Dr. Priyanka Jaiswal</b>	-	-	-	3
<b>Dr Pavan Bajaj</b>	-	-	1	3

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

- Basic & Advanced Course in Teacher Training
- Training in Question Paper Setting Mechanism
- Orientation in PG Thesis Evaluation
- Training in Communication skill
- Training in Value education for health profession
- Training in Basic life support workshop
- Orientation in Cochrane literature review
- Training in Research methodology workshop
- Orientation in UNESCO Bioethics Workshop
- Training in LRM up gradation through Video
- Training in Aseptic Techniques
- Training in Basic Administrative Skill Education

28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects

Course wise Students	Percentage
UG	<b>2 %</b>
PG	<b>100%</b>
Ph. D	<b>100%</b>

- percentage of students doing projects in collaboration with other universities / industry / institute : **NIL**

29. Awards / recognitions received at the National and International level by

- Faculty : **32**
- Doctoral / post doctoral fellows: **NIL**
- Students: **PG:15, UG:8 Total: 23**

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Seminars/ Conferences/Workshops	Funding - National/Internation	Outstanding participants
“Gene Polymorphism and its relation to Periodontics” on 28th November 2014	Intramural funding	Dr Mayur Kaushik
“Recent Advances in Periodontics” on 27th July 2015	Intramural funding	Dr C D Dwarkanath
“Esthetics Lip Surgeries” on 30th July 2016	Intramural funding	Dr Prashanth Bhusari Dr Prasad Dhadse

31. Code of ethics for research followed by the departments

**Yes, All research Projects are undertaken after the approval of**

- \* **Institutional Ethics Committee,**
- \* **Animal Ethics Committee whenever Need**
- \* **UNESCO ethics unit as Per Need**
- \* **Drug trial Ethics committee as Per Need**
- \* **The guidelines of institutional IPR policy are strictly adhered.**

32. Student profile program-wise :

Name of the Program	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
UG	Through NEET	9	69	88.8%	91.2%
PG	Through NEET	0	3	-	100%

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG	-	81%	16.5%	2.5%
PG	21%	79%	-	-
PhD	60%	20%	20%	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

**136 (All India PG Entrance examination, Australia Dental Board Examination, MPSC etc)**

35. Student progression :

Student progression	Percentage against enrolled
UG to PG	28%
PG to M.Phil, DM / M Ch / DNB	Nil
PG to Ph.D.	8%
Ph.D. to Post-Doctoral	Nil
<b>Employed</b>	
Campus selection	26%
Other than campus recruitment	12%
Entrepreneurs	27%



36. Diversity of staff  
**Percentage of faculty who are graduates**
- |  |   |            |
|--|---|------------|
| of the same university                   | : | <b>17%</b> |
| from other universities within the State | : | <b>50%</b> |
| from universities from other States      | : | <b>33%</b> |
| from universities outside the country    | : | <b>-</b>   |
37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period :  
**The faculty awarded MPhil Degree are as under**
- M.Phil: 1**
38. Present details of departmental infrastructural facilities with regard to
- |   |   |  |
|---|---|--|
| a) Library  | : | <b>Total Number of books- 124</b><br><b>e-books- 324</b> |
| b) Internet facilities for staff and students             | : | <b>Yes, Available Through Wi-fi and LAN</b>              |
| c) Total number of class rooms                            | : | <b>1 Seminar Room</b>                                    |
| d) Class rooms with ICT facility and 'smart' class rooms: | : | <b>1 Seminar Room &amp; 1 Museum</b>                     |
| e) Students' laboratories                                 | : | <b>NIL</b>   |
| f) Research laboratories                                  | : | <b>01(CRL)</b>   |
39. List of doctoral, Post doctoral and Research Associates
- |  |            |
|--|------------|
| a) from the host institution/university: | <b>NIL</b> |
| b) from other institutions/universities: | <b>NIL</b> |
40. Number of post graduate students getting financial assistance from the university : **7**

41. Was any need assessment exercise undertaken before the development of new program(s) ? If so, highlight the methodology.

- Structured feedback was constructed
- Feedback was obtained from faculty-100%, peer-25%, PG alumini-25%, Dept.PG-100%
- Based on feedback analysis new program is designed
- Department committee with two external peers approved the program
- Program was sent to the Dean's committee
- Approved by the Academic council
- Approved by BOM
- Implementation of program

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback ? :

**Yes, The Feedback from faculties are utilized for development, designing and upgradation of curriculum and syllabus.**

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback ? : **Yes,**

**On staff:** Online annual structured feedback is obtained from students and same is utilized for rewarding the staff and those who require improvement are counseled.

**On Curriculum:** The Feedback from students are utilized for development, designing and upgradation of and syllabus.

**On Teaching Learning:** Is evaluated through the academic appraisal programme and analysed in college council meeting and appropriate measures are undertaken  
**Evaluation Exit feedback are taken after summative exams. The notable findings are discussed in appropriate university forums.**

c. alumni and employers on the programs offered and how does the department utilize the feedback ? :

**Yes, The Feedback from them are utilized for identification of needs for development, designing and upgradation of curriculum and syllabus.**

43. List the distinguished alumni of the department (maximum 10) :

SR.NO	NAME OF THE FACULTY	DESIGNATION
1.	Dr. Ashok Bhati	Assistant Professor, Department of Periodontics, College of Dentistry, Jazan University, Saudi Arabia
2.	Dr. Kaustubh Thakare	ITI Scholar
3.	Dr. Gagan Jaiswal	President, IDA Indore branch
4.	Dr. Priti Charde	ITI Scholar
5.	Dr. Nupur Singh	Joined as a student in Periodontics preceptorship program University of California Los Angeles
6.	Dr Ishan Tiwari,	Consultant Periodontist UK
7.	Dr. Anirudha Deshpande	Treasurer of IDA Branch Aurangabad NAO at sumanjali hospital,Aurangabad
8.	Dr. Ramesh Chavan	Registrar Periodontics Security Force hospital MOI Riyadh, Saudi Arabia
9.	Dr. Priyanka Jaiswal	Associate Professor, Dept. of Periodontics, Sharad Pawar Dental College, Sawangi (meghe)

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts. :

Name of Program	Year
“Gene Polymorphism & Its Relation to Periodontics” – Dr Mayur Kaushik	2014
Basic Life Support - Dr C R Trivedi	2014
Recent Advances in Periodontics Speaker- Dr. C. D. Dwarkanath	2015
Talk to Author- Dr Radhika Bawle	2015
Motivational Lecture – How to utilize internship Period- Dr Atul Shingarpure	2016
Basic Life Support - Dr C R Trivedi	2016
Esthetic lip surgeries Speaker- Dr. Prashant Bhusari	2016

Guidelinelines for ICh GCP (International Conference On Harmonization – Good Clinical Practices )- Dr Anjali Bhandarkar Dr Rahul Kodgule Dr Sneha Limaye Mrs Liza Firdosy	<b>2016</b>
Writing thesis and publication- Dr. Michael Ross	<b>2017</b>

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

<b>Programs</b>	<b>Teaching methods (theory)</b>	<b>Teaching methods (clinical)</b>
U G	<ul style="list-style-type: none"> <li>* Classroom,</li> <li>* PBL,</li> <li>* Integrated teaching,</li> <li>* seminar,</li> <li>* Crossword,</li> <li>* Quiz.</li> </ul>	<ul style="list-style-type: none"> <li>* Chair side clinical teaching,</li> <li>* Demonstrations,</li> <li>* Tutorials,</li> <li>* Integrated teaching for clinical and radiological interpretation,</li> <li>* Video Demonstrations.</li> </ul>

P G	<ul style="list-style-type: none"> <li>* Classroom,</li> <li>* Seminar,</li> <li>* Journal club,</li> <li>* Case presentation,</li> <li>* Case of the month,</li> <li>* Question of the week,</li> <li>* Library dissertation,</li> <li>* Main dissertation,</li> <li>* Short project,</li> <li>* Interdepartmental activities- SISA, SRS</li> </ul>	<ul style="list-style-type: none"> <li>* OMP,</li> <li>* Chair Side clinical teaching,</li> <li>* demonstration,</li> <li>* DOPS,</li> <li>* Mini CEX evaluation,</li> <li>* Tutorials,</li> <li>* Video Demonstration</li> <li>* E-museum</li> </ul>
-----	--	---

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

**Through the Academic Appraisal Program feedbacks are obtained from the students at the end of each marker points in theory classes and clinical postings to check whether the set learning objectives are met with, further assessment is done by performance of students in formative and summative examination.**

47. Highlight the participation of students and faculty in extension activities.

- Specialty camps are organized.
- First year to final year students CHCP program.
- Sub center activity in hinganghat, seloo, Pawnar, Pulgaon, Arvi, Warora, Somnath, Zarijamani, with rotatory posting of staff and intern.
- Collaborative interdepartmental various treatments/diagnostic camps.
- Participation with various organizations like maharogi seva samiti, anandwan warora, rotary club, lions club, narasinh vyayam shala Wani, participated in treatment – diagnostic camp. Faculties of other departments regularly involve in each activities.

48. Give details of “beyond syllabus scholarly activities” of the department.
- Practice management skills for dental students
  - Yearly UG Convention in collaboration with IDA
  - Applying for ICMR/STS project
  - UG paper and poster presentation in IDA, FDI and world dental congress.
  - Involvement of students and interns in NSS activities.
  - Personality development program for under and postgraduate students.
  - Webinars
  - Live surgical demonstration
  - Value education
  - Language Classes for UG Students
49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details : **NIL**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.  
**Development of Herbal mouth rinse and subgingival irrigation**  
**Treatment protocol for Esthetic Lip Surgeries**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength	Weaknesses	Opportunity	Challenges
<ul style="list-style-type: none"> <li>• Access to utilize advanced periodontal instruments during periodontal therapy</li> <li>• Staff with additional qualifications &amp; expertise in advanced surgical techniques such as microsurgery, implantology and Laser therapy.</li> <li>• Research oriented staff currently involved in presentations of research work in state, National and international conferences and publish research papers in high impact factor journals</li> <li>• 50 % of the faculties with additional administrative responsibilities</li> <li>• Collaborative Publications in</li> </ul>	<ul style="list-style-type: none"> <li>• Lack of adequate funding from government agencies</li> <li>• Lack of IPR from the faculty</li> </ul>	<ul style="list-style-type: none"> <li>• Can be a Centre for providing training in perio-esthetic and advanced periodontal therapy due to availability of advanced instruments</li> <li>• Can develop short term courses for developing skills for use of Laser and implants for dental graduates.</li> <li>• Platform for starting fellowships /certificate courses in perio esthetics and Periodontal microsurgery.</li> </ul>	<ul style="list-style-type: none"> <li>• Lack of undergraduate and postgraduate admissions.</li> <li>• Rural based hospital-Difficult to motivate the patient population for advanced periodontal therapy.</li> </ul>

<p>high impact factor journal</p> <ul style="list-style-type: none"> <li>• Most of the articles indexed in Scopus and PubMed</li> </ul>			
---	--	--	--

52. Future plans of the department.

- **Development of centre of excellence for lip esthetic surgery**
- **Fellowship courses in Perio-esthetic surgeries using micro-surgical techniques**
- **Coming up with specialty books in Instrumentation in Periodontics and Implant supported Over-denture**
- **Advanced Adjunctive implant surgeries.**



### Evaluative Report of the Department

1. Name of the Department : **Public Health Dentistry**
2. Year of establishment : **1991**
3. Is the Department part of a college/Faculty of the university? : **Yes, Part of college**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship,etc.)

**UG : BDS**

5. Interdisciplinary programs and departments involved : **NIL**
6. Courses in collaboration with other universities, industries, foreign institutions,etc.: **NIL**
7. Details of programs discontinued, if any, with reasons: **NIL**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System - **Annual / Semester /Choice based Credit system**

<b>UG - Annual</b>
--------------------

9. Participation of the department in the courses offered by other departments : **NIL**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned From DCI	Filled	Actual (including CAS & MPS)
Professor	<b>0</b>	<b>0</b>	<b>0</b>
Associate Professor/Reader	<b>1</b>	<b>1</b>	<b>1</b>
Assistant Professor	<b>3</b>	<b>1</b>	<b>1</b>
Lecturer	<b>-</b>	<b>2</b>	<b>2</b>
Tutor / Clinical Instructor	<b>-</b>	<b>-</b>	<b>-</b>
Senior Resident	<b>-</b>	<b>-</b>	<b>-</b>

11. Faculty profile with name, qualification, designation, area of specialization, experience and research underguidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Shravani Deolia	M.D.S. Fellowship in Bioethics	Associate Professor	Public Health Dentistry	4 years 11 days
Dr. Sourav Sen	M.D.S. Postgraduate diploma in epidemiology	Assistant Professor	Public Health Dentistry	3 years 4 months
Dr Meenakshi	B.D.S	Tutor	-	11 months
Dr. Amit Reche	B.D.S	Tutor	-	11 months

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors : **NIL**

13. Percentage of classes taken by temporary faculty – program-wise information  
**Nil**

14. Program-wise Student Teacher Ratio

Courses	Ratio
UG	<b>25:1</b>
PG	<b>NA</b>

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Sn.	Designation	Sanctioned	Filled	Actual
1.	<b>Technical Staff</b>	<b>2</b>	<b>2</b>	<b>2</b>
2.	<b>Administrative Staff</b>	<b>1</b>	<b>1</b>	<b>1</b>

16. Research thrust areas as recognized by major funding agencies:

**\*Nutritional and cancer -ICMR**

**\*Air and Noise pollution -ICMR**

**\*Dental Anthropology –ICMR**

**\* Oral Precancer& Oral Cancer- Ayush & ICMR**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

**NIL**

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration          b) International collaboration

**NIL**

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : **NIL**

20. Research facility / centre with ( **including national programs etc**)

- State recognition: **NIL**
- National recognition :**NIL**
- International recognition: **NIL**

21. Special research laboratories sponsored by / created by industry or corporate bodies

**NIL**

22. Publications:

\* Number of papers published in peer reviewed journals (national / international): **41** (List Annexed)

\* Monographs :**NIL**

\* Chapters in Books :**NIL**

\* Books edited :**NIL**

\* Books with ISBN with details of publishers :**NIL**

\* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO

host, Medline, etc.) :**10**

- Citation Index – range / average 0 to 8 : 4.375
- SNIP : 0.99
- SJR : 0.496
- Impact Factor – range / average 0 to 0.9
- h-index : 3

23. Details of patents and income generated  
**NIL**

24. Areas of consultancy and income generated : **NIL**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad :**NIL**

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other(specify)

<b>Name of Faculty</b>	<b>N.C.</b>	<b>I.C.</b>	<b>E.B.</b>	<b>Any other (Reviewer)</b>
<b>Dr. Shravani Deolia</b>	-	-	-	<b>2</b>

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

- **Basic course and advanced course in teacher training**
- **Training in Question paper setting mechanism**
- **Orientation in Pg thesis evaluation**
- **Training in Communication skill**
- **Training in Value education**
- **Orientation in COCHRANE literature review**
- **Training in Research methodology**
- **Orientation in UNESCO bioethics**
- **Training in Basic life support**
- **Training in LRM up-gradation through video**
- **Training in Aseptic techniques**
- **Training in basic administrative skill education**

28. Student projects

- Percentage of students who have taken up in-house projects including inter-departmental projects

Course wise Students	Percentage
UG	22.4%

- Percentage of students doing projects in collaboration with other universities / industry / institute : **NIL**

29. Awards / recognitions received at the national and international level by

- Faculty : **Nil**
- Doctoral / post doctoral fellows : **NA**
- Students : **UG:04**

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Seminars/Conferences/Workshops	Funding - National/International	Outstanding participants
<b>Dental Ethics and Consumer Protection Act 8<sup>th</sup> May 2014</b>	<b>Intramural</b>	<b>Dr. Satish Tiwari</b>
<b>SPSS Usage And Sample Size Calculation 8<sup>th</sup> November 2014</b>	<b>Intramural</b>	<b>Dr. S.P.Rao</b>
<b>Critical Evaluation of Journal Club 12<sup>th</sup> December 2015</b>	<b>Intramural</b>	<b>Dr. S.P.Rao</b>
<b>Guidelines for ICH- GCP(International Conference on Harmonization-Good Clinical Practices) 1<sup>st</sup> December 2016</b>	<b>Intramural</b>	<b>Dr.(Mrs) Anjali Bhadarkar Dr.Rahul Kodgule Dr.Sneha Limaye Mrs.Liza Firdosy</b>

31. Code of ethics for research followed by the departments  
**Yes, All research Projects are undertaken after the approval of Institutional Ethics Committee, Animal Ethics Committee whenever needed Drug trial ethics committee as per need UNESCO ethics committee as per need The guidelines of institutional IPR policy are strictly adhered.**

32. Student profile program-wise .:

Name of the programme	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
BDS	Through NEET	9	69	88.8%	91.2%
MDS	NA				

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BDS	NA	81%	16.5%	2.5%

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

**136 (All India PG entrance examination, Australia Dental board examination MPSC etc)**

35. Student progression:

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	28%
PG to M.Phil, DM / M Ch / DNB	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
<b>Employed</b>	
Campus selection	26%
Other than campus recruitment	12%
Entrepreneurs	27%

36. Diversity of staff  
**Percentage of faculty who are graduates**

of the same university	:	<b>33.3%</b>
from other universities within the State	:	<b>0%</b>
from universities from other States	:	<b>66.6%</b>
from universities outside the country	:	<b>0%</b>

37. Number of faculty who were awarded M.Phil.,DM, MCh, Ph.D., D.Sc. and D.Litt. during the assessment period :**NIL**

38. Present details of departmental infrastructural facilities with regard to

- a) Library : **Total Number of books - 38**  
**:Total Number of e-books - 66**
- b) Internet facilities for staff and students :**Yes, available through Wi-fi and LAN**
- c) Total number of classrooms : **1 Seminar room**
- d) Class rooms with ICT facility and 'smart'classrooms: **1 Seminar room & 1 Museum available through Wi-fi and LAN**
- e) Students' laboratories : **Nil**
- f) Research laboratories : **01(CRL)**

39. List of doctoral, Post doctoral and Research Associates
- a) from the host institution/university : NIL
  - b) from other institutions/universities : NIL
40. Number of post graduate students getting financial assistance from the university. : NA
41. Was any need assessment exercise undertaken before the development of new program(s) ? If so, highlight the methodology. : NA
42. Does the department obtain feedback from
- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback ?:  
**Yes, The Feedback from faculties are utilized for development, designing and up-gradation of curriculum and syllabus.**
  - b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback ? : **Yes,**
    - **on staff- Online annual structured feedback is obtained and the same is utilized for rewarding and those who require improvement are counseled**
    - **on curriculum- The Feedback from students are utilized for development, designing and up-gradation of curriculum and syllabus.**
    - **teaching learning- is evaluated through academic appraisal programme and analyzed in monthly college council meeting and appropriate measures are undertaken**
    - **evaluation – exit feedback are taken after summative exam. The notable findings are discussed in appropriate university forums.**
  - c. alumni and employers on the programs offered and how does the department utilize the feedback ? :  
**Yes, the feedback from them is utilized for identification of needs for development, designing and up-gradation of curriculum and syllabus.**



43. List the distinguished alumni of the department (maximum 10) :

Name of the distinguished alumni	Placement
Dr. Dipti Wakode	Diploma in PHD from New-zealand university, Auckland

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.:

<b>Name of CDE</b>	<b>Year</b>
<b>Dental Ethics and Consumer Protection Act- Dr Satish Tiwari</b>	<b>2014</b>
<b>SPSS Usage And Sample Size Calculation- Dr S.P.Rao</b>	<b>2014</b>
<b>Basic life support- Dr C. R . Trivedi</b>	<b>2014</b>
<b>Talk to authors – Dr Radhika Bawle</b>	<b>2015</b>
<b>Critical evaluation on Journal Club</b>	
<b>Motivational lecture-how to utilize internship period- Dr Atul Shrungarpure</b>	<b>2016</b>
<b>Basic Life support- Dr C. R . Trivedi</b>	<b>2016</b>
<b>Guidelines for ICH- GCP(International Conference on Harmonization-Good Clinical Practices)- Dr.(Mrs) Anjali Bhadarkar Dr.Rahul Kodgule Dr.Sneha Limaye Mrs.Liza Firdosy</b>	<b>2016</b>
<b>Writing thesis and publication- Dr Michael Ross</b>	<b>2017</b>

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

PROGRAMMES	Teaching Methods(Theory)	Teaching Methods(Clinical)
UG	<ul style="list-style-type: none"> <li>• Class room</li> <li>• PBL</li> <li>• Integrated Teaching</li> <li>• Seminars</li> <li>• Cross word</li> <li>• Quiz</li> </ul>	<ul style="list-style-type: none"> <li>• Chair side Clinical Teaching</li> <li>• Demonstration</li> <li>• Video Demonstration</li> <li>• Tutorial</li> <li>• Comprehensive health care programme</li> </ul>

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

**\*Yes , through academic appraisal programme feedbacks are obtained from the students at the end of each marker points in theory classes and clinical postings to check whether the set learning objectives are met. Further assessment is done by the performance of students in the formative and summative examination.**

47. Highlight the participation of students and faculty in extension activities.

- Department organizes and celebrates many NSS days such as No Tobacco Week, International Women's day, World cancer Day camps and events are carried out for awareness and education of general population.
- Department organizes 2 Specialty camp every month along with 2 on demand camps from community are carried out.
- Department carry out CHCP program for first year to final year student at the villages adopted by DMIMS(DU) university along with Medical and nursing students where students screen the family members and educate them about good oral hygiene practices and creating awareness about diseases related to oral cavity.
- Regular visits and comprehensive oral health services are provided in various satellite centre of the institute like Hinganghat, Seloo, Deoli, Pawnar, Pulgaon, Pimpalkhuta, Arvi by the department.
- Department have collaboration with Trilokchand Shantidevi Kochhar Trust and Maharogi Seva Samiti, Varora where regular treatment camps are conducted.
- Department organizes in collaboration with other department various treatment and diagnostic camps.
- Department participates in treatment/ diagnostic camps with partnership of various organization like Rotary club, Lions Club, Nursing Vyayaam shalla.

48. Give details of “beyond syllabus scholarly activities” of the department.
- Practice management skill for dental students,
  - Yearly UG Convention in collaboration with IDA
  - Applying for ICMR/STS Project,
  - UG Paper and Poster presentation in IDA, FDI and World dental congress,
  - Involvement of students and interns in NSS activity.
  - Personality Development programme for under graduate.
  - Webinars
  - Value education
  - Language classes for UG students

49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details.

**Nil**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

**Nil.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Sn	Stren	Weakness	Opportunities	Challenges
1.	<ul style="list-style-type: none"> <li>• Regular outreach activities with multi-disciplinary approach apart from established 11 rural satellite centre</li> <li>• Well maintained mobile dental van</li> <li>• Organization and participation by the department under NSS activities for various National and International Health and oral health days celebrations</li> </ul>	<ul style="list-style-type: none"> <li>• Lack of Pg , Doctoral and post-doctoral programme</li> <li>• Lack of International collaboration</li> <li>• Deficiency of funded projects</li> </ul>	<ul style="list-style-type: none"> <li>• Establishment of comprehensive oral health care unit</li> <li>• To start pg program</li> <li>• Capacity building in research by conducting hand on courses in biostatistics and research methodology</li> <li>• Initiation of Community based dental education program for reality based learning experience.</li> <li>• Establishment of tobacco counseling and de-addiction centre affiliated from TCC India</li> <li>• Establishing MOU with other university/institutions for doing inter-institutional projects</li> </ul>	<ul style="list-style-type: none"> <li>• Lack of takers for dentistry in India</li> <li>• Procurement of funds for performing ‘specific protection’ in normative need areas.</li> </ul>

- 52.** Future plans of the department.
- \* Publication of specialty book/monographs
  - \* Development of referral center for tobacco cessation
  - \*Community based research

## Evaluative Report of the Department

1. Name of the Department : **Prosthodontics and crown and bridge**
2. Year of establishment : **1991**
3. Is the Department part of a College/Faculty of the university? : **Yes, it is part of college**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)  
U.G : **BDS**  
P.G : **MDS**  
: **PhD**  
: **Fellowship in**  
**Maxillofacial Prosthodontics**  
**Esthetic Dentistry**
5. Interdisciplinary programs and Departments involved : **NIL**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. : **02**
7. Details of programs discontinued, if any with reason  
**P.G. Diploma** course was discontinued from 2017-18 as there were no takers and financial feasibility could not be established
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
  - a. UG - **Annual**
  - b. PG - **After end of 3 years**
  - c. Fellowship - **CBCS**
9. Participation of the department in The courses offered by other Departments :
  - **Implant certificate course Module-Restorative / Prosthodontics phase Oral Surgery and Periodontics**
  - **Fellowship in Esthetic Dentistry - Conservative and Orthodontics**
  - **Clinical posting and lectures of Final MBBS (7<sup>th</sup> semester)**
  - **Faculty development program of SHPER**

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/ others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	02	02	03 (1 Promoted under CAS)
Associate Professor/Reader	04	03	03
Assistant Professor	08	04	04
Lecturer	-	-	-
Tutor / Clinical Instructor	-	03	03
Senior Residents	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr.Surekha Godbole	MDS , PhD	Professor and Head	Prosthodontics Crown and bridge	<b>21 yrs</b>
Dr. A. J. Pakhan	MDS	Professor	Prosthodontics Crown and bridge	<b>31 yrs</b>
Dr. Seema Sathe	MDS	Professor	Prosthodontics Crown and bridge	<b>13 yrs</b>
Dr. Trupti Dahane	MDS, PhD	Reader	Prosthodontics Crown and bridge	<b>11 yrs</b>
Dr. Mithilesh Dhamande	MDS, M.Phil	Reader	Prosthodontics Crown and bridge	<b>7 yrs</b>
Dr. Sweta Kale	MDS, PhD, M.Phil	Reader	Prosthodontics Crown and bridge	<b>6 yrs</b>
Dr Rajiv Bhola	MDS	Sr. Lecturer	Prosthodontics	<b>4 yrs</b>

			Crown and bridge	
Dr. Vikram Belkhode	MDS	Sr. Lecturer	Prosthodontics Crown and bridge	<b>2 yrs</b>
Dr. Shrayu Nimonkar	MDS	Sr. Lecturer	Prosthodontics Crown and bridge	<b>2 yrs</b>
Dr. Tanvi Jaiswal	MDS	Sr. Lecturer	Prosthodontics Crown and bridge	<b>1 yrs</b>

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors  
**Dr. Alex Matthew Muruppel, Prof. and Post Graduate Guide, Azezia College of Dental sciences and research, Meeyannoor Kollam, Kerala**

13. Percentage of classes taken by Temporary faculty - programwise information  
 :NIL

14. Program-wise Student Teacher Ratio

<b>Cources</b>	<b>Ratio</b>
<b>UG</b>	10:1
<b>PG</b>	1:1
<b>Fellowship</b>	3:1
<b>PhD</b>	1:1

15. Number of academic supportstaff (technical) and administrativestaffsanctioned, filled and actual :

<b>Sr. No.</b>	<b>Designation</b>	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual</b>
1.	Technical Staff	4	4	4
2.	Administrative Staff	1	1	1

16. Research thrust areas as Recognized by major fundingAgencies

- **Implant Prosthodontics**
- **Geriatric dentistry**
- **Full mouth rehabilitation in collaboration with orthodontic department**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.  
National : **Nil**  
International: **Nil**
18. Inter-institutional collaborative projects and associated grants received  
a) National collaboration : **Nil**  
b) International collaboration : **Nil**
19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.  
**STS: Project: 3**  
**Total: -Rs 30,000**
20. Research facility / centre with  
State recognition : **Nil**  
National recognition : **BeTIC (incubation center)**  
International recognition : **Nil**
21. Special research laboratories sponsored by / created by industry or corporate bodies : **NIL**
22. Publications:  
\* Number of papers published in peer reviewed journals (national / international) **58**  
\* Monographs : **03**  
\* Chapters in Books : **03**  
\* Books edited : **Nil**  
\* Books with ISBN with details of publishers : **Nil**  
\* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) **91**  
\* Citation Index – range / average : **7**  
\* SNIP : **0.31-0.62**  
\* SJR : **0.13-0.736**  
\* Impact Factor – range / average : **0.62**  
\* h-index: **07**



23. Details of patents and income generated :

Sr. No.	Year	Name of Published Patent	Income generated	Diary no.
1	2012	Retention measuring apparatus for maxillary complete denture	Not intended to generate income	2702/MUM/2012 Dated 17/09/2012
2	2012	Ultraviolet Disinfection Unit For Disinfection Of Dental Impressions And Method Thereof	Not intended to generate income	2699/MUM/2012 Dated 17/09/2012
3	2015	Modified Stethoscope For Auscultation Of Temporomandibular Joint Sounds And Method Thereof	Not intended to generate income	2700/MUM/2012 Dated 17/09/2012

24. Areas of consultancy and income generated : Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : Nil

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (specify)

Name of Faculty	N.C	I.C	E.B.	Any other (Reviewer)
Dr. Surekha Godbole	-	-	01	04
Dr. Seema Sathe	-	-	-	02
Dr. Trupti Dahane	-	-	-	01
Dr. Sweta Pisulkar	-	-	-	02

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

- **Basic course and advance course in teachers training**
- **Training in Question paper setting mechanism**
- **Orientation in PG thesis evaluation**
- **Training in Communication skill**
- **Training in Value education for health profession**
- **Orientation in Cochrane literature review**
- **Training in Research methodology**
- **Orientation in UNESCO Bioethics**
- **Training in Basic life support**
- **Training in LRM up gradation through video**
- **Training in aseptic technique**
- **Training in basic administrative skill education**

28. Student projects

Percentage of students who have taken up in-house projects including Interdepartmental projects

Course wise	Percentage
UG	<b>2 %</b>
PG	<b>100%</b>
PhD	<b>100%</b>
Fellowship	<b>100%</b>

Percentage of students doing projects in collaboration with other universities / industry / institute: **50%**

29. Awards / recognitions received at the national and international level by

- Faculty : **23**
- Doctoral / postdoctoral fellows :**03**
- Students :UG: 00 P.G.: 15 total :**15**

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Seminars/Conferences/Workshops	Funding - National/International	Outstanding participants
Treatment planning and modalities for edentulous patients Related to Implant supported over-Denture 18 <sup>th</sup> June 2013	Intramural funding	<b>Dr. Michael</b>
“FULL MOUTH REHABILITATION” 16 <sup>th</sup> & 17 <sup>th</sup> August 2013	Intramural funding	<b>Dr. Rajesh Sethuraman, K M Shah</b>
Maxillofacial Prosthodontics: An art of shade Matching 8 <sup>th</sup> Oct. 2014	Intramural funding	<b>Dr. Alka Gupta</b>
Occlusion in Complete Denture 6 May2015	Intramural funding	<b>Dr. Nitin Vaidya</b>
Dental Implantology (FEM model of implant) 24 August 2015	Intramural funding	<b>Dr.Siddharth Gosavi</b>
Implants for Today 27 August 2015	Intramural funding	<b>Dr. Mohit Keur</b>
Music Therapy in Prosthodontics <b>25<sup>th</sup> October 2016</b>	Intramural funding	<b>Dr. Neelam Pande</b>
Material selection in porcelain veneers by 20 <sup>th</sup> Dec. 2016	Intramural funding	<b>Dr. Anjali Bhojar</b>

**31. Code of ethics for research followed by the departments**

- **Yes, All research Projects are undertaken after the approval of**
- **Institutional EthicsCommittee,**
- **AnimalEthicsCommittee when ever needed,**
- **Drug trial Ethics committee**
- **UNESCO ethics unit as per need,**
- **The guidelines of institutional IPR policy are strictly adhered.**

32. Student profile program wise

Name of the	Application Received	Selected		Pass Percentage	
		Male	Female	Male	Female
UG	Through NEET	9	69	88.8%	91.2%
PG	Through NEET	5	4	100%	100%

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
U.G	NA	81%	16.5%	2.5%
PG	89%	00%	11%	NIL
PhD	100%	NA	NA	NIL

34. How many students have cleared civil services and defense examination, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examination give detail:

**136(All India PG entrance examination Australian Dental Board examination MPSC etc)**

35. Student Progression

Student progression	Percentage against enrolled
UG to PG	28%
PG to M.Phil, DM / M Ch / DNB	0.83%
PG to Ph.D.	12.3%
Ph.D. to Post-Doctoral	NA
Employed	26%
Campus selection	12%
Other than campus recruitment	
Entrepreneurs	27%

36. Diversity of staff

**Percentage of faculty who are Post Graduate**

Of the same university	: 60%
From other universities within the State	: 40 %
From universities from other States	: NIL
From universities outside the country	: NIL

37. Number of faculty who were awarded M.Phil, DM, M Ch, PhD, D.Sc. and D.Litt.  
**The faculty awarded M.Phil and PhD are**

<b>M.Phil</b>	<b>:02</b>
<b>PhD</b>	<b>: 03</b>

38. Present details of departmental infrastructural facilities with regard to

- a) Library : **Total Number of books-121**  
: **Total no. Of e-books-440**
- b) Internet facilities for staff and students : **Yes through Wi-Fi and LAN**
- c) Total number of classrooms : **1 Seminar Room**
- d) Class rooms with ICT facility and 'smart' classrooms: **1 Seminar Room & 1 Museum**
- e) Students' laboratories : **Available**
- f) Research laboratories : **01 CRL is available**

39. List of doctoral, post-doctoral students and Research Associates

- i. from the host institution/university : **NIL**
- ii. from other institutions/universities : **NIL**

40. Number of post graduate students getting financial assistance from the university. : **04**

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

- Structured feedback was constructed
- Feedback was obtained from faculty-100%, peer-25%, PG alumini-25%, Dept.PG-100%
- Based on feedback analysis new program is designed
- Department committee with two external peers approved the program
- Program was sent to the Dean's committee
- Approved by the Academic council
- Approved by BOM
- Implementation of program

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

**Yes, The Feedback from faculties are utilized for development, designing and up gradation of curriculum and syllabus**

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **Yes**

- **On staff** – online annual structured feedback is obtained from students and the same is utilized for rewarding and those who require improvement are counseled
- **On Curriculum**–The Feedback from Students are utilized for development, designing and up gradation of curriculum and syllabus
- **Teaching-learning** – the teaching learning is evaluated through academic appraisal program and analyzed in monthly college council meeting and appropriate measures are undertaken
- **Evaluation**- the exit feedback taken after summative examination the notable findings are discussed in appropriate university forum

c. Alumni and employers on the programs offered and how does the department utilize the feedback?

**Yes, the Feedback from them is utilized for identification of needs for development, designing and up gradation of curriculum and syllabus.**

43. List the distinguished alumni of the department (maximum 10)

Name of distinguished alumni	Placement
<b>Dr Pankaj Bajaj</b>	Prof. and HOD Dept. of Prosthodontics PDM Dental college and research , Bhadurgad, Haryana
<b>Dr. Tushar Bhagat</b>	Asst. Prof. Dept. of Prosthodontics UAEE
<b>Dr. Satyam Wankhede</b>	Asso. Prof and HOD Dept. of Prosthodontics GDC Nagpur
<b>Dr. Deepti Varanasi</b>	Entrepreneur U.K.
<b>Dr. Shubhangi Wate</b>	Asst. Prof. Dept. of Prosthodontics GDC Nagpur
<b>Dr. Nitin Vaidya</b>	Prof. and HOD Dept. of Prosthodontics Maitrai Dental College And Hospital
<b>Dr. Hrushikesh nirmal</b>	Entrepreneur
<b>Dr. Parag Bhoyar</b>	Asst. Prof. Dept. of Prosthodontics, GDC Nagpur
<b>Dr. Prassana Sangwai</b>	Entrepreneur
<b>Dr. Samrat Mankar</b>	Entrepreneur

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

Name of CME	Year
Treatment planning and modalities for edentulous patients Related to Implant supported over-Denture by <b>Dr. Michael D.</b>	<b>2013</b>
“FULL MOUTH REHABILITATION” By <b>Dr. Rajesh Sethuraman, K M Shah</b>	<b>2013</b>
Maxillofacial Prosthodontics : An art of shade Matching <b>Dr. Alka Gupta Prof. GDC ,Indore</b>	<b>2014</b>
Basic Life support Dr. C.R. Trivedi	<b>2014</b>
Occlusion in Complete Denture <b>Dr. Nitin Vaidya</b> by Maitri Dental College and Research Institute, Anjora Durg.Chattisgad	<b>2015</b>
<b>Dr.Siddharth Gosavi</b> dental Implantology (FEM model of implant)	<b>2015</b>
<b>Dr. Mohit Keur</b> Rangoanwalla Dental College Pune Implants for Todays	<b>2015</b>

<b>Talk to author Dr. Radhika Bawle</b>	<b>2015</b>
Music Therapy in Prosthodontics <b>Dr. Neelam Pande</b>	<b>2016</b>
Motivational lecture- how to utilize internship period Dr. Atul Shringarpure	<b>2016</b>
Basic Life Support <b>Dr. C.R. Trivedi</b>	<b>2016</b>
Material selection in porcelain veneers by <b>Dr. Anjali Bhojar</b>	<b>2016</b>
Guide Line for ICH –GCP (International Conference on harmonization good clinical practice) Dr. Anjali Bhandarkar Dr. Rahul Khodgule Dr. Sneha Limaye	<b>2016</b>
Writing Thesis Dr. Michal Ross	<b>2017</b>

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

<b>Programs</b>	<b>Teaching methods (theory)</b>	<b>Teaching methods (clinical)</b>
U G	<ul style="list-style-type: none"> <li>• Classroom,</li> <li>• PBL,</li> <li>• Integrated teaching,</li> <li>• seminar.</li> <li>• Cross word</li> <li>• Quiz</li> </ul>	<ul style="list-style-type: none"> <li>• Chair side clinical teaching,</li> <li>• Demonstrations,</li> <li>• Tutorials,</li> <li>• Integrated teaching for clinical and radiological interpretation,</li> <li>• Video Demonstrations.</li> <li>• Early clinical exposure</li> <li>• Skill Lab</li> </ul>
P G	<ul style="list-style-type: none"> <li>• Classroom,</li> <li>• Seminar,</li> <li>• Journal club,</li> <li>• Case presentation,</li> <li>• Case of the month,</li> <li>• Question of the week,</li> <li>• Library dissertation,</li> <li>• Main dissertation,</li> <li>• short project,</li> <li>• interdepartmental activities,</li> <li>• SISA,</li> <li>• SRS</li> </ul>	<ul style="list-style-type: none"> <li>• OMP,</li> <li>• Chair Side clinical teaching,</li> <li>• demonstration,</li> <li>• DOPS,</li> <li>• Mini CEX evaluation,</li> <li>• video demonstration.</li> </ul>



Fellowship	<ul style="list-style-type: none"> <li>• Seminar,</li> <li>• Journal club,</li> <li>• Case Presentation,</li> <li>• Short project,</li> <li>• group discussion</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstration</li> <li>• Hands on Training Under supervision</li> </ul>
------------	---	--

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

**Through the Academic Appraisal Program feed backs are obtained from the students at the end of each marker points in theory classes and clinical postings to check whether the learning objectives are met with. Further assessment is done by the performance of the students in formative and summative examination**

47. Highlight the participation of students and faculty in extension activities.

- Specialty Camps were organized
- For first year to final year students CHCP program (for early clinical exposure)
- Sub center activity in Hinganghat, Seloo, Pawnar, Pulgaon, Arvi, Warora, Somnath, Zarijamani, with rotary posting of staff and intern.
- Collaborative interdepartmental various treatments/ diagnostic camps.
- Participation of department of various organizations like Maharogi seva samiti, Anandwan Warora, Rotary club, Lions club, Nursingvyayam shala Wani, participated in treatment – diagnostic camp. Faculties of other departments regularly involve each activities.

48. Give details of “beyond syllabus scholarly activities” of the department.

- Practice management skills for dental students
- Yearly UG Convention in collaboration with IDA
- Applying for ICMR/STS project
- UG paper and poster presentation in IDA, FDI and world dental congress.
- Involvement of students and interns in NSS activities.
- Personality development program for under and postgraduate students.
- **Webinars**
- Value education
- Language Classes for UG Students

49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details. : Nil

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- **UV disinfection unit for dental impressions**
- **Retention measuring apparatus with electronic device**
- **Speech improvement in complete denture patients by palatography**
- **TMJ disorders diagnosis by stethoscope**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength	Weaknesses	Opportunity	Challenges
<ul style="list-style-type: none"> <li>• Optimum number of patients are available to diagnose and treat variety of disorder</li> <li>• 60% staff with additional qualifications like PhD, M. Phil and Fellowships.</li> <li>• Innovative Maxillofacial Prosthetic and allied prosthesis rehabilitation Centre.</li> <li>• Exclusive Skill Lab established to train undergraduates</li> </ul>	<ul style="list-style-type: none"> <li>• Lack of International Collaboration</li> <li>• Less number of funded projects</li> <li>• Fewer IPR from the faculty</li> </ul>	<p>To establish a State of the art laboratory with CAD-CAM facility</p> <p>To initiate interdisciplinary facilities for development of prosthesis in allied clinical scenarios</p> <p>To develop a exclusive facility to treat geriatric population with special needs</p>	<ul style="list-style-type: none"> <li>• Less takers for dentistry</li> <li>• Rural based hospital- Difficult to motivate the patient population for advanced prosthetic rehabilitation therapy</li> </ul>

52. Future plans of the department.

- **To start Certificate course-Implant prosthodontics**
- **To Plan a Specialty Book – Fixed Prosthodontics**
- **Development of referral Center-For Maxillofacial and Implant Prosthodontics**
- **Geriatric Dentistry set up**

## Evaluative Report of the Department

1. Name of the Department : **Swasthavritta**
2. Year of establishment : **2007**
3. Is the Department part of a college/Faculty of the university?  
**Yes, Department is part of college**
4. Names of programs offered (UG, PG, M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.) : **UG - B.A.M.S**
5. Interdisciplinary programs and departments involved : **NIL**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. : **NIL**
7. Details of programs discontinued, if any, with reasons : **NA**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System : **UG-Annual**
9. Participation of the department in the courses offered by other departments : **NIL**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
Professor	01	--	--
Associate Professor/Reader		01	01
Assistant Professor	01	01	01
Lecturer	--	--	--
Tutor / Clinical Instructor	01 (Yoga Teacher)	01 (Yoga Teacher)	01 (Yoga Teacher)
Senior Resident	--	--	--

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
1.Dr.Premkumar Badwaik	B.A.M.S.,M.D.	Associate Professor	Kayachikitsa	6 yrs 1 month

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors - NIL

13. Percentage of classes taken by temporary faculty - program-wise information : NIL

14. Program-wise Student Teacher Ratio :-

Courses	Ratio
UG	30:01

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Sr.	Designation	Sanctioned	Filled	Actual
1.	Technical Staff	0	0	0
2.	Administrative Staff	1	1	1

16. Research thrust areas as recognized by the department

Sr. No.	Thrust areas of research	Name of Funding Agency
1.	Preventive and promotive healthcare	AYUSH
2.	Diseases and health conditions relating to women and children, older persons,	AYUSH
3.	NCDs	AYUSH
4.	Mental ailments	AYUSH
5.	Stress management	AYUSH

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Sr. No	Project Title	National	Total grants received
1	International Yoga Day Celebration 2015	CCRYN	1 Lakh
2	International Yoga Day Celebration 2016	CCRYN	1 Lakh

18. Inter-institutional collaborative projects and associated grants received  
a) National collaboration b) International collaboration - **NIL**
19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, WHO etc.; total grants received. - **NIL**
20. Research facility / centre with
- state recognition - **NIL**
  - national recognition - **NIL**
  - international recognition - **NIL**
21. Special research laboratories sponsored by / created by industry or corporate bodies or funding agencies - **NIL**
22. Publications:
- \* Number of papers published in peer reviewed journals (national / international) - **National - 01, International - 13**
  - \* Monographs - **NIL**
  - \* Chapters in Books - **NIL**
  - \* Books edited - **NIL**
  - \* Books with ISBN with details of publishers - **NIL**
  - \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)
  - \* Citation Index - **3**
  - \* SNIP - **NIL**
  - \* SJR - **NIL**
  - \* Impact Factor - **5**
  - \* h-index - **1**
22. Details of IPR and income generated - **NIL**
23. Areas of consultancy and income generated - **NIL**
24. Details of Clinical Material along with range of clinical services (if applicable) - **Swasthyarakshan OPD**
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad - **NIL**
26. Faculty serving in
- a) National committees b) International committees c) Editorial Boards d) any other (specify) - **NIL**

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

**Basic Course Workshop, Advance Course, Basic Education skills & Education Course, Writers workshop, WorkshopS, CME's, orientation programs**

28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects

Sr. No	Course wise Student	%
1	UG	1.66 %

- percentage of students doing projects in collaboration with other universities / industry / institute - **NIL**

29. Awards / recognitions received at the national and international level by

- Faculty -

Faculty	Chairperson	Guest Speaker	Awards/ Recognition
Dr Harshala Rajurkar	01	01	-
Dr. Premkumar Badwaik	-	01	-
Dr. Pradipkumar Suryawanshi	-	02	-

- Doctoral / post doctoral fellows - **NA**
- Students - **NIL**

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sr no.	Type of event	Topic	Date & time	Source of funding	Outstanding participants
1	Workshop	Disaster Management	6 - 7 Dec.2013	Intramural/ Institutional	<b>03</b> 1.Amruta Batwe 2.Khushbu Dhanule 3.Sachin Dhote
2.	C.A.M.E.	Role of Ayurveda in Prevention of Occupational Health Hazards	9 Oct 2014	Intramural/ Institutional	--

3	Workshop	International Yoga Day Celebration	21 May - 21 June 2015	CCRYN	<b>05</b> 1. Shailesh Hanwate 2. Dipak Wadettiwar 3. Sakshi Yerawar 4. Dinesh Gaikwad 5. Madhuri Yenpalliwar
4	C.A.M.E.	Role of Ayurveda in Prevention of Oral Submucous Fibrosis	25 July 2015	Intramural/ Institutional	--
5.	Workshop	International Yoga Day Celebration	21 June 2016	Intramural/ Institutional	<b>05</b> 1.Mayur Nipane 2.Shamli Hiware 3.Rani Mudey 4.Prajakta Zade 5.Niteen Ambatkar
6.	Workshop	International Yoga Day Celebration	21 June 2016	Intramural/ Institutional	<b>06</b> 1.Vasudha Umate 2.Krushna Patnaik 3. Shivani Dubey 4. Gaurav Anand 5. Shumyla Mirza 6. Yogitha Gathe

31. Code of ethics for research followed by the departments

**Yes, all research Projects are undertaken after the approval of Institutional Ethical Committee, and Animal Ethical Committee and the guidelines of institutional IPR policy are strictly adhered to.**

32. Student profile program-wise

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	--	18	42	98%	100%



33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other
<b>B.A.M.S.</b>	<b>NA</b>			

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. - **52 Students**

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<b>36%</b>
PG to M.Phil, DM / M Ch / DNB	<b>Nil</b>
PG to Ph.D.	<b>Nil</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campusrecruitment</li> </ul>	<b>24%</b> <b>9%</b>
Entrepreneurs	<b>22%</b>

36. Diversity of staff

<b>Percentage of faculty who are Post Graduate</b>	
of the same university	-
from other universities within the State	100%
from universities from other States	-
from universities outside the country	-

37. Number of faculty who were awarded M.Phil., DM, M.Ch, Ph.D., D.Sc. and D.Litt. during the assessment period - **NIL**

38. Present details of departmental infrastructural facilities with regard to

- a) Library - **Total Books** - **115,**  
**Reference Books** - **112**  
**Journals** - **02,**  
**e - books** - **NIL**  
**Others** - **01**
- b) Internet facilities for staff and students - **Yes**
- c) Total number of class rooms - **01**
- d) Class rooms with ICT facility and 'smart' class rooms - **Available**
- e) Students' laboratories - **Available**
- f) Research laboratories - **Available (Central Research Lab)**

39. List of doctoral, post-doctoral students and Research Associates
- a) From the host institution/university - NIL
- b) From other institutions/universities - NIL
40. Number of post graduate students getting financial assistance from the university. - NA
41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

**Yes, need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office Govt of India and is based on context analysis, user analysis and work analysis.**

42. Does the department obtain feedback from
- a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? - **Yes, the Feedback from faculties on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, then it goes to Dean committee for approval. After this it is presented in academic council then it is notified by BOM and finally implemented.**
- b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? - **Yes, the Feedback from faculties on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, then it goes to Dean committee for approval. After this it is presented in academic council then it is notified by BOM and finally implemented.**
- c) Alumni and employers on the programs offered and how does the department utilize the feedback? - **Yes, the Feedback from faculties on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, then it goes to Dean committee for approval. After this it is presented in academic council then it is notified by BOM and finally implemented.**
43. List the distinguished alumni of the department (maximum 10) - Nil

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

Sr. No	Date & Year	Topic	Events	Level	External experts.
1	6 & 7/12/2013	Disaster Management	Workshop	State Level	Dr. Ramchandra Goyal Mr. Mohan Gujarkar
2	09/10/2014	Role of Ayurveda in Prevention of Occupational Health Hazards	C.A.M.E.	State Level	Dr. Sumeeta Jain Mr. Anil Jain
3	25/07/2015	Role of Ayurveda in Prevention of Oral Submucous Fibrosis	C.A.M.E.	State Level	Dr. Nitin Bhola Dr. Ram Ramekar
4	11/01/2017	Nidanpanchak & Role of Yoga in Hypertension	C.A.M.E.	State Level	Dr. Mayur Deshmukh Dr. Prasad Deshpande

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

**Integrated teaching, Problem based learning, Early clinical exposure, Field visit, G.D., Tutorial, Seminar**

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

**Marker point analysis in AcAP, logbook, Students feedback and formative assessment**

47. Highlight the participation of students and faculty in extension activities.

- i. Multidiagnostic / Specialty camps
- ii. Janjagan programs
- iii. CHCP (Village Adoption Programme)
- iv. Swarnaprashan every month at 7 centres.
- v. Awareness rallies on different health days
- vi. NSS activities
- vii. Tree plantation
- viii. Health Exhibition during Ganesh Festival
- ix. School Health Check up are extension activities in which faculties as well as students participate.

48. Give details of “beyond syllabus scholarly activities” of the department.

**Conferences / Quizes/ IPR Activities, Value education, communication skills**

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details. – **NIL**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

**As per guidelines of Hon. Supreme Court, Environmental studies are included in syllabus for students from the year 2016 - 17.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Sr.No.	Strengths	Weaknesses	Opportunities	Challenges
1	Teaching – learning : . Devoted & trained faculty Adoption of different types of innovative teaching-learning methods.		To start Certificate course and Diploma in Yoga & Naturopathy - To start P.G. Course	Promotion of New teaching learning tools to other Ayurved colleges.
2	Curriculum Structured revision of curriculum has been undertaken. Recommendations of the stakeholders implemented.		Incorporation of Changing societal needs in the curriculum	
3	Infrastructure Well Equipped museum, yoga hall		Augmentation of museum. To establish separate museum for Naturopathy instruments and equipments	Promotion of Yoga for general Public Development of Naturopathy unit
4	<b>Research Projects:</b> Co- investigator in AYUSH Project.	Limited opportunity to publish in Ayurved journals indexed in scopus and Pubmed	Collaborative publications in high impact factor journals. Faculty exchange programmes Can apply for national funded projects Certificate course in Yoga &	To obtain Copyrights and patents

			Naturopathy	
5	Extension and consultancy All the extension activities of the institute are conducted by the department.	No work in the area of consultancy.	Consultancies for yoga and dietary studies.	To form collaborations with external agencies and to start consultancies

52. Future plans of the department.

1. To start certificate course in Yoga and Naturopathy
2. Undertaking short and long term departmental /interdepartmental and multidisciplinary research
3. To develop instruments and equipments for yoga & naturopathy.
4. Widening the scope of extension services by organizing various activities like health camps and Janjagaran programme
5. To conduct National workshop
6. To start certificate course in Dietetics in Ayurveda
7. To publish a book.
8. To start consultancy services.

## Evaluative Report of the Department

1. Name of the Department : **Agadtantra- Vyavahar Ayurved**
2. Year of establishment : **2007**
3. Is the Department part of a college/Faculty of the university? :

**Yes Department is part of a college**

4. Names of programs offered (UG, PG, M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

**UG-B.A.M.S**

**PG- MD (Agadtantra)**

**PhD**

5. Interdisciplinary programs and departments involved : **NIL**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. : **NIL**
7. Details of programs discontinued, if any, with reasons : **NIL**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System  
- **Annual/ Semester/Choice based Credit system**  
**UG- Annual**  
**PG-Annual**
9. Participation of the department in the courses offered by other departments:  
: **NIL**

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS)
Professor	1	1	1
Associate Professor/Reader	1	1	1
Assistant Professor	2	2	2
Lecturer	-	-	-
Tutor / Clinical Instructor	-	-	-
Senior Resident	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Ramesh Waghaye	BAMS, M.D.	Professor	Agadtantra, Sharir Rachana	35 years
Dr. Sonali Chalkh	BAMS, M.D.	Associate Professor	Agadtantra	9 years, 3 months
Dr. Nilima Wadnerwar	BAMS, M.D.	Assistant Professor	Agadtantra	6 years, 8 months
Dr. Amol Kadu	BAMS, M.D.	Assistant Professor	Agadtantra	4 years, 5 months

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors : Nil

13. Percentage of classes taken by temporary faculty - program-wise information : Nil

14. Program-wise Student Teacher Ratio:

- a) For UG : 15:1  
 b) For PG : 2:1  
 c) Ph.D. : 2:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

<b>Sn.</b>	<b>Designation</b>	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual</b>
<b>1.</b>	<b>Technical Staff</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>2.</b>	<b>Administrative Staff</b>	<b>1</b>	<b>1</b>	<b>1</b>

16. Research thrust areas as recognized by the department:

<b>Sr.No.</b>	<b>Thrust areas</b>	<b>Funding Agency</b>
<b>1</b>	<b>Toxicity &amp; preclinical study</b>	<b>CCRAS,AYUSH</b>

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. : Nil

18. Inter-institutional collaborative projects and associated grants received  
a) National collaboration b) International collaboration : **NIL**

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, WHO etc.; total grants received. : **NIL**

20. Research facility / centre with :

- State recognition : **NIL**
- National recognition : **NIL**
- International recognition : **NIL**

21. Special research laboratories sponsored by / created by industry or corporate bodies or funding agencies : **NIL**

22. Publications:

- \* Number of papers published in peer reviewed journals (national / international) : **24**
- National : **8**
- International : **15**



- \* Monographs : **NIL**
- \* Chapters in Books : **NIL**
- \* Books edited : **NIL**
- \* Books with ISBN with details of publishers : **NIL**
- \* Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)
- \* Citation Index - 1
- \* SNIP - NA
- \* SJR - NA
- \* Impact Factor - 1.6
- \* h-index - 1

23. Details of patents and income generated : **NIL**
24. Areas of consultancy and income generated : **NIL**
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : **NIL**
26. Faculty serving in  
 a) National committees b) International committees c) Editorial Boards d) any other (specify) : **NIL**
27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

**Basic Course Workshop, Advance Course, Basic Education skills & Education Course, Writers workshop, Workshop on Pharmacovigilance, orientation programs**

28. Student projects
- percentage of students who have taken up in-house projects including inter-departmental projects:

S.N.	Course wise students	Percentage
1.	UG	4%
2.	PG	100 %
3	PhD	100%

- percentage of students doing projects in collaboration with other universities / industry / institute : **NIL**

29. Awards / recognitions received at the national and international level by

- Faculty : 2
- Doctoral / post doctoral fellows : 1
- Students : 1

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sr. No	Type of Events	Topic	Date & Year	Source of funding	Outstanding Participant
1	Seminar	Emergency medicare in poisoning	18/01/2013	Intramural/ Institutional	-
2	Seminar	Concept of food poisoning As per Ayurveda and Modern	28/09/2013	Intramural/ Institutional	-
3	Workshop	Sarpavisha Chikitsa	26/09/2014	Intramural/ Institutional	Dr.Savita Chougule, Tushar Waghmare
4	Seminar	Approach to preclinical researches	18/01/2016	Intramural/ Institutional	-
5	Seminar	Legal aspect of Medical Practice	23/09/2016	Intramural/ Institutional	-

31. Code of ethics for research followed by the departments :

**Yes, all research Projects are undertaken after the approval of Institutional Ethical Committee, and Animal Ethics Committee and the guidelines of institutional IPR policy are strictly adhered to.**

32. Student profile programme wise:

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	Through NEET	18	42	100%	92.61%
PG	Through NEET	1	4	NA	NA

33. Diversity of students:

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>MD (Agadtantra)</b>	<b>29.41%</b>	<b>58.22%</b>	<b>11.76%</b>	<b>0</b>

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. :

**52 Students.**

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<b>36%</b>
PG to M.Phil, DM / M Ch / DNB	<b>Nil</b>
PG to Ph.D.	<b>Nil</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campus selection	<b>24%</b>
• Other than campus recruitment	<b>9%</b>
Entrepreneurs	<b>22%</b>

36. Diversity of staff

Percentage of faculty who are Post Graduate	
of the same university	<b>0%</b>
from other universities within the State	<b>75%</b>
from universities from other States	<b>25%</b>
from universities outside the country	<b>0%</b>

37. Number of faculty who were awarded M.Phil., DM, M.Ch, Ph.D., D.Sc. and D.Litt. during the assessment period : **NIL**

38. Present details of departmental infrastructural facilities with regard to

a) Library: Available ,Total No. of Books - 142

1.	Reference books	120
2.	E-book	12
3.	Journal	2
4.	Reference material	8

- b) Internet facilities for staff and students : **Available**
- c) Total number of class rooms : **2**
- d) Class rooms with ICT facility and 'smart' class rooms : **Available**
- e) Students' laboratories : **Available**
- f) Research laboratories : **Yes, Central Research Laboratory available**

39. List of doctoral, post-doctoral students and Research Associates : **NIL**

a) From the host institution/university -

b) From other institutions/universities -

40. Number of post graduate students getting financial assistance from the university. : **2**

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology:

**Yes**, need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office Govt of India and is based on context analysis ,user analysis and work analysis

42. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? :

**Yes, the Feedback from faculties on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, and then it goes to Dean Committee for approval. After this it is presented in academic council then it is notified by BOM and finally implemented.**

- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? :

**Yes, the Feedback from students on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, and then it goes to Dean Committee for approval. After this it is presented in academic council then it is notified by BOM and finally implemented.**

- c. Alumni and employers on the programs offered and how does the department utilize the feedback? :

**Yes, the Feedback from alumni & employers on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, and then it goes to Dean Committee for approval. After this it is presented in academic council then it is notified by BOM and finally implemented.**

43. List the distinguished alumni of the department (maximum 10) : NA
44. Give details of student enrichment programs (special lectures/workshops/ seminar) involving external experts.

Sr. No	Type of Events	Topic	Date & Year	External experts
1	Seminar	Emergency medicare in poisoning	18/01/2013	Dr Bharti Taksande Professor, Medicine MD(Medicine)
2	Seminar	Concept of food poisoning As per Ayurveda and Modern	28/09/2013	Dr. N. Kolhe Medical superintendent
3	Workshop	Sarpavisha Chikitsa	26/09/2014	Dr Numbori, Research Officer, CCRAS Dr Murlidharan, Professor, Agadtantra)
4	Seminar	Approach to preclinical researches	18/01/ 2016	Dr Shilpa Deshpande, Associate professor, Pharmacy

5	Seminar	Legal aspect of Medical Practice	23/09/2016	Dr Yogesh Patil, Medicolegal consultant Dr Kothale, BAMS, LLB Dr Mandar Ranade, BAMS, MS, LLB
---	---------	----------------------------------	------------	--

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

**UG:** Simulation – Screen based computer simulation, Role play, PBL, Integrated Teaching, Early clinical exposure.

**PG:** Samhita Wachan, Simulation – Screen based computer simulation, Seminar, Journal Club, Group Discussion

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

**Program Objectives are monitored by Students Feedback, Academic Appraisal Programme. Learning outcomes are monitored by periodic assessment of students through formative assessment.**

47. Highlight the participation of students and faculty in extension activities.

**Faculty participated in multidagnostic Camps, Specialized Camps, Village Adaption Programme, Suwarnaprashan Programme, Janajagan, Kojagiri Programme, Plantation, NSS activities Swachha Bharat Abhiyan.**

48. Give details of “beyond syllabus scholarly activities” of the department.

STS program, Conferences , Seminars , Essay competitions, communication skills, Value education

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details. : **No**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. :

**Application of concept of Dooshivisha & Garvisha in management of Skin diseases.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

	Strength	Weakness	Opportunity	Challenges
1. Curricular aspects:	<p><b>Curricular aspects:</b></p> <p>a. Structured revision of curriculum has been undertaken.</p> <p>b. Recommendations of the stakeholders implemented.</p>			
2. Teaching Learning and Evaluation	<p><b>UG teaching-learning:</b></p> <p>a. Poiner department to introduce Role play teaching in Vyavhar Ayurved.</p> <p>b. Simulation teaching in Vyavhar Ayurved.</p> <p>c. Clinical Exposure in Agadtantra</p>		<p>State of the art simulation facility</p> <p>Scholarly innovations and modifications can be replicated / adopted/cited at relevant National and International forums</p>	<p>Validation of concepts of Agadtantra on modern parameters for universal acceptance.</p>
	<p>Faculty :</p> <ul style="list-style-type: none"> <li>Expertise in training of teachers, capacity building and faculty development programmes with regards UG and PG Teaching learning Assessment and Evaluation.</li> <li>Development of modules(Role plays and simulation in Vyavhar Ayurveda) for teaching Learning Assessment and Evaluation.</li> </ul>		<p>Scholarly work can be adopted by:</p> <ul style="list-style-type: none"> <li>Constituent departments</li> <li>Constituent colleges</li> <li>Other institutions &amp;</li> <li>Regulatory bodies,</li> </ul> <p>with due reference to the parent department.</p>	
3. Research and extension activities	<ul style="list-style-type: none"> <li>Original articles on educational research and clinical studies.</li> </ul>	<p>Publication in journal indexed with scopus and Pubmed.</p>	<p>To conduct preclinical safety and toxicity studies with the availability of animal house</p>	<p>Procurement of major funded research projects.</p>

	Active participation in extension activities		Awareness in the community regarding toxicity	-
	Well established and updated museum with maximum number of plant, animal and metal poisons along with various models and weapons as well as various Agadas.		Augmentation of Museum .	
<b>4. Administration &amp; infrastructure</b>	Faculty with administrative responsibilities All faculties are involved as an incharge in various cells along with academic and clinical responsibilities.			Time management

52. Future plans of the department.

- Preparation of electronic question bank for PG.
- To undertake departmental/ interdepartmental/institutional research projects
- Apply for funded projects
- Upgradation of museum by specimen & models
- Arrange National conference to explore Strength and Challenges of Agadtantra.



## Evaluative Report of the Department

1. Name of Department : **Dravyaguna vigyan**
2. Year of establishment : **2007**
3. Is the department part of a college/faculty of the university? - **Yes, Department is part of college**
4. Names of programs offered –

**UG – BAMS**  
**PG – MD (Dravyaguna)**  
**Ph.D. - Dravyaguna**  
**Fellowship - Ethanopharmacology**

5. Interdisciplinary programs and departments involved. –

Interdisciplinary program	Departments involved
Fellowship in Ethanopharmacology	Pharmacology

6. Course in collaboration with other universities, industries, foreign institutions, etc.- **NIL**
7. Details of programs discontinued, if any, with reason- **NA**

8. Examination system-

**UG – Annual**

**PG – Annual**

**Fellowship - CBCS**

9. Participation of the department in the courses offered by other departments –

**NIL**

10. Number of teaching post sanctioned, filled and actual

Particular	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	02	02
Associate Professor/Reader	01	00	00
Assistant Professor	02	02	02
Lecturer	-	-	-
Tutor / Clinical Instructor	-	-	-
Senior Resident	-	-	-

**11. Faculty profile-**

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>No. of years of experience</b>
Dr.Pramod Khobragade	BAMS,MD	Professor & HOD	Dravyaguna vigyan	11.2 yrs
Dr.Meena Deogade	BAMS,MD.PhD	Professor	Dravyaguna vigyan	10.11 yrs
Dr.Nitesh Shambharkar	BAMS,MD	Assistant Professor	Dravyaguna vigyan	4.2 yrs
Dr.Rupali Kadu	BAMS,MD	Assistant Professor	Dravyaguna vigyan	6 month

**12. List of senior visiting fellows, adjunct faculties and emeritus professors** - **NIL**

**13. Percentage of classes taken by temporary faculties, program wise information** - **NIL**

**14. Program wise student teacher ratio**

<b>Sr.No</b>	<b>Courses</b>	<b>Student teacher ration</b>
1.	UG	15:1
2.	PG	2:1`
3.	Ph.D	2:1
4.	Fellowship	1:1

**15. Numbers of academic support staff (technical) and administrative staff**

<b>Sn.</b>	<b>Designation</b>	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual</b>
1.	Technical Staff	3	3	3
2.	Administrative Staff	2	2	2

16. Research thrust area as recognized by major funding agencies-

Sr.No	Thrust area	Funding agencies
1.	Conservation, propagation and cultivation of medicinal plants	AYUSH (NMPB)
2.	Ethanobotany and Ethanopharmacology	AYUSH

17. Number of faculty with ongoing projects from a) national, b) international funding agencies : **One**

Project title	Funding agency	Grant received	Grant Sanctioned
Herbal garden and demonstration centre for plants in Vidarbha Region	National Medicinal Plant Board, Ministry of AYUSH , New Delhi	2.8 lacs	5.2 lacs

18. Inter institutional collaborative projects and associated grants received (National/international) : **NIL**

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : **NIL**

20. Research facility/centre with state/national/international recognition : **NIL**

21. Special research laboratories sponsored/created by industry/ corporate bodies- **NIL**

22. Publications

Number of papers published in peer reviewed journals (national/international) – **25**

Monographs

Chapters in Books

SN	Author	Book	Chapter Name	Publisher
01	Dr.Meena Deogade	Best Practices in Panchkarma (ISBN 978-93-5268-176-1)	Majjabasti in Low Back Pain (Intervertebral Disc Prolapse.)	Registrar DMIMS (DU), 2017,

Books edited

Books with ISBN with details of publishers

Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline,etc.)

Citation Index : **1**  
 SNIP : **NIL**  
 SJR : **NIL**  
 Impact Factor : **3.5**  
 h-index : **1**

23. Details of patent and income generated-

Title of Patents/Copyright	Name of Faculty	Income Generated
Handouts method in small group teaching.	Dr. Meena Deogade	Free

24. Area of consultancies and income generated

Area of consultancies	Income generated
<ul style="list-style-type: none"> <li>• Propagation and cultivation of rare medicinal plants.</li> <li>• Raw material supply.</li> <li>• Providing of medicinal plant species for research purpose.</li> <li>• Development of Herbal Garden.</li> </ul>	Rs. 29905/-

25. Faculty selected nationally/ internationally to visit other laboratories/ institutions/ industries in India and abroad - **NIL**

26. Faculty serving in national/international comities/ Editorial board- **NIL**

27. Faculty recharging strategies (refresher/ orientation program/ workshops/ training Programs)  
**Basic Course workshop, Advance Course workshop, Basic Education skills & Education Course, Writers workshop, Orientation programs ,Field work, Field visit**

28. Student project

- Percentage of students who have taken up in-house projects including inter-departmental projects

Course wise Students	Percentage
UG	4 %
MD	100%
Ph. D	100%

- percentage of students doing projects in collaboration with other universities / industry / institute - **NIL**

29. Awards/ recognitions received at national/ international level by

Sr.No	Names of Faculty	Awards	Guest speaker	Chair Person	Total
1.	Dr.Pramod Khobragade	03	02	01	06
2.	Dr.Meena Deogade		02	--	02
<b>PG Scholar</b>					
1.	Sneha Vidhate	01	---	---	01
2.	Priyanka Kulkarni	01	---	---	01

30. Seminars/ conferences/ workshops organized and source of funding (national/international) with details of outstanding participants, if any.

Sr.no	Seminars/ Conferences/ Workshops	Topic	Event date and time	Source of Funding	Outstanding Participant
1.	Workshops	Strategies and Prospects in conservation and cultivation of Medicinal Plants in Maharashtra.	7th June 2014	Intramural/ Institutional	-----
2.	Workshop	Identification and Standardization of Medicinal	18 <sup>th</sup> December 2014	Intramural/ Institutional	Dr.Sneha Vidhate
3.	Conference	Opportunities and challenges in conservation and cultivation of medicinal plants	10 <sup>th</sup> & 11 <sup>th</sup> December 2015	Intramural/ Institutional	Dr.Uma Unnikrishnan
4.	Conference	Clinical application of basic principles of Dravyaguna	30 <sup>th</sup> July 2016	Intramural/ Institutional	-----
5.	Workshop	Traditional healers meet	12 <sup>th</sup> September 2016	Intramural/ Institutional	-----

31. Code of ethics for research followed by the department-

**Yes , all research Projects are undertaken as per the guidelines of Institutional Ethics Committee, Animal Ethical Committee and the guidelines of institutional IPR policy are strictly adhered to.**

32. Student profile program wise-

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	Through NEET	18	42	100%	92.61%
PG	Through NEET	2	2	NA	NA
Ph. D.	Through NEET	0	1	-	-

33. Diversity of students-

Name of program	Percentage of students from same university	Percentage of students from other universities within the state	Percentage of students from universities outside the state	Percentage of students from other countries
<b>MD Dravvaguna</b>				
2013	00	100%	00	00
2014	25 %	50 %	25 %	00
2015	25%	75%	00	00
2016	50%	50%	00	00
<b>Ph.D.</b>				
2013	00	100%	00	00
2016	00	100%	00	00

34. How many students have cleared civil services and defense services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations – **52 Students**

NA

35. Students progression

Student progression	Percentage against enrolled
UG to PG	<b>36%</b>
PG to M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>Nil</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campus selection	<b>24%</b>
• Other than campusrecruitment	<b>9%</b>
Entrepreneurs	<b>22%</b>

**36. Diversity of staff**

Percentage of faculties who are graduates	
Of the same university	<b>00</b>
From other universities within the state	<b>100</b>
From Universities from other state	<b>00</b>
From universities outside the country	<b>00</b>

**37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period –**

Number of faculty	M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt.	Year
01	Ph.D.	2016-17

**38. Present details of departmental infrastructural facilities with regard to**

**a) Library – Total number of book – 173**

1.	Reference book	129
2.	e-book	35
3.	Thesis	08
4.	Journal	01

**b) Internet facilities for staff and students - Available**

**c) Total number of class rooms – PG - 02**

Demo room of herbal garden for UG, PG - 01

**d) Class rooms with ICT facility and 'smart' class rooms - 01**

**e) Students' laboratories - 01**

**f) Research laboratories – Yes, Central Research Laboratory**

**39. List of doctoral, post-doctoral students and Research Associates from the**

host institution/university – **02**

from other institutions/universities - **00**

**40. Number of post graduate students getting financial assistance from the university- NIL**

41. Was any need assessment exercise undertaken before the development of new program(s) ? If so, highlight the methodology. – **Yes**

**Need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis, user analysis and work analysis**

42. Does the department obtain feedback from

a) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? – **Yes,**

**Feedback taken from students ,alumni, employers and staff ,which are discussed in departmental curriculum committee, the analyzed and presented before external expert with departmental curriculum committee and BOS members .Then , it is presented in front of academic council and notified by BOM and finally implemented.**

b) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback ? – **Yes,**

**Feedback taken from students ,alumni, employers and staff ,which are discussed in departmental curriculum committee, the analyzed and presented before external expert with departmental curriculum committee and BOS members .Then , it is presented in front of academic council and notified by BOM and finally implemented.**

c) alumni and employers on the programs offered and how does the department utilize the feedback ? – **Yes,**

**Feedback taken from students ,alumni, employers and staff ,which are discussed in departmental curriculum committee, the analyzed and presented before external expert with departmental curriculum committee and BOS members .Then , it is presented in front of academic council and notified by BOM and finally implemented.**

43. List the distinguished alumni of the department (maximum 10) – **02**

<b>Sr.No</b>	<b>Name of PG alumni</b>	<b>Designation</b>
1	Dr.Mrunalini Paturkar	Assistant professor, Jupiter Ayurved college,Nagpur
2	Dr.Prachi Sahane	Assistant professor, Gramin Ayurved College,Patur



44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts. –

Sr. no.	Enrichment programs(special lectures / workshops / seminar)	Topic	Date and Year	External Experts
1.	Workshop	Identification and Standardization of Medicinal	18 <sup>th</sup> December 2014	Dr Ramesh Acharya (Taxonomist)
2.	Conference	Opportunities and challenges in conservation and cultivation of medicinal plants	10 <sup>th</sup> & 11 <sup>th</sup> December 2015	Dr.Sharad Nimbalkar, Senior Agro scientist
3.	Conference	Clinical application of basic principles of Dravyaguna	30 <sup>th</sup> July 2016	Dr Pankaj Wanjarkhedakar, consulting physician and principal investigator, Dinanath Mageshkar Hospital, Pune
4.	Workshop	Traditional healers meet	12 <sup>th</sup> September 2016	Mr. Mallik , Gadchiroli

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

**Group discussion, demonstrations, e-teaching, integrated teaching (IT), early clinical exposure (ECE), problem based learning (PBL),Field visit.**

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored? –

**Marker point analysis in academic appraisal programme, logbook, Students feedback and formative assessment**

47. Highlight the participation of students and faculty in extension activities-

**Health camps, Village adaption, Janajagran, Suvarnaprashan, NSS activities,plantation,Blood donation camp**

48. Give details of “beyond syllabus scholarly activities” of the department.-

**STS project, Conferences, Quizzes, Value Education, Communication Skill**

49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details. – **No**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

**Applied aspect of Vrukshayurved to seed germination rate and healthy growth of rare and endangered medicinal plants**



### Evaluative Report of the Department

1. Name of the Department : **Kayachikitsa**
2. Year of establishment : **2007**
3. Is the Department part of a college/Faculty of the university?

**Yes, Department is part of college**

4. Names of programs offered (UG, PG, Pharm D, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.) –

**UG : BAMS**  
**PG : MD(Kayachikitsa)**

5. Interdisciplinary programs and departments involved - **NIL**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. -**NIL**
7. Details of programs discontinued, if any, with reasons - **NIL**
8. Examination system: Annual/semester/Trimester/Choice based credit system-  
**UG – Annual**  
**PG – Annual**
9. Participation of the department in the courses offered by other departments -**NIL**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
<b>Professor</b>	<b>2</b>	<b>2</b>	<b>2(1-CAS)</b>
<b>Associate Professor/Reader</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Assistant Professor</b>	<b>2</b>	<b>2</b>	<b>2</b>
<b>Lecturer</b>	-	-	-
<b>Tutor / Clinical Instructor</b>	-	-	-
<b>Senior Resident</b>	<b>2</b>	<b>2</b>	<b>2</b>

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of experience
Dr.Vinod Ade	BAMS,MD	Professor	Kayachikitsa	20years
Dr.Vaishali Kuchewar	BAMS,MD Mphil in HPE	Professor	Kayachikitsa	13 yrs, 3 months
Dr.Sadhana Misar(Wajpeyi)	BAMS,MD	Associate Professor	Kayachikitsa	10 years,11 months
Dr.Sourabh Deshmukh	BAMS,MD	Assistant Professor	Kayachikitsa	4 years,4 months
Dr.Shital Kolpakwar	BAMS,MD	Assistant Professor	Kayachikitsa	2 yrs

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors - **NIL**

13. Percentage of classes taken by temporary faculty – program-wise information - **NIL**

14. Program-wise Student Teacher Ratio –

Courses	Ratio
UG	<b>12:1</b>
PG	<b>2:1</b>

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual –

Sn.	Designation	Sanctioned	Filled	Actual
<b>1.</b>	<b>Technical Staff</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>2.</b>	<b>Administrative Staff</b>	<b>2</b>	<b>2</b>	<b>2</b>

16. Research thrust areas as recognized by major funding agencies-

Thrust areas	Funding agency
Hypertension	CCRAS
Diabetes mellitus	CCRAS
Geriatric care	CCRAS
Rheumatoid arthritis	CCRAS

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. - **NIL**

18. Inter-institutional collaborative projects and associated grants received
- a) National collaboration    b) International collaboration    -    **NIL**
19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.    -    **NIL**
20. Research facility / centre with
- State Recognition    -    **NIL**
  - National Recognition    -    **NIL**
  - International Recognition    -    **NIL**
21. Special research laboratories sponsored by / created by industry or corporate bodies-**NIL**
22. Publications:
- Number of papers published in peer reviewed journals (national / international)- **26**
- National**    -    **08**
- International**    -    **18**
- Monographs    -    **NIL**
  - Chapters in Books    -    **2**

Author name	Name of book	Name of Chapter	Publisher	Year
Dr. Vaishali Kuchewar	Complementary and alternative medicines in prostate cancer	Approach of Ayurveda to Prostate Cancer	CRC Press Pages 237–246 Print ISBN: 978-1-4987-2987-1 eBook ISBN: 978-1-4987-2988-8	2016
Dr. Sadhana Misar	Best practices in Panchkarma	Shirobhyanga & Padabhyanga in Anidra (Insomnia)	ISBN-978-93-5268-176-1	2017

- Books edited    -    **NIL**
- Books with ISBN with details of publishers –

Author name	Name of book	Publisher	Year
<b>Dr. Vinod Ade</b>	<b>Handbook of Kayachikitsa</b>	<b>ISBN:978-93-81608-67-8,Choukhamba Publications,New Delhi</b>	2015

- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)    -    **NIL**
- Citation Index    -    1
  - SNIP    -    Nil
  - SJR    -    Nil
  - Impact Factor    -    Nil
  - h-index    -    1

23. Details of IPR and income generated - **NIL**

Sr No	Name of Project		Dairy number	Income Generated
1.	Composition for melasma	Dr Vishal Kuchewar, Mr Manish Deshmukh, Dr.Adarshlata Singh	201621010190	Nil
2.	HERBAL COMPOSITION FOR TREATMENT OF OLIGOSPERMIA AND TO INCREASE SPERMMOTILITY	Transfer of patent to <b>MGAC</b>	Patent No.: <b>227492,</b> <b>Granted</b>	Nil

24. Areas of consultancy and income generated - **NIL**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad - **NIL**

26. Faculty serving in

- a) National committees                      b) International committees  
c) Editorial Boards                            d) any other (specify)

**NIL**

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).-

- **Medical Education Training**
- **Active participation in various conferences, Workshops, CMEs.**
- **By conducting conference, workshop, CMEs**

28. Student projects

- Percentage of students who have taken up in-house projects including inter-departmental projects –

Course wise students	Percentage
Postgraduates	100%

- Percentage of students doing projects in collaboration with other universities / industry / institute - **NIL**

29. Awards / recognitions received at the national and international level by

- Faculty –

Name of Faculty	Chairperson	Guest speaker	Awards
Dr.Vaishali Kuchewar	7	11	1
Dr. Vinod Ade	3		

- Doctoral / post doctoral fellows - **NIL**
- Students - **1**

30. Seminars/conferences/Workshops organized and the source of

funding(national/international)with details of outstanding participants, if any

Sr.No.	Type of event	Topic	Date & year	Source of funding	outstanding participants
1	Seminar	Emergency care in ancient & modern medical science	2/3/2013	Intramural/Institutional	
2	Seminar	Collaborative approach to skin diseases	15/11/2014	Intramural/Institutional	Amruta Batwe
3	CAME	Approach of Ayurveda towards Manasroga	10/10/2015	Intramural/Institutional	Vasudha Umate
4	Conference	Cardiology in Ayurved	17 <sup>th</sup> & 18 <sup>th</sup> Nov. 2016	Intramural/Institutional	Dr.Priti Lohe Siddhali Panse

31. Code of ethics for research followed by the departments-

**Yes, All Research projects are undertaken after the approval of institutional ethical committee and Animal ethics committee and the guidelines of Institutional IPR policy are strictly adhered to.**

32. Student profile program-wise

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	Through NEET	18	42	92.61%	100%
PG	Through NEET	3	3	NA	NA

33. Diversity of students

Name of Program	% of students from same university	% of students from other universities within the state	% of students from other universities outside the state	% of students from other countries
MD(Kayachikitsa)				
<b>2014-15</b>	33%	66%	0%	0%
<b>2015-16</b>	33%	51%	16%	0%
<b>2016-17</b>	33%	66%	0%	0%

34. How many students have cleared Civil Services and Defense Services examinations, NET,

SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. –

**52 Students.**

**35. Student progression**

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	<b>36%</b>
PG to M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>Nil</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campus selection	<b>24%</b>
• Other than campus recruitment	<b>9%</b>
Entrepreneurs	<b>22%</b>

**36. Diversity of Staff**

<b>Percentage of faculty who are graduates</b>		
of the same university	:	<b>0%</b>
from other universities within the State	:	<b>80%</b>
from universities from other States:		<b>20%</b>
from universities outside the country:		<b>Nil</b>

**37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period – 1**

<b>Name of the Faculty</b>	<b>Awarded with M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt.</b>
<b>Dr. Vaishali Kuchewar</b>	<b>M.Phil</b>

**38. Present details of departmental infrastructural facilities with regard to**

- Library –departmental library –

<b>Sr. No.</b>	<b>Books</b>	<b>Numbers</b>
1	Text book	152
2	e-book	30
3	Total	182



- Internet facilities for staff and students - **Available**
  - Total number of class rooms – **1 Seminar room**
  - Class rooms with ICT facility and 'smart' class rooms - **Available**
  - Students' laboratories - **NA**
  - Research laboratories- Central Research lab. available
- 39.** List of doctoral, post-doctoral students and Research Associates
- from the host institution/university - **NIL**
  - from other institutions/universities – **NIL**
- 40.** Number of post graduate students getting financial assistance from the university. -**NIL**
- 41.** Was any need assessment exercise undertaken before the development of new program(s) ?  
If so, highlight the methodology. – **No**
- 42.** Does the department obtain feedback from
- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback ?  
  
**Yes, feedbacks are analyzed in dcc and put before bos and dean's committee for approval then**
  - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback ?  
  
**Yes, the feedback from students are utilized for improvement of performance of the staff and updation of curriculum.**
  - Alumni and employers on the programs offered and how does the department utilize the feedback ?  
  
**Yes, the feedback from them are utilized for identification of needs for development, designing and updation of curriculum and syllabus.**
- 43.** List the distinguished alumni of the department (maximum 10) - **NA**
- 44.** Give details of student enrichment programs (special lectures / workshops / seminar)

involving external experts.- **Seminars and Workshops & Guest lectures**

Sr.	Date & Year	Title	External experts
1	2/3/2013	Emergency care in ancient & modern medical science	Dr. T N Kamble, Dr. Amol Meshram
2	15/11/2014	National seminar on “ Collaborative approach to skin diseases”	Dr. Tapan Tripathi Dr. Savita Murke
3	10/10/2015	Approach of Ayurveda towards Manasroga	Dr. Surendra Soni Bharat Gupta
4	17 <sup>th</sup> & 18 <sup>th</sup> No v. 201 6	National conference on ‘Cardiology in Ayurved’	Dr. S.N. Ojha Dr. Tapan Vaidya Dr. Makrand Gore Dr. Gurumanikandan

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

**Teaching by Audio-visual aids, PBL, IT, Seminars, Tutorial, Group discussion, OMP**

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

Marker Point Analysis in **AcAP, Logbook, Student Feedbacks and Formative assessments.**

47. Highlight the participation of students and faculty in extension activities. **Camps, Village adoption, NSS, Janjagaran**

48. Give details of “beyond syllabus scholarly activities” of the department. –  
**Conferences /Quizes/ IPR Activities. Value education, communication skills**

49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details. - **Nil**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

**New Knowledge generated are being utilized for the development of techniques and tools in teaching and learning, in better understanding of clinical examination & managemen of patient.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

	Strength	Weakness	Opportunity	Challenges
Curricular aspects:	Well Structured curriculum Periodic revision of curriculum considering the feedback of stakeholders	-	To add current topics pertaining to the societal needs .	-
Teaching Learning and Evaluation	Faculties with additional qualification  Innovative evaluation methods undertaken by the faculty  Availability of E-museum		New teaching methodology can be adopted in clinical teaching Simulation based Clinical teaching  Copyrights for innovative techniques	Time management  Promotion of innovative techniques to other Ayurved institutes.
Research and extension activities	Rasayan chikitsa for Geriatric as well as Degenerative disorders	Lack of funded projects	To apply for funded projects with scope of various thrust areas Research projects for UG students and interns	Making Ayurveda evidence based
Administrati on & infrastructure	50% faculty with additional responsibilities Well equipped panchakarma facility		To develop a module for Ayurved Paramedics  Special unit for Derma care	Time management for quality health care dispensation.

52. Future plans of the department.

- To take Interdisciplinary Research projects
- To concentrate on Geriatric population(to organize free health check-up camps in peripheral OPDs) to prevent Geriatric disorders
- To increase number of publications

## Evaluative Report of the Department

1. Name of the Department : **Kriyasharir**
2. Year of establishment : **2007**
3. Is the Department part of a college/Faculty of the university? : **Yes, Department is part of college**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

**UG : BAMS**

5. Interdisciplinary programs and departments involved : **NIL**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: **NIL**
7. Details of programs discontinued, if any, with reasons : **NIL**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System –  
**Annual / Semester /Choice based Credit system**

**UG- Annual**

9. Participation of the department in the courses offered by other departments  
**NIL**

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	1	1
Associate Professor/Reader		1	1
Assistant Professor	1	-	-
Lecturer			
Tutor / Clinical Instructor			
Senior Resident			

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Pradnya Dandekar	B.A.M.S. MD	Professor	Sharirkriya, MET	16 Years
Dr. Jagruti Chaple	B.A.M.S. MD	Associate Professor	Sharirkriya	8 Years

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors : **NIL**

13. Percentage of classes taken by temporary faculty – program-wise information : **NIL**

14. Program-wise Student Teacher Ratio

Courses	Ratio
UG	<b>30:1</b>

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :

Sn.	Designation	Sanctioned	Filled	Actual
1.	Technical Staff	1	1	1
2.	Administrative Staff	0	0	0

16. Research thrust areas as recognized by major funding agencies :

Sr No.	Thrust Areas	Funding agencies
1	<b>Yoga in Obesity</b>	<b>National Institute of Yoga &amp; Research</b>
2	<b>Concept of Prakriti</b>	<b>AYUSH</b>
3	<b>Concept of Agni</b>	<b>AYUSH</b>

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

**NIL**

18. Inter-institutional collaborative projects and associated grants received

- a) National collaboration      b) International collaboration

**NIL**

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

**NIL**

20. Research facility / centre with ( **including national programs etc**)

- state recognition: **NIL**
- national recognition: **NIL**
- international recognition: **NIL**

21. Special research laboratories sponsored by / created by industry or corporate bodies

**NIL**

22. Publications: (List of Details is Annexed)

Number of papers published in peer reviewed journals (national / international): **21**

\* **National - 10**

\* **International- 11**

- \* Monographs : **NIL**
- \* Chapters in Books : **NIL**
- \* Books edited : **NIL**
- \* Books with ISBN with details of publishers : **NIL**
- \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) : **04**
- \* Citation Index      –      3.5
- \* SNIP                   -      Nil
- \* SJR                    -      Nil
- \* Impact Factor       -      6.75
- \* h-index               -      2

23. Details of patents and income generated  
**NIL**

24. Areas of consultancy and income generated  
**NIL**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : **NIL**

26. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (specify)

Name of Faculty	Serving Agency/ Board/ Committee
<b>Dr. J. Chaple</b>	<b>Member board of editors- Journal Of Unique Journal of &amp; Ayurved &amp; Herbal Medicine</b>

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

**Medical Education Training, NABH Training**

**Active participation in various conferences, workshops, CMEs.**

**Facilitate faculty for various, fellowship programs, M.Phil in HPE and interdisciplinary PhD.**

**By conducting / attending conference, workshop, CMEs, webinars and group discussions.**

28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects

Course wise Students	Percentage
UG	<b>4%</b>

- percentage of students doing projects in collaboration with other universities / industry / institute : **NIL**

29. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows
- Students

Faculty	Names	Awards / recognitions
	<b>Dr. P.D. Dandekar</b>	<b>06</b>
	<b>Dr. J. Chaple</b>	<b>02</b>



30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sr. No	Events	Topic	Date & Year	Source of funding	Outstanding participants
1	Seminar	'Concept of Srotas and its importance in Dhatuchikitsa	30 <sup>th</sup> March 2013	Intramural/ Institutional	-
2	Seminar	The Role of Rasayanchikitsa in prevention of ageing process'	26 October 2013	Intramural/ Institutional	
3	Seminar	The Role of Tridosha at Cellular level	14 March 2015	Intramural/ Institutional	Dr. Kiran Kale
4	Seminar	Physiological concepts application in Panchakarma	18 & 19 March 2016	Intramural/ Institutional	Dr. Renu Rathi
5	Seminar	Concept of Raktavaha Srotas-Clinical perspective	26 October 2016	Intramural	-

31. Code of ethics for research followed by the departments

**Yes, all research Projects are undertaken after the approval of Institutional Ethical Committee, and Animal Ethical Committee and the guidelines of institutional IPR policy are strictly adhered to.**

32. Student profile program-wise :

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	Through NEET	18	42	100%	92.61%

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
NA	NA	NA	NA	NA

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

**52 Students**

35. Student progression : **NA**

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	<b>36%</b>
PG to M.Phil, DM / M Ch / DNB	<b>NA</b>
PG to Ph.D.	<b>Nil</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campus selection	<b>24%</b>
• Other than campusrecruitment	<b>9%</b>
Entrepreneurs	<b>22%</b>

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period : **NIL**

38. Present details of departmental infrastructural facilities with regard to

- a) Library : **Total Number of books- 89**  
**Journals - 02**  
**E-books -02**
- b) Internet facilities for staff and students : **Yes**
- c) Total number of class rooms :**NA**
- d) Class rooms with ICT facility and 'smart' class rooms **NA**
- e) Students' laboratories : **Yes, available**
- f) Research laboratories : **Yes, Central Research Laboratory available**

39. List of doctoral, Post doctoral and Research Associates **NIL**

- a) from the host institution/university
- b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university.

NA

41. Was any need assessment exercise undertaken before the development of new program(s) ? If so, highlight the methodology.

**Yes, need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis, user analysis and work analysis.**

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? :

**Yes, the Feedback from faculties on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, then it goes to Deans committee for approval. After this it is presented in academic council then it is notified by BOM and finally implemented.**

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? :

**Yes, the Feedback from students on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, then it goes to Deans committee for approval. After this it is presented in academic council then it is notified by BOM and finally implemented.**

c. Alumni and employers on the programs offered and how does the department utilize the feedback? :

**Yes, the Feedback from alumni & employers on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, and then it goes to Deans committee for approval. After this it is presented in academic council then it is notified by BOM and finally implemented.**

43. List the distinguished alumni of the department (maximum 10) : NA

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts. :

Sr. No	Events	Topic	Date & Year	external experts
1	Seminar	Rasayanchikitsa- to prevent ageing process	26 October 2013	Dr. Rameshbabu- Ex Director -CCRS
2	Seminar	The Role of Tridosha at Cellular level	14 March 2015	Dr. Supria Bhalerao- Research Scientist ISHA, Pune
3	Seminar	Physiological concepts of Panchakarma & it's application	19 March 2016	Dr. Kishor Patwardhan, BHU
4	Seminar	Concept of Raktavaha Srotas- Clinical perspective	26 October 2016	Dr. Kodwani, GACN

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

**ITP, PBL, Tutorial, Seminar, Group discussion, Case Based study conducted to discuss Practical part. Early Clinical exposure is also incorporated.**

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

**Program Objectives are monitored by Students Feedback, Academic Appraisal Programme**

**Learning outcomes are monitored by periodic assessment of students through formative assessment.**

47. Highlight the participation of students and faculty in extension activities.

**Faculty participated in multidagnostic Camps, Specialized Camps, Village Adaption Programme, Suwarnaprashan Programme, Janajagaran, Kojagiri Programme, Plantation, NSS activities Swachha Bharat Abhiyan.**

48. Give details of “beyond syllabus scholarly activities” of the department.

**STS projects, Conferences, Quizzes', Value education, communication skills, Village adoption program.**

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

**NO**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

**Working on creation of Students Mentoring Program to enhance academic performance of low achievers.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**SWOC Analysis**

	<b>Strengths</b>	<b>Weaknesses</b>	<b>Opportunities</b>	<b>Challenge</b>
Curriculum Aspects	Revision of curriculum after every three years as per need analysis.		To revise our curriculum as per current requirement of society.	
Teaching Learning and Evaluation	Trained and Dedicated Faculty, Innovative Teaching- Learning Methods  Sufficient Self learning material		To start P. G. Course	Promotion of UG students for research activities.
Infrastructure	Practical laboratory with number of working models.		Establishment of laboratory to incorporate conceptual physiological aspects.	To take funded project based on conceptual aspect.
Learning resources	Softwares of Prakriti Analysis		To start Prakriti Analysis Clinic.	To take funded project based on as Ayurvedic molecular biology.
Research activities	University campus with vision of interdisciplinary approach of development.	Short of funded projects	Conducting interdisciplinary CME, seminars, workshops etc.	To conduct departmental, interdepartmental and interdisciplinary research work.

52. Future plans of the department.

1. To work on Ayurvedic molecular Biology.
2. To start PG Course.
3. Analysis of Prakriti clinic in hospital.
4. Arrange National conference to explore basic concepts of Ayurveda.

## Evaluative Report of the Department

1. Name of the Department : **Kaumarbhritya**
2. Year of establishment : **2007**
3. Is the Department part of a college/Faculty of the university? : **Yes**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.) :
- UG- BAMS, PG- MD (Kaumarabhritya)**
5. Interdisciplinary programs and departments involved : **NIL**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. : **NIL**
7. Details of programs discontinued, if any, with reasons : **None**
8. Examination System : **UG & PG-Annual**
9. Participation of the department in the courses offered by other departments: **NIL**
10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/ others)

<b>Particular</b>	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
Professor	01	01	01
Associate Professor/Reader	01	01	01
Assistant Professor	02	02	02
Lecturer	-	-	-
Tutor / Clinical Instructor	-	-	-
Senior Resident	02	02	02

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Renu Rathi	BAMS , MD	Professor & HOD	Kaumarbhritya	16 years, 3 months
Dr. Jyothy K.B.	BAMS, MD PhD	Asso. Professor	Kaumarbhritya	5 years ,7 months
Dr. Srihari S.	BAMS, MD PhD	Lecturer	Kaumarbhritya	5 years, 3 months
Dr.Priyanka Shelotkar	BAMS , MD	Lecturer	Kayachikitsa	1 year

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: **NIL**

13. Percentage of classes taken by temporary faculty - program-wise information:

**NIL**

14. Program-wise Student Teacher Ratio:

S.N.	Program	Student Teacher Ratio
1.	UG	15:1
2.	PG	2:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Sn.	Designation	Sanctioned	Filled	Actual
1.	Technical Staff	0	0	0
2.	Administrative Staff	2	2	2

16. Research thrust areas as recognized by major funding agencies:

Sr. No.	Research thrust areas	Funding agencies
1	Maternal Child Health Care	CCRAS
2	Anaemia, PEM	CCRAS
3	Juvenile DM	CCRAS

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

: Nil

18. Inter-institutional collaborative projects and associated grants received  
a) National collaboration b) International collaboration

: NIL

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received

NIL

20. Research facility /centre with:

\* State recognition : NIL

\* National recognition : NIL

\* International recognition : NIL

21. Special research laboratories sponsored by / created by industry or corporate bodies:

NIL

22. Publications:

\* Number of papers published in peer reviewed journals (national / international)  
21 (International), 5 National

\* Monographs: NIL



\* Chapters in Books: 5

S.N.	Name of Author	Name of the Book	Chapter's name	Publisher
01	Dr. Renu Rathi	Panchakarma Vyapad : Avastha Ani Vyavastha	Chapter : Balkatil Panchkarma Vyapad Ani TyanchaPratikal	T.M. Gogte Pratisthan , Nashik Editor: Vd. ShivanandTonde Jan 2017 ISBN :978-93-82627-03-6
2	Dr. Renu Rathi	Best Practices in Panchkarma	Comparative efficacy of therapeutic Panchakarma Procedures in Children with CP	ISBN: 978-93-5268-176-1 Publisher-Registrar, DMIMS 2017
3.	Dr. Jyothy K. B.	Best Practices in Panchkarma	Effect of Snehana in Pityriasis Lichensies Chronica (Vatottara Kushta)	ISBN: 978-93-5268-176-1 Publisher-Registrar, DMIMS (DU) 2017
4.	Dr. Srihari S	Best Practices in Panchkarma	Panchakarma in Hypoxic Ischemic Encephalopathy	ISBN: 978-93-5268-176-1 Publisher-Registrar, DMIMS (DU) 2017
5.	Dr. Priyanka Shelotkar	Best Practices in Panchkarma	Role of Ritukala Shodhana & Shamana Chikitsa in PCOS W S R to Rasadhatudushti	ISBN: 978-93-5268-176-1 Publisher-Registrar, DMIMS 2017

\* Books edited : **NIL**

\* Books with ISBN with details of publishers : **NIL**

\* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) : **2 Pubmed Indexed**

- \* Citation Index: : 1.66
- \* SNIP : NIL
- \* SJR : NIL
- \* Impact Factor : 2.6
- \* h- Index : 2

23. Details of patents and income generated: **NIL**

Patent Title	Diary No	Researcher	Income Generated
Herbomineral Composition for the treatment of infections caused by Dermatophytes.	201621010192	Dr. Srihari S	Nil

24. Areas of consultancy and income generated : **NIL**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : **NIL**

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (specify)

S.N.	Faculty's Name	Serving in
1.	Dr. Srihari S	<ul style="list-style-type: none"> <li>• Editor-In Chief - Journal of Research in Traditional Medicine</li> <li>• Associate Editor - Journal of Indian System of Medicine</li> <li>• Reviewer -AYU Journal</li> <li>• Reviewer - Journal of Research in Education of Indian Medicine</li> </ul>
2.	Dr. Jyothy K B	Editorial Board- Journal of Research in Traditional Medicine

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).-

**Workshop on mechanism, paper setting, validation, value education basic and advance teacher training , research methods, life support, Neonatal resuscitation**

## 28. Student projects

- \* Percentage of students who have taken up in-house projects including inter-departmental projects-

S.N.	Course wise student	Percentage
1.	UG	2 %
2.	PG	100%

- \* Percentage of students doing projects in collaboration with other universities / industry / institute - **NIL**

## 29. Awards / recognitions received at the national and international level by

- \* **Faculty: 11**

Sl.no	Name of the Faculty	Awards	Guest Speaker	Chairperson
1	Dr. Renu Rathi	1 (National)	2 (International)	5 (National)
2	Dr. Srihari S	-	1 (National) 1 (International)	1(International)

- \* Doctoral / post-doctoral fellows: **NIL**

- \* Students (UG) -**Nil**

- \* Students (PG) -**Nil**

## 30. Code of ethics for research followed by the departments:

**Yes, all the research projects are undertaken after the approval of institutional ethics committee, and Animal ethics committee and the guidelines of institutional IPR policy are strictly adhered to.**

## 31. Student Profile program wise-

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	Through NEET	18	42	100%	100%
PG	Through NEET	4	2	NA	NA

32. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sr no.	Academic event	Theme	Year	Source of Funding	Outstanding Participants
1	Seminar	Preventive Paediatrics	2013	Intramural	-
2.	Workshop	Ayurvedic interventions in Cerebral Palsy	27-28 <sup>th</sup> June 2014	Intramural + Different Pharmacy companies	Dr. MadhuKrishnan, Dr. Sohini S (PG Scholars)
3.	Seminar	Prasav Kalin Vyadhi	2015	Intramural	
4.	Seminar	Prevention and Management of GIT disorders in Children	August 2015	Intramural	
5.	QUIZ Competition	World Breast Feeding Week	3rd August 2016	Intramural	
2	Workshop	BNCRP	2016	Indian Academy of Pediatrics, NNF, Mumbai	Dr. Akshay Patankar, Dr. Puja Srivastav (PG Scholars)

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the	% of students from other countries
<b>UG - Kaumarbhritya</b>	NA	NA	NA	NA
<b>PG- Kaumarbhritya</b>	66.66%	33.33%	Nil	Nil

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. : 52 Students

35. Student progression

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	<b>36%</b>
PG to M.Phil, DM / M Ch / DNB	<b>Nil</b>
PG to Ph.D.	<b>Nil</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campus selection	<b>24%</b>
• Other than campus recruitment	<b>9%</b>
Entrepreneurs	<b>22%</b>

36. Diversity of staff

**Percentage of faculty who are graduates**

of the same university	-	0 %
from other universities within the State	-	50%
from universities from other States	-	50%
from universities outside the country	-	0%

37. Number of faculty who were awarded M. Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period:

S.N.	Name of Faculty	Degree awarded	Year
1.	Dr. Jyothy K.B	Ph. D	2015

38. Present details of departmental infrastructural facilities with regard to

- Library: Total Books- 123, E- books – 90, Journals- 1 , Manual-1
- Internet facilities for staff and students : Available
- Total number of class rooms : 3
- Class rooms with ICT facility and 'smart' class rooms : 1
- Students' laboratories : NA
- Research laboratories : Yes, Central Research Laboratory

39. List of doctoral, post-doctoral students and Research Associates - Nil

40. Number of post graduate students getting financial assistance from the university. : Nil

41. Was any need assessment exercise undertaken before the development of new program(s) ? If so, highlight the methodology.

**Yes, need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office Govt. of India and is based on context analysis , user analysis and work analysis**

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

**Yes, the feedback from faculties on curriculum and teaching-learning-evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, then it goes to Dean's committee for approval. After this it is presented in academic council then it is notified by BOM and finally implemented.**

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **YES**

c. c. alumni and employers on the programs offered and how does the department utilize the feedback? **Yes, Feedback is scrutinized, summarized and analyzed after the approval of DCC, BOS, Dean's committee & Academic council, BOM and then implemented accordingly in curriculum.**

43. List the distinguished alumni of the department (maximum 10): **Nil**

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

<b>Sr no.</b>	<b>Enrichment programs</b>	<b>Theme</b>	<b>External Expert</b>	<b>Year</b>
1.	Workshop	Ayurvedic interventions in Cerebral Palsy	Dr. Shailaja, Rajagopala	27-28 <sup>th</sup> June 2014
2.	Seminar	Gastrointestinal disorders	Dr. T Y Swami	2015
3.	Seminar	Prasavakalina Vyadhi	Dr. Ritesh Jain	2015
4.	Hands on training	Neonatal Resuscitation	Dr. Akash Bang, Dr. Jain	2016

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

**Didactic, Tutorial, Seminar, Integrated teaching, Problem based Learning, Group Discussion, Tutorial, Quiz, Seminar, Simulations, Case based lectures, OMP**

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

**Through Academic appraisal, Student feedback and formative assessment**

47. Highlight the participation of students and faculty in extension activities.

**Health camps  
Village adoption program  
Suvarna Prashan Camps  
NSS activities  
Janjagran  
Plantation  
School Health Check up & Arogyashala**

48. Give details of “beyond syllabus scholarly activities” of the department.

**STS projects, Quiz, conferences, Models Preparation, Clinical skill training**

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

**No.**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

**Assessment of nutritional status of school going children in & around Wardha**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**SWOC Analysis of Kaumarbhritya**

ITEM	STRENGTHS	WEAKNESS	OPPORTUNITIES	CHALLENGES
<b>Curricular aspects</b>	Well structured curriculum updated periodically.		To inculcate the relevant and need based areas in the curriculum	

<b>Teaching-learning &amp; evaluation process</b>	Incorporation of innovative teaching learning process		<p>To conduct need based post graduate research works in establishing Ayurvedic treatment protocol for major childhood disorders</p> <p>Student &amp; faculty exchange program</p> <p>Promotion of student research activities.</p>	Copy rights for Innovative educational tools
<b>Manpower</b>	Dedicated & Experienced Faculties, 2 faculties with PhD qualification	Need of training to the masseurs in regard to Bal-panchkarma	To start, diploma/certificate courses in Child care through Ayurveda	Identifying expertise in performing childhood panchakarma procedures
<b>Clinical facilities</b>	Availability of sufficient childhood disorders & disabilities cases at OPD level	Lack of financial aid from insurance and government agencies for Ayurvedic treatments for IPD & day care	Developing speciality OPD & IPD facilities	Awareness among public about availability of Ayurvedic paediatric speciality care
<b>Infrastructure &amp; Equipment</b>	Separate Well equipped NBCC Bal-panchkarma unit			To start Ayurvedic Paediatric rehabilitation centre



	Separate vaccination & feeding room, Waiting area			To develop counselling centre for Behavioural Disorders
	Museum & E-museum			
	Manikin to demonstrate CPR with endotracheal tube insertion		To provide hands on simulation training in life saving skills to UG & PG students	Creating a state of art museum emphasizing on principles of Ayurveda in child care
<b>Research &amp; Resource</b>	50% faculty in editorial board	More Funded research projects	To conduct departmental, interdepartmental and interdisciplinary research works.  Promoting educational research through organization of interdisciplinary CME, seminars, workshops etc.	Identifying new funding agency and enhancing University fund for PG research projects and collaboration with various NGO
	25% faculty as reviewers for manuscript			
	50% faculty-as scrutiny committee members of Institutional Research projects			

52. Future plans of the department, related to academics, funded projects, collaborations & research.

- a) Proposal for PhD programme
- b) Motivation of students towards funding research projects.
- c) Development of specialty clinics
- d) To publish high impact publications
- e) Publication of textbook

## Evaluative Report of the Department

1. Name of the Department - **Panchakarma**
2. Year of establishment - **2007**
3. Is the Department part of a college/Faculty of the university?-

**YES, department is part of college**

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)
  - **UG-B.A.M.S,**
  - **PG- MD ( Panchakarma),**
  - **Super specialty fellowship,**
  - **Ph.D.,**
  - **Certificate Course in Panchakarma assistance,**
  - **Advance Course in Panchakarma Techniques**
5. Interdisciplinary programs and departments involved - **01**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. - **03**

	<b>Name of the University / Institution</b>
1	KLE University, Belagavi, India
2	Sri Vajera Foundation, Brazil
3	AVP Research Foundation, Coimbatore

7. Details of programs discontinued, if any, with reasons - **NIL**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
  - **UG- Annual**
  - **PG - Annual**
  - **Fellowship - CBCS**
9. Participation of the department in the courses offered by other departments - **02**

10. Number of teaching posts sanctioned, filled and actual  
(Professors/ Associate Professors/ Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	1	1
Associate Professor/Reader	1	1	1
Assistant Professor	2	2	2
Lecturer	0	0	0
Senior Resident	2	2	2

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. KSR Prasad	BAMS, MD	Professor	Kayachikitsa	20 years 6 Months
Dr. Shweta Parwe	BAMS, MD, M.Phil(H.P.E.)	Asso.Professor	Kayachikitsa	10 yrs 8 Months
Dr Nandkishor P Umale	BAMS, MD	Assistant Professor	MD Panchakarma	3 years 3 moths
Dr Punam Sawarkar	BAMS, MD	Assistant Professor	MD Panchakarma	5 years 4 month

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors- **NIL**
13. Percentage of classes taken by temporary faculty – program-wise information – **NIL**
14. Program-wise Student Teacher Ratio –

Courses	Ratio
UG	15:1
PG	3 :1
Ph.D	2:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual -

Sn.	Designation	Sanctioned	Filled	Actual
1.	Technical Staff	4	4	4
2.	Administrative Staff	1	1	1

16. Research thrust areas as recognized by major funding agencies -

Research thrust areas	funding agencies
Ayurveda Biology	SERB

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. - **NIL**
18. Inter-institutional collaborative projects and associated grants received **NIL**
- a) National collaboration b) International collaboration
19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **NIL**
20. Research facility / centre with - **NIL**
21. Special research laboratories sponsored by / created by industry or corporate bodies - **NIL**

22. Publications:

Number of papers published in peer reviewed journals (national / international) :-	<b>43 (National -06 and International -37)</b>
Monographs	<b>03</b>
Chapters in Books	<b>04</b>
Books edited	<b>02</b>

• **Monographs - 03**

Sr. No	Name of Author	Name of the Monograph	Publishers Name	Year
1.	Shweta Parwe	Effect of Yogic exercise & Paranayam on BMI & cardiopulmonary status	International Publication, LAMBERT Academic Publishing, ISBN no. <b>978-3-659-36950-6</b>	24 Mar 2013
2.	Shweta Parwe	Effect of Panchalavana Churna with Goghrot on Malavstambha,	International Publication, Scholar's Press ISBN no. <b>978-3-639-71988-8</b>	1 Aug 2014
3.	Shweta Parwe	Mini CEX Assessing Clinical Performance In Ayurved Undergraduate	International Publication LAMBERT Academic Publishing, ISBN no. <b>978-3-659-90942-9</b>	30 June 2016,

**Chapter in Books- 04**

Sr. No.	Name of Author	Name of the Book	Publishers	Year
1	KSR Prasad	Best practices in Panchakarma	published by Registrar, DMIMS(DU) ISBN-978-93-5268-176-1,	2017
2	Shweta Parwe	Best practices in Panchakarma	published by Registrar, DMIMS(DU) ISBN-978-93-5268-176-1,	2017
3	Punam sawarkar	Best practices in Panchakarma	published by Registrar, DMIMS(DU) ISBN-978-93-5268-176-1,	2017
4	Nandkishor Umale	Best practices in Panchakarma	published by Registrar, DMIMS(DU) ISBN-978-93-5268-176-1,	2017

**Books edited - 02**

Sr. No.	Name of Author	Name of the Book	Publishers Name	Year
1.	Shweta Parwe	Basic Concept of Nerve Conduction Velocity and Electromyography	International Publication, Schlor's press, ISBN no. <b>978-3-659-84108-8</b>	Aug 2016

2.	KSR Prasad	Best practices in Panchakarma	published by Registrar, DMIMS(DU) ISBN-978-93-5268-176-1,	2017
----	------------	-------------------------------	---	------

\* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.): **NIL**

\* Citation Index - Average **1.5**

\* SNIP : NA

\* SJR : NA

\* Impact Factor - range / **average = 1.7**

\* h-index : 1 to 2

23. Details of patents and income generated - **NIL**

24. Areas of consultancy and income generated - **NIL**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad - **1**

26. Faculty serving in **Editorial Boards**

- a) National committees b) International committees c) **Editorial Boards**  
d) any other (specify)

Name of Faculty	Serving Agency/ Board/ Committee
Dr.KSR Prasad	Chief Editor, Journal of Indian System of Medicine
Dr.Punam Sawarkar	Editorial Board UJAHM, IJMMSR), International Journal of Herbal Medicine

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).  
Basic Course Workshop, Advance Course, Basic Education skills & Education Course, Writers workshop, Orientation programs.

28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects = **in-house STS projects- 4**

Course wise Students	Percentage
UG	4 (8.3 %)
MD/MS	100%
Ph. D	100%

- percentage of students doing projects in collaboration with other

universities / industry / institute - NIL

28. Awards / recognitions received at the national and international level by

Faculty

Sr.	Name of Faculty	Resource Person	Chair person	Best Paper
1	Dr. KSR Prasad	19	09	-
2	Dr. Shweta Parwe	05	-	-
3	Dr Nandkishor P Umale	02	-	-
4	Dr Punam Sawarkar	02	-	01

29. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sr. No	Events	Topic	Date & Year	outstanding participants	Source of funding
1	<b>Seminar</b>	Standardization of Panchakarma Procedure	20/06/2014.	-	Intramural/ Institutional
2	<b>Workshop</b>	Research on Book Writing	12-13 / 12/ 2014		Intramural/ Institutional
3	<b>2016Pre seminar workshop</b>	Physiological concept in application of Panchakarma Disha - 2016	18-19/03/	Dr. Renu Rathi	Intramural/ Institutional
4	<b>Symposium Prayoga</b>	Best practices in Panchakarma	20/01/2017		Intramural/ Institutional

30. Code of ethics for research followed by the departments

**Yes, all research Projects are undertaken after the approval of Institutional Ethical Committee, and Animal Ethical Committee and the guidelines of institutional IPR policy are strictly adhered to.**

31. Student profile program-wise :

Name of the Program (Refer to question no.4)	Application received	Selected		Pass Percentage	
		Male	Female	Male	Female
UG	Through NEET	13	36	100%	83%

PG	Through NEET	3	3	NA	NA
----	--------------	---	---	----	----

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
<b>MD Panchakarma</b>				
2014	83.33.	16.66	-	-
2015	100	0	-	-
2016	50	50	-	-
<b>Ph.D. Panchakarma</b>				
2016	0	100	-	-
2017	0	100	-	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. - **52 Students.**

35. Student progression

Student progression	Percentage against enrolled
UG to PG	-- 36%
PG to M.Phil, DM / M Ch / DNB	-- Nil
PG to Ph.D.	-- Nil
Ph.D. to Post-Doctoral	-- Nil
Employed	--
• Campus selection	-- 24%
• Other than campus recruitment	-- 9%
• Entrepreneurs	-- 22%



36. Diversity of staff

**Percentage of faculty who are graduates**

Of the same university	00
From other universities within the State	75%
From universities from other States	25%
From universities outside the country	00

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period -

Name of the Faculty	Awarded with M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt.
<b>Dr. KSR Prasad</b>	<b>Ph.D.</b>
<b>Dr. Shweta Parwe</b>	<b>M. Phil.</b>

38. Present details of departmental infrastructural facilities with regard to

- a) Library - **Available Books** - **154** ,
  - Reference books - 117
  - e- books - 7
  - Journal - 10
  - Thesis - 20
- b) Internet facilities for staff and students - **YES, Available**
- c) Total number of class rooms - **2**
- d) Class rooms with ICT facility and 'smart' class rooms - **YES, 1**
- e) Students' laboratories - Yes, 10 **Panchakarma Labs**
- f) Research laboratories - **Yes (Central Research Lab )**

39. List of doctoral, post-doctoral students and Research Associates - **NA**

- a) from the host institution/university -
- b) from other institutions/universities -

40. Number of post graduate students getting financial assistance from the university. - **NA**

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.  
**Yes, need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office Government of India and is based on context analysis, user analysis and work analysis**
42. Does the department obtain feedback from
- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?  
**Yes, the Feedback from faculties on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, and then it goes to Dean Committee for approval. After this it is presented in academic council then it is notified by BOM and finally implemented.**
- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?  
**Yes, the Feedback from students on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, and then it goes to Dean Committee for approval. After this it is presented in academic council then it is notified by BOM and finally implemented.**
- c. Alumni and employers on the programs offered and how does the department utilize the feedback?  
**Yes, the Feedback from alumni & employers on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, and then it goes to Dean Committee for approval. After this it is presented in academic council then it is notified by BOM and finally implemented.**
43. List the distinguished alumni of the department (maximum 10) -NA

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts. -

**Guest Lecture - 02,  
Workshop- 1**

Sr. No	Enrichment programs	Theme	Date & Year	External Expert
1	<b>Guest Lecture</b>	Standardization of Panchakarma Procedure	20/06/2014	Dr. Seema Chawardol
2	<b>Workshop</b>	Research on Book Writing	12-13/12/2014	Dr. Nisteshwar
3	<b>Workshop</b>	Application of Panchakarma (Disha - 2016)	18-19/03/2016	Dr.Kishor Patwardhan

45. List the teaching methods adopted by the faculty for different programs including clinical teaching. -

- **Group discussion, demonstration, e -teaching, integrated teaching (IT), problem based learning (PBL), and Case based learning.**

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

**Program Objectives are monitored by Students Feedback, Academic Appraisal Programme**

Learning outcomes are monitored by periodic assessment of students through formative assessment.

47. Highlight the participation of students and faculty in extension activities.

- **Health camps, Village adaption, Janajagran, Suvarnaprashan, NSS activities, Tree plantation**

48. Give details of "beyond syllabus scholarly activities" of the department. -

- **Paper/ poster in different seminars/workshop/conference, paper publications, STS project, Essay competition, CME for PG students, Value education, Conferences, Communication skills**

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details. - **No**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied -**Bed to Procedure room**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

<b>Strengths</b>	<b>Weakness</b>	<b>Opportunity</b>	<b>Challenges</b>
<b>Academics</b> 100% Staff as per CCIM norms	-	Creation and Validation of Procedures	To create new trend instrumentation
Collaboration with other centers of Panchakarma	-	To create courses in and Research domains in Panchakarma	To make Advanced researches to identify the Pathways of Panchakarma Procedures
<b>Infrastructure</b> Sufficient infrastructure – Good working space with Net facility 49 Beds in Hospital	-	Expanded area can be used for creating new courses	To create New Spa-trend Panchakarma Therapist
<b>Equipments</b> Full length equipment as per direction of CCIM	-	To develop new courses	To establish a world class attached Physiotherapy / Water Physiotherapy Unit
<b>Research &amp; Resource</b> With able Faculty researches are undertaken and became Resource for external agencies	-	To involve more organizations for collaborations and consultancy	Standardization of Panchakarma research on lines of modern medicine.  Identifying the best payable agencies for consultancy

52. Future plans of the department of Panchakarma

1. Teaching staff will increase as per increase in number of student capacity as per CCIM norms
2. Sophisticated Panchakarma Program rooms are planned for spa type therapeutic working
3. New trend need based courses are planned for the need of the society and students
4. Proposed to undertake Inter-University studies with MoU
5. New MoU national and International will be made

### 3. Evaluative Report of the Department

1. Name of the Department : **Rachana Sharir**
2. Year of establishment : 2007
3. Is the Department part of a college/Faculty of the university? : **Yes, Department is part of college**
4. Names of programs offered (UG, PG, Pharm D, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

**UG: BAMS**  
**PG: MD (Rachana Sharir)**  
**Ph. D.**

5. Interdisciplinary programs and departments involved : **NIL**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. **NIL**
7. Details of programs discontinued, if any, with reasons : **NIL**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System - **Annual / Semester /Choice based Credit system**  
**UG - Annual**  
**PG - Annual**
9. Participation of the department in the courses offered by other departments **NIL**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	1	1
Associate Professor/Reader	1	1	1
Assistant Professor	2	2	2
Lecturer	-	-	-
Tutor / Clinical Instructor	-	-	-
Senior Resident	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Priti Desai	BAMS, MD	Professor & Head	Sharir Rachana	16 yrs 3 month
Dr. Sachin Khedikar	BAMS, MD	Associate Professor	Sharir Rachana	8 yrs 5 month
Dr. Gaurav Sawarkar	BAMS, MD	Assistant Professor	Rachana Sharir	5 yrs 8 months
Dr. Umesh Yelane	BAMS, MD	Assistant Professor	Rachana Sharir	5 Years, 4 Month

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors – **NIL**

13. Percentage of classes taken by temporary faculty – program-wise information – **NIL**

14. Program-wise Student Teacher Ratio

Course	Ratio
UG	15:1
PG	2:1
Ph. D.	1:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Post	Sanctioned	Filled	Actual
Lab technician	2	2	2
Lab Assistant	1	1	1
Museum Keeper	1	1	1
Lifter	1	1	1
Attendant/multipurpose worker	1	1	1

16. Research thrust areas as recognized by major funding agencies:

S.N.	Research Thrust Area	Funding Agency
1	Musculoskeletal disorders	CCRAS
2	Marma therapy	CCRAS

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Number of faculty- **01**

<b>Names of the agency agencies</b>	<b>Project title</b>	<b>National/ International</b>	<b>Total grants received</b>
MGIRI	Randomized double blinded clinical study to evaluate the efficacy & safety of probiotic honey in children with acute rota viral diarrhoea	National	Rs. 88,500/- Received

**18. Inter-institutional collaborative projects and associated grants received**

- a) National collaboration      b) International collaboration

**NIL**

**19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

**NIL**

**20. Research facility / centre with ( including national programs etc)**

- State recognition: **NIL**
- National recognition: **NIL**
- International recognition: **NIL**

**21. Special research laboratories sponsored by / created by industry or corporate bodies**

**NIL**

**22. Publications: (List of Details is annexed)**

Number of papers published in peer reviewed journals (national / international):

National- **07** International- **14**

\* Monographs : **NIL**

\* Chapters in Books : **01**

<b>SN</b>	<b>Author</b>	<b>Book</b>	<b>Chapter Name</b>	<b>Publisher</b>
01	Sachin Khedikar	Proceedings of international Conference on Tantra Sharir, Kundalini Yoga & Psychosomatic Disorders (ISBN 978-81-7637-361-6)	Correlative study of Yogic Trividha Nadi with reference to Nervous System	Chaukhambha Orientalia, Varanasi
02	Gaurav Sawarkar	Best Practices in Panchkarma (ISBN 978-93-5268-176-1)	Relevance of Marma Sharir in Abhyanga	Registrar DMIMS (DU), 2017,

\* Books edited : **NIL**

- \* Books with ISBN with details of publishers : **NIL**
- \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) : **14**
- \* Citation Index – **1**
- \* SNIP - Nil
- \* SJR – **0.14**
- \* Impact Factor -
- \* h-index – **01**

**23. Details of patents and income generated**

	Title of Copyright/Patents	Researcher	Status	Income Generated
1	Copyright - Module on Early Clinical Exposure in ayurveda education	Dr. Priti Desai Dr. Sunita Vagha Dr. V. P. Mishra	Registration No – L64835/2017	Free
2	Copyright - LRM on Concept of Purush	Dr. Priti Desai Dr. G. Savarkar Dr. U. Yelane	Diary No. - 11058/2015-CO/L	Free
3	A Novel synergistic Herbal formulation for the treatment of obesity and associated disorders.	Dr. Sachin Khedikar Mr. Manish Deshmukh	Diary No. - 201621010191	Free

**24. Areas of consultancy and income generated - NIL**

**25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad: NIL**

**26. Faculty serving in**

- b) National committees b) International committees c) Editorial Boards d) any other (specify)

National committees	1
International committees	-
Editorial Boards	3

**27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).**

Medical Education Training



Active participation in various conferences, workshops, CMEs.

To facilitate faculty for various fellowship programs, M.Phil and PhD.

By conducting / attending conference, workshop, CMEs, webinars and group discussions.

## 28. Student projects

- Percentage of students who have taken up in-house projects including inter-departmental projects

Course wise Students	Percentage
MD	<b>100%</b>

- percentage of students doing projects in collaboration with other universities / industry / institute : **NIL**

## 29. Awards / recognitions received at the national and international level by

- Faculty

SN	Name of Faculty	Awards	Guest Speaker	Chairperson
1	Dr. Priti Desai	1	2	1
2	Dr. Sachin Khedikar	2	-	3
3	Dr. Gaurav Sawarkar	-	-	1
4	Dr. Umesh Yelne	2	-	1

- Doctoral / post doctoral fellows
- Students

SN	Name of Faculty	Awards	Guest Speaker	Chairperson
1	Dr. Smita Jha (PG)	2	-	-

## 30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

SN	Type of Event	Topic	Date	Source of Funding	Outstanding Participants
1	CME	Radiology in Rachana Sharir	05/03/2013	Intramural / Institutional funded State Level	
2	Essay	Essay Competition in Rachana Sharir	November – 2013	Intramural / Institutional funded National Level	1st Ayesha Thahneen, 2nd Prakriti Shetty Manipal 3rd winner from MGACHRC
3	Workshop	Research Methodology in Rachana Sharir	13 <sup>th</sup> & 14 <sup>th</sup> March 2014	Intramural / Institutional National Level	
4	CME	6 days CME for Teachers in Rachana Sharir, Govt. of India	7 <sup>th</sup> to 12 <sup>th</sup> July 2014	Funded by AYUSH & Ministry of health & family welfare, Gov. of India. National Level	

5	CME	Genetics in Ayurveda	08/01/2015	Intramural / Institutional funded State Level	---
6	CME	Approach to Cosmetic Surgery Ancient & Modern Perspective	26/02/2016	Intramural / Institutional funded State Level	
7	CME	Concept of Raktavaha Srotas-Clinical Perspective	26/10/2016	Intramural / Institutional funded State Level	

**31. Code of ethics for research followed by the departments**

**Yes. All research Projects are undertaken after the approval of Institutional Ethical Committee, and Animal Ethics Committee and the guidelines of institutional IPR policy are strictly adhered to.**

**32. Student profile program-wise: As per Annexure.**

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	Through NEET	18	42	100%	92.61%
PG	Through NEET	2	2	NA	NA
Ph. D.	--	1	0	-	-

**33. Diversity of students**

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
MD (Rachana Sharir)	42 %	50 %	0.07 %	
Ph.D		100 %		

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.**

**52 Students**

**35. Student progression:**

Student progression	Percentage against enrolled
UG to PG	36%

PG to M.Phil, DM / M Ch / DNB	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	24% 9%
Entrepreneurs	<b>22%</b>

**36. Diversity of staff**  
**Percentage of faculty who are graduates**

of the same university	:	<b>0%</b>
from other universities within the State	:	<b>100%</b>
from universities from other States	:	-
from universities outside the country	:	-

**37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period : 02**

<b>Name of the Faculty</b>	<b>Awarded with</b> M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt.
<b>Dr. Priti Desai</b>	<b>M.Phil</b>

**38. Present details of departmental infrastructural facilities with regard to**

**a) Library: Total No. of books = 129**

<b>SN</b>	<b>Books</b>	<b>Numbers</b>
1	Reference books	35
2	Text Books	79
3	E-books	01
4	Journal	02
5	Reference Material	12

- b) Internet facilities for staff and students : **Yes**
- c) Total number of class rooms : **02**
- d) Class rooms with ICT facility and 'smart' class rooms : **01**
- e) Students' laboratories : **Yes, available**
- f) Research laboratories : **Available (Central Research Lab)**

39. List of doctoral, Post doctoral and Research Associates

- a) From the host institution/university  
 b) From other institutions/universities

SN	Category	Year	From the host institution/university	From other institutions/universities
1	Ph. D.	2016-17	0	01

40. Number of post graduate students getting financial assistance from the university.  
 Research Grants list

**PG-01**

41. Was any need assessment exercise undertaken before the development of new program(s)  
 ? If so, highlight the methodology.

**Yes, need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying/ Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis, user analysis and work analysis.**

42. Does the department obtain feedback from

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback ? : **Yes,**

**Feedback taken from employers and staff, which are discussed in departmental curriculum committee, then analyzed and presented before external expert with departmental curriculum committee and BOS members. Then, it is presented in front of academic council and notified by BOM and finally implemented.**

- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback ? : **Yes,**

**Feedback taken from students, staff, which are discussed in departmental curriculum committee, then analyzed and presented before external expert with departmental curriculum committee and BOS members. Then, it is presented in front of academic council and notified by BOM and finally implemented.**

- c. Alumni and employers on the programs offered and how does the department utilize the feedback ? : **Yes.**

**Feedback taken from alumni, employers which are discussed in departmental curriculum committee, then analyzed and presented before external expert with departmental curriculum committee and BOS members. Then, it is presented in front of academic council and notified by BOM and finally implemented.**

43. List the distinguished alumni of the department (maximum 10) :  
**Dr. Smita Jha, Dr. Shweta Kherde**

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts. :

SN	Enrichment programs	Theme	Date & Year	External Expert
1	Workshop	Research Methodology in Rachana Sharir	13/03/2014	Dr. Abhay Gaidhane
2	Guest Lecture	Genetics in Ayurveda	08/01/2015	Dr. Manoj Jagtap
3	Guest Lecture	Approach to Cosmetic Surgery Ancient & Modern Perspective	26/02/2016	Dr. Shrikant Kashikar
4	Guest Lecture	Concept of Raktavaha Srotas - Clinical Perspective	19/10/2016	Dr. Vinayak Tayade

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.  
Integrated teaching, Problem based learning, Early clinical exposure, Quiz, Seminar, Tutorial, Group discussion
46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?  
Marker point analysis in Academic Appraisal program, logbook, students feedback and formative assessment.
47. Highlight the participation of students and faculty in extension activities.
- Health camps
  - Janjagan program
  - Village adoption program
  - NSS activities
  - Swarna Prashan Program
  - Blood Donation
48. Give details of “beyond syllabus scholarly activities” of the department.  
**Conferences /Quizzes/ Value education, communication skills**
49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details. yes, give details.  
**NO**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.  
**Module on Early clinical exposure copy righted by Gov. of India**  
**Patent- A novel synergistic herbal formulation for the treatment of obesity and**

## associated disorder (Applied)

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

	<b>Strength</b>	<b>Weakness</b>	<b>Opportunity</b>	<b>Challenges</b>
<b>1. Curricular aspects:</b>	Curricular aspects: a) Structured revision of curriculum every three years. b) Recommendations of the stakeholders are implemented.		To inculcate the relevant and need based areas in the curriculum.	
<b>2. Teaching Learning and Evaluation</b>	UG teaching-learning: *Innovative Teaching-Learning Methods, Pioneer department to introduce: a. Cross words puzzle b. Early Clinical Exposure (in Ayurved Education) c. Quiz as a teaching method *Faculty with additional qualification (MSc in HPE): Faculty trained in medical education.	As the tenure of preclinical phase is reduced to one year, it is difficult for student to engage in research projects.	1) Copy rights for Innovative educational tools, 2) Promoting educational research through organization of interdisciplinary CME, seminars, workshops etc.	1) Student & faculty exchange program 2) Adoption of innovation by Other institutions & Regulatory bodies
<b>3. Learning resources</b>	Well established Museum		Further Augmentation of museum	Creating a state of art museum emphasizing on principles of Ayurveda.
<b>4. Research and extension activities</b>	faculty in editorial board 75% faculty as reviewers for manuscript Scope for Educational research	1) Funded research project 2) Consultancy services	To conduct departmental, interdepartmental and interdisciplinary funded (outside agencies) research work.	1) Promotion of student research activities. 2) To develop counselling centre for Dehadan (body donation) 3) To develop Consultancy services

52. Future plans of the department.

- Funding research project
- Preparation of mobile App of Marma sharir
- Chapter contribution
- Publication of book by departmental faculty
- Augmentation of marma museum
- Preparation of Drushtant Sharir museum
- Preparation of innovative models
- National level Workshop on model preparation (Hands on training workshop)

## Evaluative Report of the Department

1. Name of the Department : **Rasashastra & Bhaishajya Kalpana**

2. Year of establishment : **2007**

3. Is the Department part of a college/Faculty of the university? :

**Yes , Department is part of college**

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.) :

**UG - BAMS**

**PG - MD (Rasashastra & Bhaishajya Kalpana )**

**Ph.D**

5. Interdisciplinary programs and departments involved : NIL

6. Courses in collaboration with other universities, industries, foreign institutions, etc. :

Sr.No	University/Organization	Current Status	Department
1	Unijules Lifesciences Ltd., Kalmeshwar, Nagpur	4 Preclinical Research , 1 Formulation Development , 1- Clinical Research Study	Rasashastra, Dravyaguna and Kayachikitsa
2	HerbaNaturals, Nagpur	8 Formulation Developed	Rasashastra, Dravyaguna
3	Rajiv Dikshit Foundation, Sewagram, Wardha	4 Formulation Developed	Rasashastra
4	Govt. College of Pharmacy, Amravati	1 Pre clinical research study completed	Agadtantra, Rasashstra, Dravyaguna and Kayachikitsa
5	Institute of Pharmaceutical Education & Research Borgaon (M) Wardha	1 QA study ongoing	Rasashastra and Dravyaguna

7. Details of programs discontinued, if any, with reasons : NIL

8. Examination System:  
 UG - Annual  
 PG- Annual

9. Participation of the department in the courses offered by other departments: NIL

10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Particular	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	02	02
Associate Professor/Reader	01	-	-
Assistant Professor	02	02	02
Lecturer	-	-	-
Tutor / Clinical Instructor	-	-	-
Senior Resident	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Bharat Rathi	BAMS , MD	Professor & HoD	Rasashatra & Bhaishajya Kalpana	17 years 5 months
Dr. Anita Wanjari	BAMS , MD, TDM(fellowship)	Professor	Rasashatra & Bhaishajya Kalpana	13 years 3 months
Dr. Dhirajsing S Rajput	BAMS , MD PhD	Assistant Professor	Rasashatra & Bhaishajya Kalpana	4 yrs
Dr.Mujahid Khan	BAMS , MD,	Assistant Professor	Rasashatra & Bhaishajya Kalpana	6 months

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: NIL

13. Percentage of classes taken by temporary faculty - program-wise information: NIL

14. Program-wise Student Teacher Ratio :

S.N.	Program	Student Teacher Ratio
1.	UG	15:1
2.	PG	3:1
3.	PhD	1:1



15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Sn.	Designation	Sanctioned	Filled	Actual
1.	Technical Staff	4	4	4
2.	Administrative Staff	1	1	1

16. Research thrust areas as recognized by major funding agencies:

S.N.	Research thrust areas	Funding agency
1.	New Drug Dosage forms	AYUSH
2.	Standardization of drugs	AYUSH
3.	Toxicity, dosage modification, Preclinical studies	CCRAS

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: NIL

18. Inter-institutional collaborative projects and associated grants received  
a) National collaboration b) International collaboration : NIL

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : NIL

20. Research facility / centre with

- state recognition : NIL
- National recognition : FDA recognition to Rasashastra
- International recognition : NIL

21. Special research laboratories sponsored by / created by industry or corporate bodies : NIL

22. Publications:

\* Number of papers published in peer reviewed journals (national / international)

National - 02

International - 29

\* Monographs : NIL

\* Chapters in Books :

S.N.	Name of Author	Name of the Book	Chapter's name	Publisher
01	Dr. Bharat Rathi	Panchakarma Vyapad : Avastha Ani Vyavastha	Chapter : Balkatil Vaman Vyapad Ani Tyancha Pratikar	T.M. Gogte Pratisthan , Nashik Editor: Vd. Shivanand Tonde Jan 2017 ISBN :978-93-82627-03-6

\* Books edited : NIL

\* Books with ISBN with details of publishers :

S.N.	Name of Author	Name of the Book	Publisher's name	Year
01	Dr. Bharat Rathi	Practical Handbook of Rasashastra & Bhaishajya Kalpana	Choukhambha Sanskrit Sansthan , Varanasi ISBN No: 978-93-81608-10-4	2013
02.	Dr. Dhirajsingh Rajput	Structure and Methodology of Scientific Article Writing	Dhanvatari Publication Nagpur ISBN No: 978-93-85825-24-8	2017

\* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) :-

\* Citation Index - : 11

\* SNIP : Nil

\* SJR : Nil

\* Impact Factor : Nil

\* h-index : 1

23. Details of patents and income generated:

Sr No	Name of Project		Dairy number	Income Generated
1.	Herbal Mosquito Repellent Composition	DR ANITA WANJARI	2446/MUM/2015	Nil
2.	A HERBO-MINERAL COMPOSITION FOR THE TREATMENT OF POLY CYSTIC	Dr.Sarang J. Deshpande, Mr. Manish P. Deshmukh	201621009315	Nil

	OVARIAN SYNDROME AND THE METHOD OF PREPARATION THEREOF			
3.	Novel Herbal formulation to Achieve Good Glycemic Control in Diabetic Patients with Periodontitis	Dr KaustubhThakare Dr Bhongade Mr Manish Deshmukh	201621010194	Nil
4.	A NOVEL HERBAL COMPOSITION FOR MENOPAUSE RELATED DISEASES	Dr.Sarang J. Deshpande, Mr. Manish P. Deshmukh, DIPTI SANDIP SHRIVASTAVA,	201621010193	Nil

24. Areas of consultancy and income generated: Area- QA& QC Lab – Rs. 2000/-

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : NIL

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (specify)

S.N.	Faculty's Name	Serving in
1.	Dr. Dhirajsinh Rajput	Editorial Board, Journal of Indian System of Medicine
2.	Dr. Anita Wanjari	AIEC, member Agnihotri College of Pharmacy

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

**Basic Course Workshop, Advance Course, Basic Education skills & Education Course, Writers workshop, Workshop on Pharmacovigilance, orientation programs**

28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects :

S.N.	Course wise students	Percentage
1.	UG	2%
2.	PG	100 %
3.	PhD	100%

- percentage of students doing projects in collaboration with other universities / industry / institute: NIL

29. Awards / recognitions received at the national and international level by

- Faculty

Sr no.	Name of faculty	Resource Person	Chairperson	Award	Total
1.	Dr. Bharat Rathi	-	03	03	06
2.	Dr. Anita Wanjari	-	01	01	02
3.	Dr. Rohit Gokarn	01	-	-	01
4.	Dr. Dhirajsing Rajput	01	-	-	01

- Doctoral / post doctoral fellows : NIL
- Students (UG) : Nil
- Students (PG) : 3

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sr no.	Type of event	Topic	Date & time	Source of funding	Outstanding participants
1	State workshop	Herbal & herbomineral preparations	29 <sup>th</sup> ,30 <sup>th</sup> November 2013	Intramural/ Institutional	-
2.	Seminar	Concept of Reverse Pharmacology	28-29 <sup>th</sup> Nov 2014	Intramural/ Institutional	Dr. Ila Tanna
3.	Seminar	Approach to preclinical researches on traditional medicine	28 jan 2016	Intramural/ Institutional	-
4.	Workshop	Herbal medicines	5 august 2016	Intramural/ Institutional	-

31. Code of ethics for research followed by the departments :

**Yes , all research Projects are undertaken as per the guidelines of Institutional Ethics Committee, Animal Ethical Committee and the guidelines of institutional IPR policy are strictly adhered to.**

32. Student profile program-wise:

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	Through NEET	18	42	100%	92.61%
PG	Through NEET	2	4	--	--

33. Diversity of students

Name of the Program	% of students from the same university	% of students from other universities within the State	% of students from Universities outside the State	% of students from other countries
(refer to question 4)				
PG 2014	50%	50%	-	-
2015	0 %	100%	33.33%	-
2016	66.66 %	16.66	16.66	-
PhD 2017	-	100 %	-	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. : **52 Students**

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<b>36%</b>
PG to M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>Nil</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campus selection	<b>24%</b>
• Other than campusrecruitment	<b>9%</b>
Entrepreneurs	<b>22%</b>

36. Diversity of staff

**Percentage of faculty who are graduates**

of the same university : Nil

from other universities within the State: 100 %

from universities from other States : 0 %

from universities outside the country : -

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period :

S.N.	Name of Faculty	Degree awarded	Year
1.	Dr. Dhirajsingh Rajput	PhD	2015
2.	Dr. Anita Wanjari	Felloship inTDM	Aug 2016

38. Present details of departmental infrastructural facilities with regard to

a) Library : Available ,Total Books: 207

1.	Reference books	151
2.	e-books	47
3.	Journal	01
4.	Thesis	07
5.	Any others	01

b) Internet facilities for staff and students : Available

c) Total number of class rooms : two

d) Class rooms with ICT facility and 'smart' class rooms : one

e) Students' laboratories : one ,Practical lab

f) Research laboratories : Yes, Central Research Lab

39. List of doctoral, post-doctoral students and Research Associates

S.N.	Category	Year	From the host institution/ University	From other institution/University
01.	PhD	2017	00	01

40. Number of post graduate students getting financial assistance from the university. : 03

41. Was any need assessment exercise undertaken before the development of new program(s) ? If so, highlight the methodology.

**Yes**, need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis ,user analysis and work analysis

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation ? If yes, how does the department utilize the feedback ?

**Yes, the Feedback from faculties on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, then it goes to Dean committee for approval. After this it is presented in**

academic council then it is notified by BOM and finally implemented.

- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback ?

**Yes, the Feedback from students on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, then it goes to Dean committee for approval . After this it is presented in academic council then it is notified by BOM and finally implemented.**

- c. alumni and employers on the programs offered and how does the department utilize the feedback ?

**Yes, the Feedback from alumni & employers on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, then it goes to Dean committee for approval . After this it is presented in academic council then it is notified by BOM and finally implemented.**

43. List the distinguished alumni of the department (maximum 10) : NA

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

Sr no.	Enrichment programme	Theme	Date & year	External experts
1.	Seminar	Concept of Reverse Pharmacology	28-29 <sup>th</sup> Nov 2014	1., Dr. Ashwinikumar Raut 2. Dr.P. Suresh 3. Mr. Mukesh Nariya
2.	Seminar	Approach to Preclinical Researches on Traditional medicine	28 Jan 2016	1.Dr. Shilpa Deshpande 2.Dr.Hardas
3.	Workshop	Herbal Cosmetics	5 <sup>th</sup> Aug 2016	1.Dr. Pachi Lakhe 2.Mrs. Sheetal Sharma 3. Mrs. Jyoti Kohle

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

**Integrated teaching, Problem base learning, Early clinical exposure, G.D., Tutorial, Seminar**

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored ? Marker point analysis in AcAP, logbook , Students feedback and formative assessment
47. Highlight the participation of students and faculty in extension activities.  
 Health camps  
 Village adoption program  
 NSS activities  
 Janjagran  
 Plantation  
 Blood donation programme
48. Give details of “beyond syllabus scholarly activities” of the department.  
 STS program, Conferences , Seminars , Essay competitions, communication skills, Value education
49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details. : NO
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. : Standardization, Development of New drug Dosage forms, Toxicity study
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Future plans of the department.

Strengths	Weakness	Opportunity	Challenges
<b>Academics</b> 100% Staff as per CCIM norms	-	To introduce new trend courses	To meet the individual with advanced Teaching methods
Innovative teaching-learning methods under the umbrella of SHPER	-	Innovative teaching methods incorporation	Research incorporated teaching method development
<b>Infrastructure</b> Sufficient infrastructure – Good working space with Net facility Well equipped Laboratory and FDA approved Rasashala for medicines preparation	-	Innovative preparations and Expanded area of course dominie on medicinal preparation	To meet the present day technology and standards



<b>Equipments</b> Full length medicinal Preparation equipment as per direction of CCIM, QA&QC Lab and FDA Active Loan licence Medicinal Preparation	Equipment is not at the world class but standard to prepare the selected medicines	All Hospital pharmacopeia enlisted medicines manufacturing	To increase the number of preparations and to expand the loan licence preparations
<b>Research &amp; Resource</b> Consultancy for external agencies Drug research and Reverse Pharmacology areas are strong	Advanced equipment research lab	Molecular biology added to Drug research	To find a good funding agency for said research projects

## 52. Future plans of the department.

1. Motivation for chapter , text books writing
2. Proposal of Certificate Course.
3. Motivation of faculty towards funding research projects
4. Motivation towards interdisciplinary research projects
5. Advancement of Analytical Lab.
6. Establishment of ideal and unique museum
7. Medicine preparation as per GMP norms.

## Evaluative Report of the Department

1. Name of the Department - **Rognidan Vikriti Vigyan**
2. Year of establishment - **2007**
3. Is the Department part of a college/Faculty of the university?  
**Yes, department is part of the college**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil. Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)  
**- UG- BAMS**
5. Interdisciplinary programs and departments involved  
**NIL**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.  
**NIL**
7. Details of programs discontinued, if any, with reasons-  
**None**
8. Examination system: Annual/ Semester/ Trimester/ CBCS -  
**UG Annual**
9. Participation of the department in the courses offered by other departments  
**NIL**
10. Number of teaching posts sanctioned, filled and actual  
(Professors/ Associate Professors/ Asst. Professors/others)

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
Professor	1	1	1
Associate Professor/Reader	-	-	-
Assistant Professor	1	1	1
Lecturer	-	-	-
Tutor / Clinical Instructor	-	-	-
Senior Resident	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Satish Chapadgaonkar	BAMS, MD	Professor & Head	Rognidan Vikriti Vigyan	17 yrs
Dr. Prerana Gade	BAMS, MD	Assistant Professor	Kayachikitsa	1 yrs 4 months

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors - **NIL**
13. Percentage of classes taken by adjunct faculty - program-wise information - **NIL**
14. Program-wise Student Teacher Ratio **UG- 30 : 1,**
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual -

Sn.	Designation	Sanctioned	Filled	Actual
1.	Technical Staff	2	2	2
2.	Administrative Staff	0	0	0

16. Research thrust areas as recognized by major funding agencies -  
 Area Funding agency  
 Nidan Panchak Module, AYUSH  
 Hetu module AYUSH
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise - **NIL**
18. Inter-institutional collaborative projects and associated grants received - **NIL**  
 a) National collaboration - **NIL** b) International collaboration - **NIL**
19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. - - **NIL**
20. Research facility / centre with - **NIL**  
 state recognition - **NIL**  
 national recognition - **NIL**  
 international recognition - **NIL**

21. Special research laboratories sponsored by / created by industry or corporate bodies- **NIL**

22. Publications:

\* Number of papers published in peer reviewed journals (national / international) =

- National- **03**
- International- **04**

\* Monographs = Nil

\* Chapters in Books = 01 Dr Ila Tanna, Asst. Prof

**Chapter published in an international book:**

Title of book	Author	Chapter	Publication	ISBN	Release date
Omega 3 fatty acids in brain and neurological health Edited by Ronald Ross Watson and Fabien De Meester, Southwest Scientific Editing & Consulting LLC , 4703 N City View Dr, Tucson, AZ 85749, <b>United states.</b> Publisher: Academic Press Inc	H.M.Chandola & Ila Tanna	Role of Omega 3 Fatty acids in Brain and Neurological Health with special reference to Clinical Depression	<b>Elsevier publication</b>	ISBN-10 : 0124105270 ISBN-13: 978-0124105270	23 <sup>rd</sup> June 2014

\* Books edited = **NIL**

\* Books with ISBN with details of publishers - **NIL**

\* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) = **NIL**

\* Citation Index - **Average** : **1**

\* SNIP : Nil

\* SJR : Nil

\* Impact Factor -**Average** : Nil

\* h-index : 1

23. Details of IPR and income generated - **NIL**
24. Areas of consultancy and income generated - **NIL**
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad - **NIL**
26. Faculty serving in
- a) National committees b) International committees c) Editorial Boards d) any other (specify)

a) National Committee -

Name	Designation	Committee
Dr Satish Chapadgaonkar	State Representative of National Committee	National Integrated Medical Association
Dr Satish Chapadgaonkar	Executive member of education and Research Committee	National Integrated Medical Association

Name	Designation	Journal
Dr Satish Chapadgaonkar	Reviewers Board	Journal of Indian System of Medicine , quarterly peer reviewed International Journal on research in Ayurveda
Dr Ila Tanna	Reviewers Board	Journal of Indian System of Medicine , quarterly peer reviewed International Journal on research in Ayurveda

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).
- Basic Course
  - Advance Course
  - Faculty orientation program (Funded by Gov. of India, Dept. of AYUSH)
  - Seminar, CME, Workshop organized by the department
  - Conferences, Workshop, Symposium attended outside by the faculties
  - NABH Training Course

28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects - **NIL**
- percentage of students doing projects in collaboration with other universities / industry / institute - **NIL**

29. Awards / recognitions received at the national and international level by Faculty/ Doctoral/post doctoral fellows/Students

- Faculty- 1

Name	Award	Event	Topic	Date & Year
Dr Ila Tanna	First Prize for 'Best Paper Presentation' (Oral)	National Seminar on "Reverse Pharmacology", Organized by Mahatma Gandhi Ayurved College Hospital & Research Centre	Antidepressant effect of Flax seed oil & Ashwagandharishta on various behavioral and pharmacological models of depression in Swiss albino mice	27 <sup>th</sup> - 28 <sup>th</sup> November, 2014.

- Doctor/post doctoral- NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

SN	Event	Topic	Date & Time	Source of Funding	Outstanding Participants
1	Seminar	Recent advances in diagnosis of Sandhivata	07 April- 2014	Intramural / Institutional funding	-
2	Seminar	Metabolic disorders	20 April 2015	Intramural / Institutional funding	-
3	Seminar	Approach of Ayurved towards Manas Rog	October 2015	Intramural / Institutional funding	-

4	Seminar	Nidanpanchak and Role of Yoga in Hypertension	11 Jan 2017	Intramural / Institutional funding	Best Poster Presentation - Sidhali Pansi
---	---------	---	-------------	------------------------------------	--

31. Code of ethics for research followed by the departments

**Yes. All research Projects are undertaken as per the guidelines of Institutional Ethics Committee, Animal Ethical Committee, Scientific Scrutiny Committee for clinical trial, after due approvals.**

32. Student profile program-wise: **As per Annexure**

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	Through NEET	18	42	92.61%	100%

33. Diversity of students -

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
Rognidan	NA	NA	NA	NA

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. - **52 Students.**

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<b>36%</b>
PG to M.Phil, DM / M Ch / DNB	<b>Nil</b>
PG to Ph.D.	<b>Nil</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campus selection	<b>24%</b>
• Other than campus recruitment	<b>9%</b>
Entrepreneurs	<b>22%</b>

36. Diversity of staff  
**Percentage of faculty who are graduates**  
of the same university 0 %  
from other universities within the State - **100 %**  
from universities from other States - 0%  
from universities outside the country- 0 %
37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period - **NIL**
38. Present details of departmental infrastructural facilities with regard to
- |  |   |
|--|---|
| a. Library   | <b>Available</b>                              |
|  | Total Books - 106                             |
|  | Text Books - 104                              |
|  | National Journals - 02                        |
| b. Internet facilities for staff and students            | <b>Available- Staff</b>                       |
| c. Total number of class rooms                           | <b>NIL</b>                                    |
| d. Class rooms with ICT facility and 'smart' class rooms | <b>NIL</b>                                    |
| e. Students' laboratories                                | <b>Available 01</b>                           |
| f. Research laboratories                                 | <b>Available, Central Research Laboratory</b> |
39. List of doctoral, post-doctoral students and Research Associates
- i. from the host institution/university = **NIL**
  - ii. from other institutions/universities = **NIL**
40. Number of post graduate students getting financial assistance from the university.  
**NA**
41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.  
**No, need assessment exercise is not undertaken till date. But whenever required need assessment exercise will be undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying/ Introducing program in health professionals' education. It is an algorithm copy righted by copyright office Govt of India and is based on context analysis, user analysis and work analysis.**



42. Does the department obtain feedback from
- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?  
**Yes. Feedback taken from Faculties, students, alumni, employers and staff, which are discussed in departmental curriculum committee, then analyzed and presented before external expert with departmental curriculum committee and BOS members. Then, it is presented in front of academic council and notified by BOM and finally implemented.**
  - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?  
**Yes. Feedback taken from students, alumni, employers and staff, which are discussed in departmental curriculum committee, then analyzed and presented before external expert with departmental curriculum committee and BOS members. Then, it is presented in front of academic council and notified by BOM and finally implemented.**
  - Alumni and employers on the programs offered and how does the department utilize the feedback?  
**Yes**  
**Feedback taken from alumni, employers and staff, which are discussed in departmental curriculum committee, then analyzed and presented before external expert with departmental curriculum committee and BOS members. Then, it is presented in front of academic council and notified by BOM and finally implemented.**
43. List the distinguished alumni of the department (maximum 10) - **NIL**
44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

SN	Event	Topic	Date & Time	Expert
1	Seminar	Recent advances in diagnosis of Sandhivata	07 April-2014	Dr R C Goyal Dr Pawan Godatwar Dr Shivali Kashikar Dr Sanjay Kadalimatti
2	Seminar	Metabolic disorders	20 April 2015	Dr Mrutyunjay Sharma Dr Kalpana Sathe Dr Samarth Shukla
3	Seminar	Approach of Ayurved towards Manas Rog	October 2015	Dr Surendra SOni Dr Bharat Gupta

4	Seminar	Nidanpanchak and Role of Yoga in Hypertension	11 Jan 2017	Dr Jose Ruge Reibero Dr Avinash Lele Dr Mayur Deshmukh Dr Prasad Deshpande
---	---------	---	-------------	---

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

**Integrated teaching, Problem based learning, Seminar, Tutorial, Group discussion, Simulation**

46. How does the department ensure that program objectives are constantly and Learning outcomes are monitored?

**The department ensures that program objectives are constantly and Learning outcomes are monitored with help of Marker Point Analysis in Academic Appraisal Program, student's feedback and Formative Assessment.**

47. Highlight the participation of students and faculty in extension activities.

- Health camps
- Village adoption program
- Suvarna Prashan Camps
- Kojagiri
- NSS activities
- Blood donations
- Swachha Bharat Abhiyan

48. Give details of "beyond syllabus scholarly activities" of the department.

**STS Program, Conferences, Seminars, Essay Competitions, Communication Skills, Value education.**

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details. - **NO**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. - **Nadi Pariksha for diagnosis, Tailbindu Pariksha of Urine for diagnosis, Nidan Panchak based diagnosis.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength	Weakness	Opportunity	Challenges
Academics			
Well trained & Qualified Faculty		Nidan panchaka based module	Retention of faculty in the

capable of teaching and maintenance of pathology lab. Expertise by training programmes by University. Capacity in development of modules & techniques for teaching Learning Assessment and Evaluation. Internet Facility- foe Staff		like work can be adopted by clinical departments, clinicians, institutes.  To start post graduate courses	academics as there is maximum scope for being self employed.
<b>Infrastructure</b>			
Well Equipped department with teaching lab with internet	Changing room & toilet Proper cooling system	To start PG with up gradation in infrastructure to fulfil the norms of Apex council	Augmentation of infrastructure in the form of Space to maintain the lab work & space for small group discussions.
<b>Equipments</b>			
Teaching pathology lab/ Central pathology lab: Availability of instruments for under graduate students	Time constraint	Establishment of NABH accredited lab	Work for some special diagnostic tests like Tail bindu Mutra pariksha
<b>Research &amp; Resource</b>			
Establishment of Diagnostic concepts of Ayurveda in Current scientific language	Limited publication opportunities in indexed journal.	Conduction of funded projects under AYUSH/DST	Poor retention of faculty

52. Future plans of the department.

**Perspective Plan Rognidan**

- Organization of seminar
- Periodic curriculum updating, Introduction of unique diagnostic tool - Nidanpanchak
- Organization of diagnostic camps
- Publications per faculty and 1 Project by department per year

## Evaluative Report of the Department

1. Name of the Department - **Sanskrit Samhita Siddhanta**

2. Year of establishment - **2007**

3. Is the Department part of a college/Faculty of the university?

- **Yes**

4. Names of programs offered

**UG, M.D. (Ayurveda Samhita evum Siddhant), Ph.D.**

5. Interdisciplinary programs and departments involved

**Nil**

6. Courses in collaboration with other universities, industries, foreign institutions, etc. -

Sr.No	University/Organization	Current Status	Department
1	Sri Vajera Foundation, Brazil	Students are visiting in the month of January for short term course work	Samhita Siddhant, Panchakarma, Shalya and Kayachikitsa

7. Details of programs discontinued, if any, with reasons

**Nil**

8. Examination System: Annual /Semester/Trimester/Choice Based Credit System

**UG -Annual**

**PG - Annual**

9. Participation of the department in the courses offered by other departments-

**Nil**

10. Number of teaching posts sanctioned, filled and actual  
(Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	2	2
Associate Professor/Reader	1	1	1
Assistant Professor	2	2	2
Lecturer	NA	NA	NA
Tutor / Clinical Instructor	NA	NA	NA
Senior Resident	NA	NA	NA

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Faculty name	Qualification	Designation	Specialty	Experience in years
<b>Dr Shyam Bhutada</b>	M.D[Ayu]	Professor	Samhita	20
<b>Dr Bharat Chouragade</b>	M.D[Ayu]	Professor	Samhita	15
<b>Dr Namrata Chouragade</b>	M.D[Ayu], M. Phil	Asso. Prof	Samhita	14
<b>Dr Bhushan Mhaiskar</b>	M.D[Ayu]	Asst. Prof	Samhita	02
<b>Dr Saroj Tirpude</b>	BAMS MA(Sanskrit)	Asst. Prof	Sanskrit	14

12 List of senior Visiting Fellows, adjunct faculty, emeritus professors - 01

Name of the Faculty	Type (Visiting Fellows, Adjunct Faculty, Emeritus Professors)
<b>Dr Shriramji Jyotishi</b>	Visiting Fellow

13 Percentage of classes taken by temporary faculty - program-wise information

NIL

14 Program-wise Student Teacher Ratio -

Courses	Ratio
UG	<b>12:1</b>
PG	<b>4:3</b>
Ph.D	<b>1:1</b>

15 Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Sn.	Designation	Sanctioned	Filled	Actual
<b>1.</b>	<b>Technical Staff</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>2.</b>	<b>Administrative Staff</b>	<b>1</b>	<b>1</b>	<b>1</b>

16 Research thrust areas as recognized by major funding agencies

Sr. No	Thrust Areas	Funding Agency
1	Fundamental Concepts, Basic Principles & Theories of AYUSH Systems	AYUSH
2	Concept of <i>Srotas</i>	AYUSH
3	Life style related disorders	CCRAS

17 Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. -01

Name of faculty	Ongoing projects	Name of funding agency	Total grants Sanctioned	Total grants received
<b>Dr Bharat Chouragade</b>	Management of lifestyle disorder Diabetes mellitus (type- 2) by intervention based on Ayurvedic principles and practices	AYUSH	Rs. 1,50,00,000	Rs. 60,00,000

18. Inter-institutional collaborative projects and associated grants received

- a) National collaboration - Nil
- b) International collaboration - Nil

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.- **Nil**

20. Research facility / centre with

- state recognition
  - national recognition
  - international recognition
- } **NIL**

21. Special research laboratories sponsored by / created by industry or corporate bodies –  
**Nil**

22. Publications: (List of Details is Annexed)

Number of papers published in peer reviewed journals (national / international): **18**

International	4
National	14

a. Monographs - **Nil**

b. Chapters in Books - 3

c. Books edited - **Nil**

d. Books with ISBN with details of publishers - **Nil**

e. Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO hosts, Medline,) - **Nil**

f. Citation Index - - **1**

g. SNIP - - **NA**

h. SJR - - **NA**

i. Impact Factor - - **NA**

j. h-index - - **1**

23. Details of patents and income generated -

Sr No	Name of Project		Dairy number	Income Generated
1.	A herbal ready to use juice for reliving anxiety and stress	Dr Shyam Bhutada, Mr Manish Deshmukh,	2537/MUM/2015	Nil

24. Areas of consultancy and income generated -

**Nil**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad - 02

Faculty Name	Visit to other laboratories / institutions / industries in India and abroad
Dr.Shyam Bhutada	Ayurved college, Pune.
Dr.Anil Avhad	Government Ayurved college , Guwahati.

26. Faculty serving in

a) National Committees b) International Committees c) Editorial Boards d) Any other specify

Name of Faculty	Serving Agency/ Board/ Committee
Dr.Bharat Chouragade	<ul style="list-style-type: none"> <li>• Associate Editor, Journal of Indian System of Medicine</li> <li>• Reviewer Board, AYU Journal</li> </ul>
Dr.Shyam Bhutada	Advisory Board , Journal of Indian System of Medicine
Dr.Bhushan Mhaikar	Reviewer Board, Journal of Bioinfo publications

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

**-Medical Education Training** Active participation in various conferences, workshops, CMEs. Facilitate faculty for various, fellowship programs, M.Phil in HPE and interdisciplinary PhD. By conducting / attending conference, workshop, CMEs, webinars and group discussions.



28. Student projects

- Percentage of students who have taken up in-house projects including inter-departmental projects -

UG	9%
PG	100%
Ph.D.	100%

- percentage of students doing projects in collaboration with other universities / industry / institute - **Nil**

28. Awards / recognitions received at the national and international level by

- Faculty -02
- Doctoral / post doctoral fellows - **Nil**
- Students -**Nil**

Sn	Level	Awards	Guest Speaker	Chairperson
1	National	02	02	02
2	International	0	03	01

29. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sr no.	Type of event	Topic	Date	Source of Funding	Outstanding participants
1	Conference	Spandan 2016 Cardiology in Ayurveda	18 - 19 November 2016	Institutional & Siddha Pharma	3

30. Code of ethics for research followed by the departments -**Yes, All research Projects are undertaken after the approval of Institutional Ethical Committee, and Animal Ethical Committee and the guidelines of institutional IPR policy are strictly adhered to.**

31. Student profile program-wise :

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	Through NEET	18	42	100%	92.61%
PG	Through NEET	0	3	--	--

33. Diversity of students

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
PG Batch 13-14	NIL	100%	NIL	NIL
PG Batch 14-15	NIL	75%	25%	NIL
PG Batch 16-17	66%	NIL	33%	NIL

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. -  
**52 Students**

35. Student progression

Student progression	Percentage against enrolled
UG to PG	<b>36%</b>
PG to M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>Nil</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campus selection	<b>24%</b>
• Other than campusrecruitment	<b>9%</b>
Entrepreneurs	<b>22%</b>

35. Diversity of staff

**Percentage of faculty who are graduates**

of the same university	NIL
from other universities within the State	100%
from universities from other States	NIL
from universities outside the country	NIL

37. Number of faculty who were awarded M.Phil., DM, MCh, Ph.D., D.Sc. and D.Litt. during the assessment period - 01  
Add table

Sr.No	Name of Faculty	Degree Awarded	Assessment Period	Year of Award	University
1.	Dr.Namrata Chouragade	M. Phil	2013-15	2016	DMIMS(DU)

38. Present details of departmental infrastructural facilities with regard to Library (total no. of book)- 216

Sr no.	Books	Numbers
1	Departments books	112
2	Reference books	41
3	E books	51
4	Reference Material	02
5	Rare book Xerox copy	02
6	Journals(J-ISM)	14

- a) Internet facilities for staff and students - Yes  
b) Total number of class rooms - 01  
c) Class rooms with ICT facility and 'smart' class rooms - 1  
d) Students' laboratories - **NA**  
e) Research laboratories - **Yes**, Central Research Laboratory
39. List of doctoral, post-doctoral students and Research Associates
- from the host institution/university- 0
  - from other institutions/universities -2
40. Number of post graduate students getting financial assistance from the university. - **Nil**
41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. -**Yes, need assessment exercise is under taken before the development of new program using the Pathak-Vagha-Mishra Algorithm need analysis of modifying/ introducing program in health professionals education, its is algorithm copy righted by copyright office govt. of India and is based on context analysis and user analysis, work analysis.**

42. Does the department obtain feedback from
- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? – **Yes, the Feedback from faculties on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, then it goes to Dean committee for approval. After this it is presented in academic council then it is notified by BOM and finally implemented.**
  - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **Yes, the Feedback from students on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, then it goes to Dean committee for approval. After this it is presented in academic council then it is notified by BOM and finally implemented.**
  - Alumni and employers on the programs offered and how does the department utilize the feedback? – **Yes, the Feedback from alumni & employers on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, then it goes to Dean committee for approval. After this it is presented in academic council then it is notified by BOM and finally implemented.**
43. List the distinguished alumni of the department (maximum 10) - **Nil**
44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

Sn	Type of Program	Topic	External Expert
1	Special Lecture	Vatvyadhi and Neurological Disorders	Dr.Mukund Baheti
2	Special Lecture	Ayurved Chikitsa Siddhant	Dr. Vedpraksh Sharma
3	Seminar	Clinical Utility of Dravya Guna Karma	Dr Rambabu Dwivedi
4	Special Lecture	Concepts of Ayurved Addhayan	Dr. J.P Dahia
5	Special Lecture	Emergencies in Modern Medical sciences	Dr Deepak Jeswani
6	Special Lecture	Perception of Nyayas in clinical practices	Dr. Mahesh Vyas
7	Workshop	Nadi parikshan	Dr. G. P. Upadhyaya

Organization of Seminars, conferences, workshop, Essay competition, student's

evocative competition, Samhita pathan, paper and poster presentation, Vegetable and fruit carving competition.

45. List the teaching methods adopted by the faculty for different programs including clinical teaching. - **Lectures, lecture demonstrations, Problem based learning, Integrated teaching, Small group discussion, Early clinical exposure, E-learning, ITP,PBL, OSPE, Case based study conducted to discussed practical part early clinical exposure is also incorporated.**

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored? -**Program Objectives are monitored by Students Feedback, Academic Appraisal Programme Learning outcomes are monitored by periodic assessment of students through formative assessment.**

Highlight the participation of students and faculty in extension activities. - **Faculty participated in multidagnostic Camps, Specialized Camps, Village Adaption Programme, Suwarnaprashan Programme, Janajagaran, Kojagiri Programme, Plantation, NSS activities Swachha Bharat Abhiyan.**

47. Give details of “beyond syllabus scholarly activities” of the department. - **STS projects, Quizzes, Value education, communication skills, Samhita Pathan**

48. State whether the program/ department is accredited/ graded by other agencies? If yes, give details. - **No**

49. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. -

**Samhita Pathan Program is initiated for UG students for better comprehension of subject.**

**Tika Pathan Program is initiated for PG students for better comprehension of Commentators view and application of the Principles of Ayurveda.**

50. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

	<b>Strengths</b>	<b>Weakness</b>	<b>Opportunities</b>	<b>Challenges</b>
<b>Administrative</b>	Faculties with chief administrative responsibilities maximum faculties with additional administrative responsibilities.		Platform for national and international services.	Time Management for Quality Dispensation.
<b>Academics</b>	Pioneer department engaged in imparting basic to application oriented knowledge  Experienced qualified staff		To start PG diploma courses	Application of Basic Sciences into Clinics by having OPD.
<b>Faculty</b>	1. 60% faculty with additional qualification.		Bringing innovations in Ayurveda	Overburdened with various activities.
<b>Research</b>	<ul style="list-style-type: none"> <li>• Funded project for AYUSH</li> <li>• Departmental projects -4</li> <li>• UG projects- 4</li> <li>• PG projects- 7</li> </ul>		<ul style="list-style-type: none"> <li>• Additional qualification in Research methodology and medical statistics.</li> <li>• Collaborative publications in high impact factor journals</li> <li>• Faculty exchange programmes</li> <li>• Trividha chikitsa upakrama.</li> </ul>	Time constraint

51. Future plans of the department.

Sr. No.	Plan
1	Establishment of instrument lab
2	Establishment of Guna Parikshan [Physical lab] for UG & PG students
3	Publication of monograph
4	Publication of Articles
5	Arrange National conference to explore basic concepts of Ayurveda.

## Evaluative Report of Department

1. Name of the Department : **Shalakyatantra**
2. Year of establishment : **2007**
3. Is the Department part of a college/Faculty of the university?:  
**Yes, Department is part of college.**
4. Names of programs offered (UG, PG, Pharm D, Integrated Masters; M. Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.) :  
**U.G.: BAMS.**
5. Interdisciplinary programs and departments involved:  
**NIL**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.:

Sr.No	University/Organization	Current Status	Department
1	AVP Research Foundation, Coimbatore	Faculty exchange is planned in July	Shalakyaya, Shalya and Panchakarma

7. Details of programs discontinued, if any, with reasons –  
**NIL**
8. Examination System:  
**UG -Annual**
9. Participation of the department in the courses offered by other departments:  
**NIL**



10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Teaching Post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	01
Associate Professor/Reader	-	-	-
Assistant Professor	01	01	01
Lecturer	-	-	
Tutor / Clinical Instructor	-	-	
Senior resident	0	0	0

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of
				Experience
Dr Sunita Magar	Ayurved Dhanvantari M.S.(Shalakya) MD (Rasa & BK)	Professor	Shalakyatantra	12 years
Dr. Swapnil Borage	Ayurveda Dhanvantari (M.S. Shalakya-Netraroga )	Assist .Professor	Netraroga	1 Year

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: **NIL**
13. Percentage of classes taken by temporary faculty – program-wise information: **NIL**
14. Program-wise Student Teacher Ratio:**25:1**
15. Number of academic support (sanctioned, filled and actual) staff (technical) Technician -**01**

Sn.	Designation	Sanctioned	Filled	Actual
1.	Technical Staff	3	3	3
2.	Administrative Staff	2	2	2

16. Research thrust areas as recognized by major funding agencies:
- **ARMD(Age Related Macular Degeneration).**
  - **Computer vision syndrome.**
  - **Diabetic retinopathy.**
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. - **NIL**
18. Inter-institutional collaborative projects and associated grants received - **NIL**  
a) National collaboration b) International collaboration
19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. - **NIL**
20. Research facility / Centre with - **NIL**
- State recognition : **NIL**
- National recognition : **NIL**
- International recognition : **NIL**
21. Special research laboratories sponsored by / created by industry or corporate bodies **NIL**

22. Publications:

- Number of papers published in peer reviewed journals (national / international):  
**National –4 and International -5**
- Monographs : **Nil**
- Chapters in Books : **1**

Sr No	Name of Author	Name of Book	Chapter's Name	Publisher
01	Dr. Sunita Magar	Best Practices in Panchakarma	Dashmooladi Taila Nasya And Katphaladi Kwatha In Pratishtyaya With Special Reference To Allergic Rhinitis	Registrar, DMIMS (DU) 2017, ISBN No. 978-93-5268-176-1

- Books edited : **NIL**
- Books with ISBN with details of publishers : **NIL**
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)

- Citation Index – : 1
  - SNIP : Nil
  - SJR : Nil
  - Impact Factor : 2.385
  - h-index : 1
23. Details of patents and income generated - **NIL**
24. Areas of consultancy and income generated - **NIL**
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad - **NIL**
26. Faculty serving in
- a) National committees b) International committees c) Editorial Boards d) any other (specify) - **NIL**
27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs):

**Medical Education Training, Active participation in various conferences, workshops, CMEs.**

28. Student projects - **NIL**
- Percentage of students who have taken up in-house projects including inter departmental projects
  - Percentage of students doing projects in collaboration with other universities / industry / institute
29. Awards / recognitions received at the national and international level by
- **Faculty- Dr Sunita Magar- Prof .& HOD**  
**Resource person: 1(Resource person at National conference, in Mumbai).**  
**Chairperson: 3 (Chairperson at International Conference in Gujarat- 1).**  
**(Chairperson at National Conferences in Mumbai & Pune- 2).**  
**Guest speaker: 1(Guest speaker at E-CME, DMIMS, Wardha- 1)**
  - **Doctoral / post-doctoral fellows --NA**
  - **Students – NA**

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. –

**State level CME organized – 5**

Sr NO.	Type of event	Topic	Date/Time	Source of funding	Outstanding Participants
1.	Seminar	Management of Diabetic Retinopathy with Ayurveda	28/09/2012	Intramural / Institutional	-
2.	Seminar	Management of allergic Rhinitis in Ayurveda	31/08/2013	Intramural / Institutional	-
3.	Seminar	Management of Computer vision syndrome with Ayurveda	26/7/2014	Intramural / Institutional	-
4.	Seminar	Role of Ayurveda in Prevention of Oral Sub mucous Fibrosis,	25/7/2015	Intramural / Institutional	-
5.	Seminar	Role of Para surgical procedures and kriyalkapas in Shalakyatantra	30/12/2016	Intramural / Institutional	-

31. Code of ethics for research followed by the departments: **Yes, all research Projects are undertaken after the approval of Institutional Ethical Committee, and Animal Ethical Committee and the guidelines of institutional IPR policy are strictly adhered to.**
32. Student profile program-wise: **N.A.**

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	Through NEET	18	42	100%	92.61%

33. Diversity of students **NA**

<b>Name of the Program</b> (refer to question no. 4)	<b>% of students from the same university</b>	<b>% of students from other universities within the State</b>	<b>% of students from universities outside the State</b>	<b>% of students from other countries</b>
<b>UG</b>	-	-	-	-

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations?

Give details category-wise. **52 Students.**

35. Student progression **NA**

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	<b>36%</b>
PG to M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>Nil</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campus selection	<b>24%</b>
• Other than campusrecruitment	<b>9%</b>
Entrepreneurs	<b>22%</b>

36. Diversity of staff

Percentage of faculty who are graduates

Of the same university	:	-
from other universities within the State	:	<b>100 %</b>
from universities from other States	:	-
from universities outside the country	:	-

37. Number of faculty who were awarded M.Phil, DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period-**NIL**

38. Present details of departmental infrastructural facilities with regard to
- Library –**exists with 60 books / Available**
  - Internet facilities for staff and students -**Available**
  - Total number of class rooms - **01**
  - Class rooms with ICT facility and 'smart' class rooms - **Available**
  - Laboratory for students : **NIL**
  - Research laboratories **Available ( central research lab )**
39. List of doctoral, post-doctoral students and Research Associates - **NA**
- from the host institution/university
  - from other institutions/universities
40. Number of post graduate students getting financial assistance from the university. -**NIL**
- 41 Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. –

**No, we have not taken such program till date, but need assessment exercise will be undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright, Office Govt. of India and is based on context analysis, user analysis and work analysis.**

- 42 Does the department obtain feedback from.
- Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback ?  
**Yes, the Feedback from faculties on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, then it goes to Dean Committee for approval . After this it is presented in academic council then it is notified by BOM and finally implemented.**
  - Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback ? –  
**Yes, the Feedback from students on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, then it goes to Dean Committee for approval . After this it is presented in academic council then it is notified by BOM and finally implemented.**

- c. Alumni and employers on the programs offered and how does the department utilize the feedback? –

**Yes, the Feedback from alumni & employers on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, then it goes to Dean Committee for approval . After this it is presented in academic council then it is notified by BOM and finally implemented.**

43. List the distinguished alumni of the department (maximum 10) .NIL

44. Give details of student enrichment programs (special lectures/workshops/seminar) involving external experts.NIL

Sr. No	Date & Year	Topic	Events	external experts
1	28/09/2012	Management of Diabetic Retinopathy with Ayurveda	Seminar	Dr Vikas Mahatme, Founder Mahatme Eye Institute Nagpur
2	31/08/2013	Management of allergic Rhinitis in Ayurveda	Seminar	Dr. Prasad Deshmukh, Prof. ENT Dept. JNMC
3	26/7/2014	Management of Computer vision syndrome with Ayurveda	Seminar	Dr. Hari Umale, Prof. Govt Ayu. College, Nagpur
4	25/7/2015	Role of Ayurveda in Prevention of Oral Sub mucous Fibrosis,	Seminar	Dr Bhalerao, Prof, Swasthvritta Dept, GAC Nagpur, Dr Nitin Bhola, Oral maxillofacial surgeon, SPDC
5	30/12/2016	Role of Para surgical procedures and kriyalkalpas in Shalakyatantra	Seminar	Dr Hemanta Bawiskar, Founder, Ophthalmology Research Foundation, Pune

- 45 List the teaching methods adopted by the faculty for different programs including clinical teaching.:

**ITP, PBL, Case Based study conducted to discuss Practical part.**

- 46 How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

**: Marker point analysis in AcAP, Student feedback and formative assessment.**

47. Highlight the participation of students and faculty in extension activities.

**Faculty participated in multi-diagnostic Camps, Specialized Camps, Village Adaption Programme, Suwarnaprashan Programme, Janajagan, Kojagiri Programme, Plantation, NSS activities, Swachha Bharat Abhiyan.**

48. Give details of “beyond syllabus scholarly activities” of the department. **NIL**

49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details.  
**No**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.  
**Performing Kriyalkalpas as per Samhitas for various ocular ailments, in Shalakyatantra Department.**



51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strength	Weakness	Opportunities	Challenges
<p><b>Academics:</b> Experienced and devoted faculties in all spheres as per CCIM.</p>	P.G .courses not started by the dept.	To start PG courses  And publish books of Shalakyatantra	To start the new courses of Shalakyatantra on the grounds of Ayurveda
<p><b>Infrastructure</b> Sufficient infrastructure – Good working space with Net facility Well equipped Operation theater Well established Kriyakalpa Room (Procedure room)</p>	-	Augments to OT based research and courses  To start well being centers for deaf. To establish Eye care centre & Rejuvenation centre for the society	To meet the present day technology and standards
<p><b>Equipments</b> Full length surgical OT and Kriyakalpa Room</p>	Equipment is not at the world class but standard to do surgery	-	To invent instruments comfortable for surgery on the basis of Ayurveda
<p><b>Research &amp; Resource</b> Research for easy &amp; economical eye care</p>	Traditional raw methods	Invention of new trend equipment  Funded project on Deafness and life style disorder like Diabetic Retinopathy  To create an awareness regarding Oral hygiene in rural community.	Providing consultancy & eye care to the employees of I.T. industry

52. Future plans of the department –

**Shalakyatantra Expansion and enrichment of existing OT.**

- **To Publish Books on Shalakyatantra**
- **To start wellbeing centers for Deafness**
- **To undertake the Funded project on Deafness and life style disorder like Diabetic Retinopathy**

### Evaluative Report of the Department

1. Name of the Department - **Shalyatantra**
2. Year of establishment - **2007**
3. Is the Department part of a college/Faculty of the university?

**Department is a Part of college**

4. Names of programs offered (UG, PG, Pharm D, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

**UG: B.A.M.S ; PG : M.S. ; Ph.D. Shalya**

5. Interdisciplinary programs and departments involved –**Nil**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. - **Nil**
7. Details of programs discontinued, if any, with reasons -**None**
8. Examination System: -**U.G. –Annual**  
**P.G. - Annual**
9. Participation of the department in the courses offered by other departments – **Nil**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
Professor	<b>01</b>	<b>01</b>	01
Associate Professor/Reader	<b>01</b>	<b>01</b>	01
Assistant Professor	<b>02</b>	<b>02</b>	02
Senior Residence	<b>01</b>	<b>01</b>	<b>0</b>

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Kiran B. Khandare	M.S.	Professor	Shalyatantra	11
Dr. Reena Jaiswal	M.S.	Asst. professor	Shalyatantra	3
Dr. Satyam Supare	M.S.	Asst. professor	Shalyatantra	2

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors- **Nil**
13. Percentage of classes taken by temporary faculty – program-wise information – **Department has no temporary faculty.**

14. Program-wise Student Teacher Ratio

Courses	Ratio
UG	17:1
PG	2:1
Ph.D	2:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual –

Sn.	Designation	Sanctioned	Filled	Actual
1.	Technical Staff	2	2	2
2.	Administrative Staff	1	1	1

16. Research thrust areas as recognized by major funding agencies –

Thrust areas	Major Funding agencies
Standardization of Ksharsutra.	CCRAS

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. **Nil**
18. Inter-institutional collaborative projects and associated grants received -**Nil.**  
a) National collaboration b) International collaboration

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. -**Nil**
20. Research facility / centre with
- ÿ state recognition - Nil
  - ÿ national recognition -Nil
  - ÿ international recognition -Nil
21. Special research laboratories sponsored by / created by industry or corporate bodies  
**Nil**
22. Publications:
- \* Number of papers published in peer reviewed journals (national / international) –  
**National-8**  
**International-3**
  - \* Monographs -**Nil**
  - \* Chapters in Books -**Nil**
  - \* Books edited -**Nil**
  - \* Books with ISBN with details of publishers -**Nil**
  - \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)
  - \* Citation Index – 1
  - \* SNIP - **Nil**
  - \* SJR - **Nil**
  - \* Impact Factor – - **Nil**
  - \* h-index - - **1**
23. Details of patents and income generated - **Nil**
24. Areas of consultancy and income generated -**Nil**
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad -**Nil**
26. Faculty serving in -**Nil**
- a) National committees b) International committees c) Editorial Boards d) any other (specify)

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs). –  
**Workshop on mechanism paper setting and validation, value education, Basic and advance teacher training,cochorane review, research methods, basic life support.**

28. Student projects -02

percentage of students who have taken up in-house projects including  inter-departmental projects-

Course wise Students	Percentage
UG	3%
MD/MS	100%
Ph. D	100%

- percentage of students doing projects in collaboration with other universities / industry / institute -**Nil**

Awards / recognitions received at the national and international level by -**Nil**

ÿ Faculty -**Nil**

ÿ Doctoral / post doctoral fellows -**Nil**

ÿ Students -**Nil**

29. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. – **Yes**

Sr. No.	Type of event	Title	Date	Source of funding
1	Workshop	“impression of Agnikarma and concept of Mutra-Roga in Ayurveda”	10 & 11 <sup>th</sup> June 2013	Institutional
2	Workshop	“Wound Management in Ayurveda”	24&25 <sup>th</sup> Jan2014	Institutional
3	Seminar	“Recent advances in management of Ano-rectal disorders”	28 <sup>th</sup> Feb 2015	Institutional
4	Seminar	“Approach to cosmetic surgery –Ancient & modern perspective.”	26 <sup>th</sup> Feb 2016	Institutional
5	Seminar	“Role of parasurgical procedures & Kriyakalpa in Shalya- Shalakyta Tantra”	30 <sup>th</sup> Dec 2016	Institutional

30. Code of ethics for research followed by the departments  
**Yes, all research Projects are undertaken as per the guidelines of Institutional Ethical Committee,& Animal ethical committee and the guidelines of Institutional IPR policy are strictly adherent to.**

31. Student profile program-wise :

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	Through NEET	18	42	93.61%	100%
PG	Through NEET	2	0	NA	NA
Ph. D.	--	0	2	-	-

33. Diversity of students

Name of the Program ( refer to question no.4)	% of students from the same university	% of students from the other universities within the state	% of students from the other universities outside the state	% of students from other countries
M.S. Shalyatantra				
Batch 14-15	50%	100%	50%	Nil
Batch 15-16	50%	50%	50%	Nil
Batch 16-17	50%	50%	Nil	Nil
Ph.D. Shalyatantra	0	100%	0	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. –  
**52 Students.**

35. Student progression

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	<b>36%</b>
PG to M.Phil, DM / M Ch / DNB	<b>8%</b>
PG to Ph.D.	<b>Nil</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campus selection	<b>24%</b>
• Other than campusrecruitment	<b>9%</b>
Entrepreneurs	<b>22%</b>

35. Diversity of staff

<b>Percentage of faculty who are graduates</b>	
of the same university	0
from other universities within the State	100%
from universities from other States	0
from universities outside the country	0

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period –**Nil**

38. Present details of departmental infrastructural facilities with regard to

**a) Library – Departmental library Reference Books -106,  
e-books-10,  
Journals-2,  
Thesis -20.**

**b) Internet facilities for staff and students -Available**

**c) Total number of class rooms -2, Seminar hall -1**

**d) Class rooms with ICT facility and 'smart' class rooms - Available**

**e) Students' laboratories - Available**

**Research laboratories - Central research laboratory available**

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university -**Nil**
- b) from other institutions/universities – **2 Ph.D. students**

40. Number of post graduate students getting financial assistance from the university.-**Nil**

41. Was any need assessment exercise undertaken before the development of new program(s) ? If so, highlight the methodology. –**Yes**

**Need assessment exercise is undertaken before the development of new program using the Pathak Vagha Mishra algorithm of Need Analysis for modifying /Introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis, user analysis and work analysis**

42. Does the department obtain feedback from

- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback ? -**Yes**
- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback ? - **Yes**
- c. alumni and employers on the programs offered and how does the department utilize the feedback ? – **Yes**

**Feedback analysis was done by DCC then the report is put up before BOS with outside subject experts and relevant stakeholders for Suggestions. The suggestions were incorporated and revised Curriculum is submitted to Dean's Committee and implemented after the approval of Academic Council**

43. List the distinguished alumni of the department (maximum 10) -**Nil**

44. Give details of student enrichment programs (special lectures / workshops /



seminar) involving external experts. -

Programme	Detail	External expert
Workshop	State level workshop on “ impression of Agnikarma and concept of Mutra-Roga in Ayurveda” 10 &11 <sup>th</sup> June 2013	Dr. Raman Singh, Varanasi.
Workshop	<b>National</b> workshop on “ Wound Management in Ayurveda”24&25 <sup>th</sup> Jan2014	Dr. Shivji Gupta, Faculty ISM, BHU , Varanasi.
Seminar	State level Seminar on “ Recent advances in management of Ano-rectal disorders”28 <sup>th</sup> Feb 2015	Dr. S. Raut , Govt Ayurved collage, Nagpur.
Seminar	State level Seminar on “Approach to cosmetic surgery –Ancient & modern perspective.” 26 <sup>th</sup> Feb 2016	Dr. Kashikar , YMT Mumbai.
Seminar	State level Seminar on “Role of parasurgical procedures & Kriyakalpa in Shalya- Shalakyta Tantra”30 <sup>th</sup> Dec 2016	Dr. Bawiskar Dr. Badole

45. List the teaching methods adopted by the faculty for different programs including clinical teaching. – **PBL, IT, GD, Seminar, Demonstration, Case presentation.**
46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?– **Student Feedbacks and Formative assessments**
47. Highlight the participation of students and faculty in extension activities.- **NSS camps, NSS activities, Health camps, Village adaption, Suvarnaprashan , Jana-Jagaran programme.**
48. Give details of “beyond syllabus scholarly activities” of the department-
- **STS Projects.**
  - **Live demonstrations.**
  - **Skill lab training.**
  - **Communication skill**
49. State whether the program/ department is accredited/ graded by other agencies ? If yes, give details. – **No**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. – **Department started a new programme of Samhita reading and their interpretation to understand the basic knowledge of ancient texts.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

<b>Strengths</b>	<b>Weakness</b>	<b>Opportunity</b>	<b>Challenges</b>
<b>Academics</b> 100% Staff as per CCIM norms	-	To introduce PG Diploma course in Ksharsutra Chikitsa  To increase PG intake	To meet the individual with advanced Teaching methods
<b>Infrastructure</b> Sufficient infrastructure – Good working space with Net facility Well equipped Major and Minor Operation theater	-	Augments to OT based research and courses	To meet the present day technology and standards
<b>Equipments</b> Full length surgical OT	Equipment is not at the world class but standard to do surgery	-	To invent instruments comfortable for surgery on the basis of Ayurveda
<b>Research &amp; Resource</b> Ano-rectal Research for easy & economical surgery	traditional raw methods	Invention of new trend equipment	to invent common model for chronic ulcer and Ano-rectal diseases

52. **Future plans of the department.**

- Department is planning for text book of Shalyatantra
- Planning to increase research publication.
- Future planning to increase STS projects.
- Start Wound care Unit
- Increase PG seats
- Yogya kaksha for Practical training of Shalyatantra

## Evaluative Report of the Department

1. Name of the Department : Prasutitantra-Striroga
2. Year of establishment : 2007
3. Is the Department part of a college/Faculty of the university? :  
**Yes , part of college**
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.) : **UG- BAMS**
5. Interdisciplinary programs and departments involved : **NIL**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. : **NIL**
7. Details of programs discontinued, if any, with reasons : **NIL**
8. Examination System:  
UG- Annual
9. Participation of the department in the courses offered by other departments: **NIL**
10. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

Particular	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	00	-	-
Associate Professor/Reader	01	-	-
Assistant Professor	01	01	01
Lecturer	-	-	-
Tutor / Clinical Instructor	-	-	-
Senior Resident	-	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr.Manisha Parteki	BAMS , MS	Associate professor	PRASUTITANTRA-STRIROGA	9
Dr.Pratiksha Rathod	BAMS , MS	Assistant professor	PRASUTITANTRA & STRIROGA	2.4

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: **NIL**
13. Percentage of classes taken by temporary faculty - program-wise information: **NIL**

14. Program-wise Student Teacher Ratio :

S.N.	Program	Student Teacher Ratio
1.	UG	30:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Sn.	Designation	Sanctioned	Filled	Actual
1.	Technical Staff	0	0	0
2.	Administrative Staff	2	2	2

16. Research thrust areas as recognized by major funding agencies: **Nil**
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.: **NIL**
18. Inter-institutional collaborative projects and associated grants received  
a) National collaboration b) International collaboration : **NIL**
19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : **NIL**
20. Research facility / centre with
- state recognition : **NIL**
  - National recognition : **-NIL**
  - International recognition : **- NIL**
21. Special research laboratories sponsored by / created by industry or corporate bodies : **NIL**

22. Publications:

\* Number of papers published in peer reviewed journals (national / international)-05  
National-2 International-3

\* Monographs : **NIL**

\* Chapters in Books : **NIL**

\* Books edited : **NIL**

\* Books with ISBN with details of publishers : **NIL**

\* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) : **NIL**

\* Citation Index : **NA**

\* SNIP : **NA**

\* SJR : **NA**

\* Impact Factor : **NA**

\* h-index : **NA**

23. Details of patents and income generated : **NIL**

24. Areas of consultancy and income generated: Area- **NIL**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : **NIL**

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (specify) -**NIL**

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).  
Basic Course Workshop, Advance Course, Basic Education skills & Education Course, Bioethics workshop by UNESCO, Workshop in research methodology by MUHS, NABH training ,orientation programs .

28. Student projects

- Percentage of students who have taken up in-house projects including inter-departmental projects: **NIL**

- Percentage of students doing projects in collaboration with other universities / industry / institute: **NA**

29. Awards / recognitions received at the national and international level by
- Faculty

Sr no.	Name of faculty	Name of award/ Recognition	Year	Level
1.	Dr. Pratiksha Rathod	Resource person	Jan-2017	National symposium
2.	Dr. Pratiksha Rathod	Chief guest	August-2016	Regional

- Doctoral / post doctoral fellows: **NIL**
- Students (UG) - **NIL**

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Sr no.	Type of event	Topic	Year	Source of funding	Outstanding participants	Guest speakers
1	CME	CME of strirog on latest advancement in striroga	August 2013	Intramural/ Institutional	-	Dr.Shubhada jajoo Dr.Harsha Sharma
2	CME	Recent advances in in Prevention & management of Prasavkalin vyadhi	August 2015	Intramural/ Institutional	-	Dr.Madhuri bhoyar Dr.Ritesh jain Dr.Nilima
3	Quiz competition (Seminar)	Prasuti-striroga	August 2016	Intramural/ Institutional	-	-

31. Code of ethics for research followed by the departments: **Yes, all research Projects are undertaken as per the guidelines of Institutional Ethics Committee, Animal Ethical Committee and the guidelines of institutional IPR policy are strictly adhered to.**

32. Student profile program-wise:

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
UG	Through NEET	18	42	100%	92.61%

33. Diversity of students:

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
Stri rog	NA	NA	NA	NA

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. : **52 Students.**

35. Student progression - **NA**

36. Diversity of staff

**Percentage of faculty who are graduates**

Of the same university: **Nil**

From other universities within the State: 100 %

From universities from other States: 0 %

From universities outside the country: -0%

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period : **NIL**

38. Present details of departmental infrastructural facilities with regard to

- a) Library : Available ,Total Books : 67 e- books- 20
- b) Internet facilities for staff and students : Available
- c) Total number of class rooms : 1
- d) Class rooms with ICT facility and 'smart' class rooms : 1
- e) Students' laboratories : **NA**
- f) Research laboratories : Yes, Central Research Lab

39. List of doctoral, post-doctoral students and Research Associates-NA
40. Number of post graduate students getting financial assistance from the university : NA
41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.  
NO, need assessment exercise is not undertaken yet and in future department will be using the Pathak Vagha Mishra algorithm of need Analysis for modifying /introducing program in health professionals' education. It is an algorithm copy righted by copyright office govt of India and is based on context analysis, user analysis and work analysis.
42. Does the department obtain feedback from
- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?  
**Yes, the Feedback from faculties on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, and then it goes to Dean Committee for approval. After this it is presented in academic council then it is notified by BOM and finally implemented.**
- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?  
**Yes, the Feedback from students on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, then it goes to Dean committee for approval. After this it is presented in academic council then it is notified by BOM and finally implemented.**
- c. Alumni and employers on the programs offered and how does the department utilize the feedback?  
**Yes, the Feedback from alumni & employers on curriculum and teaching - learning - evaluation is collected by DCC. As per feedback suggestions it is presented before external subject expert & approved by BOS, and then it goes to Dean Committee for approval. After this it is presented in academic council then it is notified by BOM and finally implemented.**
43. List the distinguished alumni of the department (maximum 10) :  
NA



44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts. -NIL
45. List the teaching methods adopted by the faculty for different programs including clinical teaching.  
**Integrated teaching, Problem based learning, Field Visit, G.D., Tutorial, Seminar**
46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored? - Marker points with student's feedback and formative assessment.
47. Highlight the participation of students and faculty in extension activities.
- Health care camps
  - Village adoption program
  - NSS activities
  - Janjagran
  - Plantation
  - Blood donation programme
48. Give details of "beyond syllabus activities" of the department.  
STS program, Conferences, Seminars, Essay competitions, communication skills, Value education.
49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details. : NO
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. : Herbal drug formulations for PCOS.
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

ITEM	STRENGTHS	WEAKNESS	OPPORTUNITIES	CHALLENGES
<b>Academics</b>	Dedicated Qualified and devoted faculty		To start PG course	Retention of senior faculties as there is more scope for private practice
<b>Curricular aspects</b>	Well structured curriculum updated periodically.		To inculcate the relevant and need based areas in the curriculum	

<b>Teaching-learning &amp; evaluation process</b>	Incorporation of innovative teaching learning process and objective evaluation tools.		Student & faculty exchange program  Promotion of student research activities.  Promotion of new teaching learning techniques to other Ayurved colleges	Copy rights for Innovative educational tools
<b>Clinical facilities</b>	Availability of sufficient clinical material	Lack of financial aid from insurance and government agencies for Ayurvedic treatments for IPD & day care	Developing speciality OPD & IPD facilities	Sustenance of patients by exclusive ayurved treatment with presence of tertiary health care centre of sister institute
<b>Research and Extension</b>	Availability of all research facilities in the university	Lack of funded projects	Awareness among public about availability of Ayurvedic speciality care	To develop treatment protocols pertaining to preventive and therapeutic aspects for ANC
<b>Learning resources</b>	Availability of E- museum and manikins		Augmentation of E- museum and teaching material.	

## 52. Future plans of the department.

- To start Garbhasanskar awareness programs.
- To start PG course in upcoming years.
- To apply for copyrights of LRM.
- To work out on inventory projects.
- To publish national international articles.
- Writing book/Handbook on Prasutitantra/striroga

## Evaluative Report of the Department

1. **Name of the Department** : Child Health Nursing
2. **Year of establishment** : 2003
3. **Is the Department part of a college/Faculty of the university?** : Part of College
4. **Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.):**
  - B.BSc (N)
  - P.B.BSc (N)
  - M.Sc (N)
  - Fellowship in neonatology nursing
  - Ph.D. Nursing
5. **Interdisciplinary programs and departments involved:**  
Nil
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:**  
Nil
7. **Details of programs discontinued, if any, with reasons:**  
Nil
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:**  
Annual
9. **Participation of the department in the courses offered by other departments:**  
School of health professional education and research (SHPER)
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
Professor	01	01	01
Associate Professor/Reader	00	00	00
Assistant Professor	01	01	01
Lecturer	-	-	-
Tutor / Clinical Instructor	06	06	06
Senior Resident	NA	NA	NA

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience
Prof Archana Maurya	M.Sc.Nursing M. Phil (HPE)	Professor	Child Health Nursing	16 yrs 6 months
Mr Bibin Kurian	M.Sc.Nursing	Assistant Professor	Child Health Nursing	06 yrs
Ms. Darshana Kumari	M.Sc.Nursing	Clinical instructor	Child Health Nursing	06 yrs
Ms. ShaliniLokhande	M.Sc.Nursing	Clinical instructor	Child Health Nursing	07 years
Ms. Archana Taksande	M.Sc.Nursing	Clinical instructor	Child Health Nursing	14 yrs
Ms. Khushbu Meshram	M.Sc.Nursing	Clinical instructor	Child Health Nursing	04 yrs
Ms. Switi Basekar	B.Sc.Nursing	Clinical instructor	-	02 yrs
Mr. Firoj Sheikh	B.Sc.Nursing	Clinical instructor	-	03 yrs

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

Visiting Fellows	Adjunct Faculty	Emeritus Professors
Nil	Dr. Snehapitre, Professor	Nil

**13. Percentage of classes taken by temporary faculty – program-wise information:**  
Nil

**14. Program-wise Student Teacher Ratio:**  
UG :- 10:1, PG:-10:1

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:**

- Support staff (Technical): Nil
- Administrative Staff –

Sanctioned	Filled	Actual
02	02	02

**16. Research thrust areas as recognized by major funding agencies:**

- Child and parental guidance
- Palliative care for terminally ill child
- Improve Nutrition to reduce child death
- Genetic Blood Disorders (Sickle Cell & Thalassemia)
- Neonatal Care
- Child development assessment
- Under five clinics
- Complimentary therapies
- Adolescents Health

**17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise:**

Nil

**18. Inter-institutional collaborative projects and associated grants received**

**a) National collaboration** - Indian Institute of Public Health, Gandhinagar

**b) International collaboration:**

- Karlstad University, Sweden funded by SIDA
- Grand Challenges Canada

**19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received:**

Nil

**20. Research facility / centre with:**

- State recognition - nil
- National recognition - nil
- International recognition - nil

**21. Special research laboratories sponsored by / created by industry or corporate bodies:**

Nil

**22. Publications:**

- Number of paper published in peer reviewed journals: 43
- Monographs: Nil
- Chapters in books: Nil
- books edited: Nil
- Books with ISBN with details of publishers: Nil
- Number listed in international database: Nil
- Citation Index – : 2.3
- SNIP : 0.67
- SJR : 0.83
- impact factor : 4.874
- h – index : 2.4

**23. Details of patents and income generated:**

Nil

**24. Areas of consultancy and income generated:**

Nil

**25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:**

Nil

**26. Faculty serving in**

**Member of Editorial Boards:** Mrs. Archana Maurya, Board of associate member in “Journal of rural nursing” ISSN No-2320-6748

**27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs):**

- Orientation of new staff
- Staff development programme
- Deputation for conferences, workshop and training programmes.
- Advance course
- Basic Course
- BLS Course
- Fellowship
- M.Phil
- Ph.D.

**28. Student projects**

- Percentage of students who have taken up in-house projects including inter-departmental projects: 100%
- Percentage of students doing projects in collaboration with other universities / industry / institute: 1.98%

**29. Awards / recognitions received at the national and international level by**

- Faculty: 01 Best Paper presentation in International conference
- Doctoral / post doctoral fellows: 0
- Students: 01 Best poster presentation in National conference.

**30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any:**

*Conferences Organized:*

- International conference on Evidence based nursing 2014, SIDA with DMIMS (DU), participants from Sweden, Norway, Nigeria, Australia, Canada and South Africa.
- National level Principals' meet 2015, DMIMS DU, attended by Principals of Nursing Colleges of different colleges from all over India.

**31. Code of ethics for research followed by the departments:**

Yes, All research Projects are undertaken after the approval of Institutional Ethical Committee, and Animal Ethical Committee and the guidelines of institutional IPR policy are strictly adhered to.

**32. Student profile program-wise :**

Name of the Program (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
<b>B. Sc Nursing</b>	<b>Through NEET</b>	12	88	-	-
<b>P. B. B. Sc Nursing</b>	<b>Through NEET</b>	05	16	-	-
<b>M. Sc Nursing</b>	<b>28</b>	2	11	100	100

**33. Diversity of students**

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B,B.Sc. Nursing	-	98%	2%	-
P.B.B.Sc.Nursing	-	95.17	4.83%	-
M. Sc.Nursing	31.42%	31.42%	37.14%	
Ph. D.	5.71%	5.71%	5.71%	

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.**

- IELTS- 01

**35. Student progression**

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	<b>15%</b>
PG to M.Phil, DM / M Ch / DNB	<b>2%</b>
PG to Ph.D.	<b>Nil</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campus selection	<b>42%</b>
• Other than campusrecruitment	<b>11%</b>
Entrepreneurs	<b>Nil</b>

**36. Diversity of staff**

**Percentage of faculty who are graduates**

- Of the same university **76.5%**
- from other universities within the State **11%**
- From universities from other States **12.5%**
- from universities outside the country **Nil**

**37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period:**

M.Phil-01

**38. Present details of departmental infrastructural facilities with regard to**

- Library: Total books: 87 (Text books & Reference books)
- Internet facilities for staff and students: Available
- Total number of class rooms: 08
- Class rooms with ICT facility and 'smart' class rooms: Available
- Students' laboratories: 06
- Research laboratories: Central research lab - 01



- 39. List of doctoral, post-doctoral students and Research Associates**
- a) from the host institution/university: **Mr. Bibin Kurian, Ph.D. (N)**
  - b) from other institutions/universities: **No**
- 40. Number of post graduate students getting financial assistance from the university:**  
04
- 41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology:**
- Structured feedback was constructed
  - Feedback was obtained from faculty-100%, peer-25%, PG alumini-25%, Dept.PG-100%
  - Based on feedback analysis new program is designed
  - Department committee with two external peers approved the program
  - Program was sent to the Dean's committee
  - Approved by the Academic council
  - Approved by BOM
  - Implementation of program
- 42. Does the department obtain feedback from**
- a. **Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?** Yes. We have incorporated new topics in the syllabus as per the need of the society based on the suggestions from stakeholders. New teaching learning evaluation methods are also incorporated like Mini CEX, DOPS, Tutorial, and SISA.
  - b. **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?** Yes. For staff yearly feedback, curriculum every 3 years and teaching learning evaluation is done periodically.
  - c. **Alumni and employers on the programs offered and how does the department utilize the feedback?** Yes. We have incorporated new topics in the syllabus as per the need of the society based on the suggestions from alumni and employers.
- 43. List the distinguished alumni of the department (maximum 10):**
- Ms Swati Patanwar, Principal Nursing College,
  - Ms.Savita Pandy, Nursing counselor, Dept. of Health Services Bhopal.
  - Mr. Kamalkant Shukla, Nursing Director.
- 44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts:**
- Guest lecture by Michael Ross on Scientific Paper writing for publication.
  - Guest lecture on mental health first aid by Dr. Sushil Gawande.
  - Guest lecture on Mental Health Day Dr. Nimbalkar.

45. **List the teaching methods adopted by the faculty for different programs including clinical teaching:**

- Lecture cum discussion,
- Demonstration,
- Panel discussion,
- PBL,
- ITP,
- Workshop,
- Seminar,
- Case presentation,
- Tutorial,
- Journal presentation,
- SISA.

46. **How does the department ensure that program objectives are constantly met and learning outcomes are monitored?:**

**Yes , through academic appraisal programme feedbacks are obtained from the students at the end of each marker points in theory classes and clinical postings to check whether the set learning objectives are met. Further assessment is done by the performance of students in the formative and summative examination.**

47. **Highlight the participation of students and faculty in extension activities.**

- Various National Health Day Celebrations
- Health Education for females on Haldikumkum On Makarsankranti.
- Prevention of Suicide among farmers in Vidarbha.
- Mental health first aid for adolescents in schools.
- Awareness programme on prevention of cardiac diseases and assessment of cardiac risk factors.
- Training programme for ASHA workers.
- National service scheme (NSS)

48. **Give details of “beyond syllabus scholarly activities” of the department:**

- Communication skill lab
- Value education
- Symbiotic Interdisciplinary Scientific Activity (SISA)
- CCHCP (Comprehensive Community Health Care Programme)
- Guest lectures
- Student Exchange Programme
- Student Nurses Association Activities

49. **State whether the program/ department is accredited/ graded by other agencies?**

**If yes, give details:Nil**

50. **Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

Through research projects updating the knowledge and practice of nurses and students on evidence based nursing practices.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths	Weakness	Opportunities	Challenges
<b>MANPOWER</b>			
<ul style="list-style-type: none"> <li>• Full time teaching faculty as per INC norm</li> <li>• Focus on quality of student research</li> <li>• Staff with additional qualifications &amp; expertise Enthusiastic &amp; motivated</li> </ul>	<ul style="list-style-type: none"> <li>• Poor Retention of junior staff.</li> <li>• Lack of Extramural research projects &amp; publications</li> <li>• Lack of International Collaborations</li> </ul>	<ul style="list-style-type: none"> <li>• Development of Staff Profile in SHPE&amp;R (Advance course, M.Phil.), SOAS (fellowship course)</li> <li>• Conduction of specialty conferences and conventions</li> </ul>	<ul style="list-style-type: none"> <li>• Competition from other institutions in the Rural set-up</li> <li>• Limited availability of resources required for conducting specialty conferences in a small town like wardha.</li> </ul>

52. **Future plans of the department.**

- Starting Fellowship in neonatology.
- Planning educational session for parents of mentally challenged children.
- Conduct state workshop on neonatal resuscitation

### Evaluative Report of the Department

1. **Name of the Department** : Community Health Nursing
2. **Year of establishment** : 2003
3. **Is the Department part of a college/Faculty of the university?** – Part of College
4. **Names of programs offered (UG, PG, Pharm.D, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)**
  - Basic B.Sc. Nursing
  - Post Basic B. Sc. Nursing
  - M.Sc. Nursing
  - Ph. D.Nursing
5. **Interdisciplinary programs and departments involved:-** Nil
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:-** Nil
7. **Details of programs discontinued, if any, with reasons :-** Nil
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**
  - Annual
9. **Participation of the department in the courses offered by other departments:-** Nil
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	01
Associate Professor/Reader	00	00	00
Assistant Professor	01	01	01
Lecturer	--	---	--
Tutor / Clinical Instructor	07	07	07
Senior Resident	NA	NA	NA

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of Years of Experience
MR. B.D.Kulkarni	Master of Nursing	Professor & H.O.D.	Community Health Nursing	12 years
Ms. Deeplata Mendhe	Master of Nursing, Fellowship in Palliative care	Assistant professor	Community Health Nursing	6 years.
Mrs. Pratibha Wankhede	Master of Nursing, Fellowship in Oncology nursing	Clinical Instructor	Community Health Nursing	7 years
Mr. Roshan Thavkar	Master of Nursing	Clinical Instructor	Community Health Nursing	4 years
Mrs. Madhuri Shambharkar	Master of Nursing	Clinical Instructor	Community Health Nursing	6 years
Mrs. Jaya Khandar	Master of Nursing	Clinical Instructor	Community Health Nursing	1 year
Mr. Pritam Meshram	Basic B.Sc. Nursing	Clinical Instructor	Community Health Nursing	2 years
Mr. Sachin Bharshankar	Basic B.Sc. Nursing	Clinical Instructor	Community Health Nursing	2 years
Mr. Ganesh Awadhut	Basic B.Sc. Nursing	Clinical Instructor	Community Health Nursing	2 years

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

senior Visiting Fellows	adjunct faculty	emeritus professors
--	Prof. Parul Kibliwala	--

13. **Percentage of classes taken by temporary faculty – program-wise information:** Nil

14. **Program-wise Student Teacher Ratio:-** UG :- 10:1, PG:-10:1

15. **Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

- Support staff (Technical): Nil
- Administrative Staff –

Sanctioned	Filled	Actual
02	02	02

16. **Research thrust areas as recognized by major funding agencies**
- Water conservation & Safe Water Supply
  - Environmental Sanitation
  - Drug Addiction
  - Women Empowerment
  - Geriatric Health
  - Community nutrition
  - Communicable (TB, malaria) and Non communicable diseases (HT, DM, CAD, stroke, cancer, obesity)
  - Complimentary therapies
  - Reduced stress and improved safety in the work place
17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. :- 01**
- a) **National:** Nil
- b) **International funding agencies:** 01 (Grand Challenges Canada)
- c) **Total grants received:** Rs.225000/-
18. **Inter-institutional collaborative projects and associated grants received**
- a) **National collaboration - Indian Institute of Public Health, Gandhinagar**
- b) **International collaboration: -**
- Karlstad University, Sweden funded by SIDA
  - Grand Challenges Canada
19. **Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. :-Nil**
20. **Research facility / center with:- Nil**
- State recognition - nil
  - National recognition - nil
  - International recognition - nil
21. **Special research laboratories sponsored by / created by industry or corporate bodies:-Nil**

**22. Publications:**

\* **Number of papers published in peer reviewed journals (national / international)**

**No.Publications:** 20

**Monograph:** - Nil

**Chapters in books:-**01

**Books edited:** - Nil

\* **Books with ISBN with details of publishers:-** Nil

\* **Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.):**- Nil

\* **Citation Index –** - 1.6

\* **SNIP:** - 0.23

\* **SJR:** - 0.35

\* **Impact Factor –** - 1.6

\* **h-index:** - 2

23. **Details of patents and income generated:-** Nil

24. **Areas of consultancy and income generated:-**Nil

25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:** - Prof. B.D Kulkarni-Chhattisgarh Public Service Commission. Karlstad University, Sweden

26. **Faculty serving in**

**a) National committees b) International committees c) Editorial Boards d) any other (specify) :-**

Mr. B. D. Kulkarni, Member of Editorial Board, Journal of rural nursing, ISSN No:-2320-6748

27. **Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs):-**

- Orientation of new staff
- Staff development programme
- Deputation for conferences, workshop and training programmes.
- Advance course
- Basic Course
- BLS Course
- Fellowship
- M.Phil
- Ph.D.

**28. Student projects**

- Percentage of students who have taken up in-house projects including Inter-departmental projects: - 100 %
- Percentage of students doing projects in collaboration with other universities / industry / institute:- 1.98%

**29. Awards / recognitions received at the national and international level by**

- Faculty :-Nil
- Doctoral / post-doctoral fellows:-Nil
- Students:-Nil

**30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. :-**

*Conferences Organized:*

- International conference on Evidence Based Nursing 2014(SIDA with DMIMS DU), Participants from Sweden, Norway, Nigeria, Australia, Canada, South Africa.
- National Level Principal Meet 2015 DMIMS (DU) attended by principal of Nursing College from all over India.

**31. Code of ethics for research followed by the departments:-**

**Yes, All research Projects are undertaken after the approval of Institutional Ethical Committee, and Animal Ethical Committee and the guidelines of institutional IPR policy are strictly adhered to.**

**32. Student profile program-wise :**

Name of the Program(refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
<b>B. Sc Nursing</b>	<b>Through NEET</b>	12	88	--	--
<b>P. B. B. Sc Nursing</b>	<b>Through NEET</b>	05	16	--	--
<b>M. Sc Nursing</b>	<b>28</b>	2	11	100	100

**33. Diversity of students**

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
Basic B, Sc. (N)	-	98%	2%	-
Post Basic B, Sc. (N)	-	95.17	4.83%	-
M.Sc. (N)	32.25%	67.74%	Nil	Nil
Ph.D	3.22%	Nil	3.22%	Nil



**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.**

IELTS: 01

**35. Student progression**

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	<b>15%</b>
PG to M.Phil, DM / M Ch / DNB	<b>2%</b>
PG to Ph.D.	<b>Nil</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed	
• Campus selection	<b>42%</b>
• Other than campusrecruitment	<b>11%</b>
Entrepreneurs	<b>Nil</b>

**36. Diversity of staff**

**Percentage of faculty who are graduates**

- Of the same university **76.5%**
- from other universities within the State **11%**
- From universities from other States **12.5%**
- from universities outside the country **Nil**

**37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period:-Nil**

**38. Present details of departmental infrastructural facilities with regard to**

- a) Library : 58 Books(Text books & Reference books)
- b) Internet facilities for staff and students :- Available
- c) Total number of class rooms :-08
- d) Class rooms with ICT facility and 'smart' class rooms :- Available
- e) Students' laboratories :-06
- f) Research laboratories:-Central Research Lab. 01

- 39. List of doctoral, post-doctoral students and Research Associates**
- a) From the host institution/university:- Mrs. Deeplata Mendhe, Ph.D, (Interdisciplinary)
  - b) From other institutions/university:- Mr. Badri Prasad, Ph.D.( Interdisciplinary)
- 40. Number of post graduate students getting financial assistance from the university. :-02**
- 41. Was any need assessment exercise undertaken before the development of new program(s) ? If so, highlight the methodology.:**
- i. Structured feedback was constructed.
  - ii. Feedback was obtained from faculty 100%, peer 25%, PG alumni 25%, Dept PG 100%.
  - iii. Based on feedback analysis new program was designed.
  - iv. Department committee with two external peers approved the program
  - v. Program was sent the Dean's committee.
  - vi. Approval from Academic council.
  - vii. Approval from BOM.
  - viii. Implementation of program
- 42. Does the department obtain feedback from**
- a. **Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?** Yes. We have incorporated new topics in the syllabus as per the need of the society based on the suggestions from stakeholders.  
New teaching learning evaluation methods are also incorporated like Mini CEX, DOPS, Tutorial, and SISA.
  - b. **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?** Yes. For staff yearly feedback, curriculum every 3 years and teaching learning evaluation is done periodically.
  - c. **Alumni and employers on the programs offered and how does the department utilize the feedback?** Yes. We have incorporated new topics in the syllabus as per the need of the society based on the suggestions from alumni and employers.
- 43. List the distinguished alumni of the department (maximum 10):-**
- Ms. Sophy Samuel, Vice- Principal
  - Mr. Ramakant Gaikwad, IEC Officer, AIDS Control Programme.

- Mr. Hanuman Bishnoi, AIIMS, Jodhpur.
- Ms. Suman Deviputra, Principal.
- Ms. Manisha Shukla, Principal.
- Mr. Shujith, Principal.
- Ms. Tara Sharma, Principal.

**44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.**

- Guest lecture by Michael Ross on Scientific Paper writing for publication.
- Guest lecture on mental health first aid by Dr. Sushil Gawande.
- Guest lecture on Mental Health Day Dr. Nimbalkar.

**45. List the teaching methods adopted by the faculty for different programs including clinical teaching. :-**

- Lecture cum discussion,
- Demonstration,
- Panel discussion,
- PBL,
- ITP,
- Workshop,
- Seminar,
- Case presentation,
- Tutorial,
- Journal presentation,
- SISA.

**46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?**

**Yes , through academic appraisal programme feedbacks are obtained from the students at the end of each marker points in theory classes and clinical postings to check whether the set learning objectives are met. Further assessment is done by the performance of students in the formative and summative examination**

**47. Highlight the participation of students and faculty in extension activities.**

- Various National Health Day Celebrations
- Health Education for females on Haldikumkum on Makarsankranti.
- Prevention of Suicide among farmers in Vidarbha.
- Mental health first aid for adolescents in schools.
- Awareness programme on prevention of cardiac diseases and assessment of cardiac risk factors.
- Training programme for ASHA workers.
- National service scheme (NSS)

**48. Give details of “beyond syllabus scholarly activities” of the department.**

- Communication skill lab
- Value education
- Symbiotic Interdisciplinary Scientific Activity (SISA)
- CCHCP (Comprehensive Community Health Care Programme)
- Guest lectures
- Student Exchange Programme
- Student Nurses Association Activities

**49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details: Nil**

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied-**

Enhancement of Knowledge and practice of nurses on evidence based nursing practices.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Strengths	Weakness	Opportunities	Challenges
<b>MANPOWER</b>			
<ul style="list-style-type: none"> <li>• Full time teaching faculty as per INC norm</li> <li>• Quality teaching Practice</li> <li>• Enthusiastic &amp; motivated &amp; Trained faculty</li> <li>• Faculty working as resource person in contribution to development of modules tools &amp; techniques for teaching learning</li> </ul>	<ul style="list-style-type: none"> <li>• Poor Retention of junior staff.</li> <li>• Lack of Extramural research projects and quality publications</li> </ul>	<ul style="list-style-type: none"> <li>• Development of Staff Profile in SHPE&amp;R (Advance course, M.Phil.), SOAS (fellowship) course)</li> <li>• Platform for starting fellowships /certificate courses</li> </ul>	<ul style="list-style-type: none"> <li>• Competition from other institutions in the Rural set-up</li> <li>• To compete with government institutions for funded projects obtained from reputed agencies</li> </ul>

**52. Future plans of the department.**

- In collaboration with NGOs to organize camps on Diabetic Mellitus and Hypertension in adopted villages
- Organization of state level CNE

## EVALUATIVE REPORT OF THE DEPARTMENT

1. **Name of the department** – Mental Health Nursing
2. **Year of establishment** - 2003
3. **Is the department part of a college /faculty of the university** – Part of College
4. **Names of programs offered** –
  - a) Basic B. Sc Nursing,
  - b) Post Basic B. Sc Nursing
  - c) M.Sc.Nursing
  - d) Ph.D. Nursing
5. **Interdisciplinary programs and department involved** –Nil
6. **Courses in collaboration with other universities, industries, foreign institutions etc.-** Nil
7. **Details of programs discontinued (if any with reason)-** Nil
8. **Examination system Annual/ Semester/ Trimester/Choice Based Credit System-**  
Annual
9. **Participation of the department in the courses offered by other departments** –  
Teaching at MGACH&RC, School of health professional education and research (SHPER)
10. **Number of teaching posts sanctioned, filled and actual (Professor/Asso. Professor /Asst. Professor/Others)-**

Teaching Post	Sanctioned	Filled	Actual ( Including CAS &MPS)
Professor	01	01	01
Associate Professor	02	02	02
Assistant Professor	01	01	01
Lecturer	----	----	----
Clinical Instructor	04	04	04
Senior Resident	NA	NA	NA

### 11. Faculty profile with name, qualification. designation, area of specialization, experience and research under guidance

Sr. No.	Name	Qualification	Designation	Specialization	No. of year of experiences
1	Ms. Nilima Rakshale	M.Sc. Nursing	HOD & Asso. Professor	Mental Health Nursing &	12 years

				Community Mental Health Nursing	
2	Sr. Tessa Sebastian	M.Sc. Nursing	Nursing Director	Mental Health Nursing	18 years
3	Dr. Mrs. Vaishali Tendolkar	PhD Nursing (MHN) ,M.Sc. nursing (MHN)), M.B.A.(H.A.& M)	Asso. Professor (CAS)	Mental Health Nursing	12 years
4	Mrs. Jaya Gawai	M.Sc. Nursing, M.Phil	Assist. Professor	Mental Health Nursing	6 years 6 months
5	Ms. Pooja Kasturkar	M.Sc. Nursing	Clinical Instructor ( PG)	Mental Health Nursing	7 years
6	Ms. Trupti Uke	PBBsc Nursing	Clinical Instructor(UG)	---	2 years
7	Ms. Shabanam Nazanin Khan	B.B.sc Nursing	Clinical Instructor(UG)	----	6months
8	Ms. Kanchan Bokade	B.B.sc Nursing	Clinical Instructor(UG)	----	2 years

### 12. List of Senior Visiting Fellows, Adjunct Faculty , Emeritus Professors -

Senior Visiting Fellows	Adjunct Faculty	Emeritus Professors
Nil	Prof. Susan Mathew	Nil

13. Percentage of classes taken by temporary faculty- program- wise information – Nil

14. Program- wise students teacher ratio-UG :- 10:1, PG:-10:1

15. Number of academic support staff( technical) and administrative staff :

sanctioned, filled and actual-

- Support staff (Technical): Nil
- Administrative Staff -

Sanctioned	Filled	Actual
02	02	02

16. Research thrust areas as recognized by major funding agencies:

- Community psychiatric nursing,
- Childhood and Adolescents psychiatric nursing,

- Women's mental health,
- Geriatric Nursing,
- Substance abuse,
- Psycho oncology,
- Alternative and complementary system,
- School mental health Program,
- Neuro-psychiatric nursing,
- Guidance and Counseling,
- Emergency psychiatric nursing.

**17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. :- 01**

**a) National funding agencies**

**b) International funding agencies: 01 (Grand Challenges Canada)**

**c) Total grants received: Rs.225000/-**

**18. Inter- institutional collaborative projects and associated grants received**

**a) National Collaboration – DY. Patil University, Kolhapur**

**b) International Collaboration-**

- Karlstad University, Sweden funded by SIDA
- Grand Challenges Canada
- University of Chester.

**19. Departmental projects funded by( ICMR, DST- FIST, UGC- SAP/CAS, DPE, DBT, ICSSR, AICTE etc. )Total grants received.- Nil**

**20. Research facility / Centre with-Nil**

- State recognition - nil
- National recognition - nil
- International recognition - nil

**21. Special research laboratories sponsored by / Created by industry or corporate bodies– Nil**

**22. Publications :**

- No. of Paper published in peer reviewed journals -59
- Monographs – Nil
- Chapters in books - 09
- Books edited – Nil
- Books with ISBN with details of publishers-Nil

- Number listed in International Database ( for e.g. Web Of Sciences, Scopus, Humanities International Complete , Dare Database- International Social Sciences Dictionary, EBSCO host, Medline , Etc) -Nil
- Citation Index - 1.6
- SNIP - 0.73
- SJR - 0.94
- Impact factor -3.54
- H- index - 3

**23. Details of patents and income generated – Copyright – 01** (With no intension to generate income) An Anthology on complementary and Alternative therapies in Nursing

**24. Areas of consultancy and income generated – Nil**

**25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad–Sr. Tessy Sebastian, Karlstad University, Sweden**

**26. Faculty serving in - National committees b) International committees c) Editorial Boards d) any other (specify) –**  
Mrs. Jaya Gawai, co- editor, Journal of Rural nursing, ISSN no.2320-6748  
Ms. Nilima Rakshale member of Editorial Board, Journal of Rural nursing, ISSN no.2320-6748

**27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).**

- Orientation of new staff
- Staff development programme
- Deputation for conferences, workshop and training programmes.
- Advance course
- Basic Course
- BLS Course
- Fellowship
- M.Phil
- Ph.D.

**28. Student projects**

- **Percentage of students who have taken up in-house projects including inter-departmental projects- 100%**



- **Percentage of students doing projects in collaboration with other universities / industry / institute –1.98 %**

**29. Awards / recognitions received at the national and international level by**

- Faculty – 01( National – best paper presentation )
- Doctoral / post doctoral fellows – Nil
- Students – Nil

**30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

*Conferences Organized:*

- International Conference on Evidence Based Nursing 2014 (SIDA with DMIMS DU) participants from Sweden, Norway, Nigeria, Australia, Canada, South Africa.
- National Level Principals’ Meet 2015 (DMIMS DU) attended by Principals of Nursing Colleges from all over India

**31. Code of ethics for research followed by the departments– Yes - All the research projects are approved by Institutional Ethical Committee. Student profile program-wise :**

Name of the Program(refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
<b>B. Sc Nursing</b>	<b>Through NEET</b>	12	88	--	--
<b>P. B. B. Sc Nursing</b>	<b>Through NEET</b>	05	16	--	--
<b>M. Sc Nursing</b>	<b>28</b>	2	11	100	100

**32. Diversity of students**

Name of the Program		% of students from the same university	% of students from other universities within the State	% of students From universities outside the State	% of students from other Countries
PG		1.75	Nil	1.25	Nil
UG	B.B.Sc	Nil	98%	2%	Nil
	PBBSC	Nil	95.17	4.83%	Nil
PhD		0.24	Nil	0.24	Nil

**34. How many students have cleared Civil Services and Defense Services**

examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

- IELTS – 02

### 35. Student progression

Student progression	Percentage against enrolled
UG to PG	15%
PG to M.Phil, DM / M Ch / DNB	2%
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	42%
• Other than campusrecruitment	11%
Entrepreneurs	Nil

### 36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	50%
from other universities within the State	50%
from universities from other States	Nil
from universities outside the country	Nil

### 37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period.

- M.Phil- 01 and Ph.D. - 01

### 38. Present details of departmental infrastructural facilities with regard to

- Library – 78books (Text book & Reference books)
- Internet facilities for staff and students – Available
- Total number of class rooms - 08
- Class rooms with ICT facility and 'smart' class rooms- Available
- Students' laboratories – 06
- Research laboratories – central research laboratory

### 39. List of doctoral, post-doctoral students and Research Associates

- from the host institution/university – Nil
- from other institutions/universities –01 ( Mr. Arun Pawar), Ph.D. (Nursing)

40. **Number of post graduate students getting financial assistance from the university- 02**
41. **Was any need assessment exercise undertaken before the development of new program(s) ? If so, highlight the methodology- Nil**
- Structured feedback was constructed.
  - Feedback was obtained from faculty 100%, peer 25%, PG alumni 25%, Dept PG 100%.
  - Based on feedback analysis new program was designed.
  - Department committee with two external peers approved the program
  - Program was sent the Dean's committee.
  - Approval from Academic council.
  - Approval from BOM.
  - Implementation of program
42. **Does the department obtain feedback from**
- a. **Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?** Yes. We have incorporated new topics in the syllabus as per the need of the society based on the suggestions from stakeholders.  
New teaching learning evaluation methods are also incorporated like Mini CEX, DOPS, Tutorial, and SISA.
  - b. **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?** Yes. For staff yearly feedback, curriculum every 3 years and teaching learning evaluation is done periodically.
  - c. **Alumni and employers on the programs offered and how does the department utilize the feedback?** Yes. We have incorporated new topics in the syllabus as per the need of the society based on the suggestions from alumni and employers.
43. **List the distinguished alumni of the department (maximum 10) –**
- Mr. Jayesh Patidar, Vice-Principal.
44. **Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.**
- Guest lecture by Michael Ross on Scientific Paper writing for publication.
  - Guest lecture on mental health first aid by Dr. Sushil Gawande.
  - Guest lecture on Mental Health Day Dr. Nimbalkar.
45. **List the teaching methods adopted by the faculty for different programs**

**including clinical teaching.**

- Lecture cum discussion,
- Demonstration,
- Panel discussion,
- PBL,
- ITP,
- Workshop,
- Seminar,
- Case presentation,
- Tutorial,
- Journal presentation,
- SISA.

**46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored ? –**  
Student feedback and formative assessment.

**47. Highlight the participation of students and faculty in extension activities. –**

- Various National Health Day Celebrations
- Health Education for females on Haldi kumkum On Makar sankranti.
- Prevention of Suicide among farmers in Vidarbha.
- Mental health first aid for adolescents in schools.
- Awareness programme on prevention of cardiac diseases and assessment of cardiac risk factors.
- Training programme for ASHA workers.
- National service scheme (NSS)

**48. Give details of “beyond syllabus scholarly activities” of the department. –**

- Clinical skill lab
- Communication skill lab
- Value education
- Symbiotic Interdisciplinary Scientific Activity (SISA)
- CCHCP (Comprehensive Community Health Care Programme)
- Guest lectures
- Student Exchange Programme
- Student Nurses Association Activities

**49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details. – Nil**

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**  
Through research projects updating the knowledge and practice of nurses and students on evidence based nursing practices.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Strengths	Weakness	Opportunities	Challenges
<b>MANPOWER</b>			
<ul style="list-style-type: none"> <li>• Full time teaching faculty as per INC norm</li> <li>• Staff is highly trained in teaching learning methodology and motivated</li> <li>• Good teaching practices</li> <li>• Faculties with additional administrative responsibilities</li> </ul>	<ul style="list-style-type: none"> <li>• Lack of Extramural research projects</li> <li>• Lack of publications</li> <li>• Poor Retention of junior staff.</li> </ul>	<ul style="list-style-type: none"> <li>• Development of Staff Profile in SHPE&amp;R (Advance course, M.Phil.),</li> <li>• SOAS (fellowship course)</li> <li>• Platform for starting fellowships /certificate courses</li> <li>• Capacity building of manpower thereby Augmentation of faculty skill</li> </ul>	<ul style="list-style-type: none"> <li>• Competition from other institutions in the Rural set-up</li> </ul>

**52. Future plans of the department.**

- Organization of State level CNE on legal issues in Psychiatric Mental Health Nursing
- Conduction of Longitudinal study on effect of therapeutic communication on the symptoms of schizophrenia
- To write a Text book on Mental Health Nursing.

## Evaluative Report of the Department

1. **Name of the Department:** Medical Surgical Nursing
2. **Year of Establishment:** 2003
3. **Is the department part of a college / Faculty of the University?** Part of College
4. **Names of programs offered (UG, PG, Pharm. D, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)**
  - Basic B.Sc. Nursing,
  - Post Basic. B.Sc. Nursing,
  - M.Sc. Nursing,
  - Ph.D. Nursing.
  - Fellowship in Evidence Based Nursing,
  - Fellowship in Geriatric Nursing
  - Fellowship in peri-operative nursing
5. **Interdisciplinary programs and departments involved:** Nil
6. **Courses in collaboration with other universities, industries, foreign institutions, etc:** Nil
7. **Details of programs discontinued, if any, with reasons:** Nil
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:** Annual
9. **Participation of the department in the courses offered by other departments:**  
School of health professional education and research (SHPER)
10. **Number of teaching posts sanctioned , filled and actual:**

Post	Sanctioned	Filled	Actual
Professor	01	01	01
Associate Professor/Reader	00	00	00
Assistant Professor	04	04	04
Lecturer	-	-	-
Tutor / Clinical Instructor	12	12	12
Senior Resident	NA	NA	NA

**11. Faculty Profile:**

Name	Qualification	Designation	Specialization	Years of Experience
Ms. Seema Singh	M.Sc. (N), Ph.D. (N)	Prof & HOD	Medical Surgical Nursing	12 years
Ms. Usha Waghmare	M.Sc. (N)	Lecturer	Medical Surgical Nursing	14 years
Ms. Ranjana Sharma	M.Sc. (N), M.Phil. (HPE) Fellowship in Evidence Based Nursing	Lecturer	Medical Surgical Nursing	8 years 6 months
Ms. Savita Pohekar	M.Sc. (N)	Lecturer	Medical Surgical Nursing	7 Years
Ms. Ruchira Ankar	M.Sc. (N), Fellowship in Bioethics, Fellowship in palliative care	Lecturer	Medical Surgical Nursing	8 years
Mr. Vishal Pakhare	M.Sc. (N)	Clinical Instructor	Medical Surgical Nursing	5 years 6 months
Ms. Arti Raut	M.Sc. (N)	Clinical Instructor	Medical Surgical Nursing	2 years
Ms. Nikita Bhokare	B.Sc. (N)	Clinical Instructor	Medical Surgical Nursing	4 years
Ms. Sonali Waware	B.Sc. (N)	Clinical Instructor	Medical Surgical Nursing	4 years
Ms. Archana Dhengre	P.B.B.Sc. (N)	Clinical Instructor	Medical Surgical Nursing	2 years
Ms. Prachi Falke	P.B.B.Sc. (N)	Clinical Instructor	Medical Surgical Nursing	2 years
Ms. Swapna Morey	P.B.B.Sc. (N)	Clinical Instructor	Medical Surgical	2 years

			Nursing	
Ms. PoonamPatil	B.Sc. (N)	Clinical Instructor	Medical Surgical Nursing	2 years 6 months
Ms. SeemaNaranje	B.Sc. (N)	Clinical Instructor	Medical Surgical Nursing	2 years
Ms. PranaliWagh	B.Sc. (N)	Clinical Instructor	Medical Surgical Nursing	2 years
Ms. ArchanaMaheshgaury	P.B.B.Sc. (N)	Clinical Instructor	Medical Surgical Nursing	2 years
Ms. Puja Pradhan	B.Sc. (N)	Clinical Instructor	Medical Surgical Nursing	2 years

**12. List of senior visiting fellows, adjunct faculty, emeritus professors:**

Senior visiting fellows	Adjunct faculty	Emeritus professors
Nil	Prof. Vaishali Mohite	Nil

**13. Percentage of classes taken by temporary faculty: Nil**

**14. Programme-wise student teacher ratio: UG :- 10:1, PG:-10:1**

**15. Number of academic support staff (technical) and administrative staff:**

- Support staff (Technical): Nil
- Administrative Staff –

Sanctioned	Filled	Actual
02	02	02

**16. Research thrust areas as recognized by major funding agencies:**

- Emergency Nursing
- Non Communicable Diseases
- Evidence Based Nursing
- Preventive care
- Complimentary therapies
- Women's Health
- Quality of Life
- Palliative care

**17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. :- 01**

a) National funding agencies

b) International funding agencies:01 (Grand Challenges Canada)c) Total grants received: Rs.225000/-



**18. Inter-institutional collaborative projects and associated grants received.**

a) **National collaboration** - **DY. Patil University, Kolhapur**

b) **International collaboration:**

- Karlstad University, Sweden funded by SIDA
- Grand Challenges Canada

**19. Departmental Funded projects (ICMR; DST-FIST; UGC-SAP/CAS; DPE;DBT;ICSSR;AICTE etc.) & total grants received: Nil**

**20. Research facility recognition: State / National / International: Nil**

**21. Special research laboratories sponsored by / created by industry or corporate bodies: Nil**

**22. Publications:**

- Number of paper published in peer reviewed journals (National / International): 49
- Monographs: Nil
- Chapters in books: 09
- books edited: Nil
- Books with ISBN with details of publishers: Nil
- Number listed in international database: Nil
- citation index – : 1.48
- SNIP : 0.23
- SJR : 0.45
- impact factor : 4.0835
- h – index : 3

**23. Details of patents and income generated:** Copyrights - (With no intention to generate income) DMIMS model for nursing education unit for qualitative improvisation in nursing education.

**24. Area of consultancy and income generated: Nil**

**25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and Abroad:** Ms. Seema Singh, Karlstad University, Sweden, KIMS-Karad

**26. Faculty serving in a) National committees b) International committees c) Editorial boards d) any other (specify):**

- Ms. Seema Singh, Editor, Journal of Rural Nursing, ISSN No: 2320-6748;
- Mr. Vishal Pakhare, Member of Editorial Board, Journal of Rural Nursing, ISSN No: 2320-6748.

**27. Faculty recharging strategies:**

- Orientation of new staff
- Staff development programme
- Deputation for conferences, workshop and training programmes.
- Advance course
- Basic Course
- BLS Course
- Fellowship
- M.Phil
- Ph.D.

**28. Student projects:**

- Percentage of students who have taken up in-house projects including inter-departmental projects: 100%
- Percentage of students doing projects in collaboration with other universities / institute: 1.98%

**29. Awards / recognition received at the national and international level by**

- Faculty: Nil
- Doctoral / post doctoral fellows: Nil
- Students: 01 (Best paper presentation at National Conference)

**30. Seminars / conferences / workshops organized and the source of funding (National/International) with details of outstanding participants:**

*Conferences Organized:*

- International Conference on Evidence Based Nursing 2014 (SIDA with DMIMS DU) participants from Sweden, Norway, Nigeria, Australia, Canada, South Africa.
- National Level Principals' Meet 2015 (DMIMS DU) attended by Principals of Nursing Colleges from all over India

**31. Code of ethics for research followed by the departments:**

**Yes, All research Projects are undertaken after the approval of Institutional Ethical Committee, and Animal Ethical Committee and the guidelines of institutional IPR policy are strictly adhered to.**

**32. Student profile:**

Name of the Program(refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
<b>B. Sc Nursing</b>	<b>Through NEET</b>	12	88	--	--
<b>P. B. B. Sc Nursing</b>	<b>Through NEET</b>	05	16	--	--
<b>M. Sc Nursing</b>	<b>28</b>	2	11	100	100

**33. Diversity of students:**

Name of programme	% of students from same university	% of students from other universities within state	% of students from universities outside state	% of students from other countries
Basic B.Sc. (N)	-	98%	2%	-
Post Basic B.Sc. (N)	-	95.17	4.83%	-
M.Sc. (N)	52.5%	20%	27.5%	Nil

**34. How many students have cleared civil service and defense services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.**

- IELTS: 05 -Post Graduate

**35. Student Progression:**

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	<b>15%</b>
PG to M.Phil, DM / M Ch / DNB	<b>2%</b>
PG to Ph.D.	<b>Nil</b>
Ph.D. to Post-Doctoral	<b>Nil</b>
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campusrecruitment</li> </ul>	<b>42%</b> <b>11%</b>
Entrepreneurs	<b>Nil</b>

**36. Diversity of staff:**

<b>Percentage of faculty who are graduates</b>	
Of same university	58.82%
From other university within state	29.42%
From other universities from other state	11.76 %
From universities outside country	Nil

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period:**

- M.Phil. – 01
- Ph.D. – 01

**38. Present details of departmental infrastructural facilities with regards to**

- Library: Total No. of books: 90 (Text books & reference books)
- Internet facility for staff and students: Available
- Total number of class rooms: 08
- Class rooms with ICT facility and ‘Smart’ class rooms: Available
- students’ laboratories: 06 Labs
- Research laboratories: Central Research Lab – **01**

**39. List of doctoral, post-doctoral students and Research Associates**

- i. from the host institution/university: Nil
- ii. from other institutions/universities: Nil

**40. Number of post graduate students getting financial assistance from the university:** 10 students

**41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology**

- Structured feedback was constructed.
- Feedback was obtained from faculty 100%, peer 25%, PG alumni 25%, Dept PG 100%.
- Based on feedback analysis new program was designed.
- Department committee with two external peers approved the program
- Program was sent the Dean's committee.
- Approval from Academic council.
- Approval from BOM.
- Implementation of program

**42. Does the department obtain feedback from**

- a. **Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?** Yes. We have incorporated new topics in the syllabus as per the need of the society based on the suggestions from stakeholders.  
New teaching learning evaluation methods are also incorporated like Mini CEX, DOPS, Tutorial, and SISA.
- b. **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?** Yes. For staff yearly feedback, curriculum every 3 years and teaching learning evaluation is done periodically.
- c. **Alumni and employers on the programs offered and how does the department utilize the feedback?** Yes. We have incorporated new topics in the syllabus as per the need of the society based on the suggestions from alumni and employers.

**43. List the distinguished alumni of the department (maximum 10)**

- Mr. Ebin Jose (Ph.D. USA)
- Mr. VirendraGirhe-Principal

**44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.**

- Guest lecture by Michael Ross on Scientific Paper writing for publication.
- Guest lecture on mental health first aid by Dr. SushilGawande.
- Guest lecture on Mental Health Day Dr. Nimbalkar.

**45. List the teaching methods adopted by the faculty for different programs including clinical teaching.**

- Lecture cum Discussion,
- Demonstration,
- Panel Discussion,
- PBL,
- ITP,
- workshop,
- Seminar,
- Case presentations,
- Tutorials,
- Journal presentation,
- SISA

**46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?**

**Yes , through academic appraisal programme feedbacks are obtained from the students at the end of each marker points in theory classes and clinical postings to check whether the set learning objectives are met. Further assessment is done by the performance of students in the formative and summative examination**

**47. Highlight the participation of students and faculty in extension activities.**

- Various National Health Day Celebrations
- Health Education for females on Haldikumkum onMakarsankranti.
- Prevention of Suicide among farmers in Vidarbha.
- Mental health first aid for adolescents in schools.
- Awareness programme on prevention of cardiac diseases and assessment of cardiac risk factors.
- Training programme for ASHA workers.
- National service scheme (NSS)

**48. Give details of “beyond syllabus scholarly activities” of the department.**

- Communication skill lab
- Value education
- Symbiotic Interdisciplinary Scientific Activity (SISA)
- CCHCP (Comprehensive Community Health Care Programme)
- Guest lectures
- Student Exchange Programme
- Student Nurses Association Activities

**49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.: Nil**

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

- Through research projects updating the knowledge and practice of nurses and students on evidence based nursing practices.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

Strengths	Weakness	Opportunities	Challenges
<b>MANPOWER</b>			
<ul style="list-style-type: none"> <li>• Staff is highly trained in teaching learning methodology and motivated</li> <li>• Full time teaching faculty as per INC norm</li> <li>• Focus on quality of student research</li> <li>• Quality teaching Practice, 100% Good result,</li> </ul>	<ul style="list-style-type: none"> <li>• No facilities for Faculty Inter-Institutional, National &amp; International exchange program &amp; International collaboration</li> <li>• Poor Retention of junior staff.</li> <li>• Lack of Extramural research projects</li> </ul>	<ul style="list-style-type: none"> <li>• Development of Staff Profile in SHPE&amp;R (Advance course, M.Phil.), SOAS (fellowship course)</li> <li>• To develop as a referral centre for peripheral areas</li> </ul>	Competition from other institutions in the Rural set-up

**52. Future plans of the department.**

- Fellowship in perioperative care(Interdisciplinary)
- Research project on Geriatric problems

## Evaluative Report of the Department

1. **Name of the Department:** Department of Obstetrics and Gynecology Nursing
2. **Year of establishment:**2003
3. **Is the Department part of a college/Faculty of the university? :** Part of College
4. **Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)**
  - Basic B.Sc. Nursing,
  - Post Basic. B.Sc. Nursing,
  - M.Sc. Nursing,
  - Ph.D. Nursing
  - Fellowship in Oncology nursing
5. **Interdisciplinary programs and departments involved:**Nil
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.:**Nil
7. **Details of programs discontinued, if any, with reasons :**Nil
8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System:**Annual
9. **Participation of the department in the courses offered by other departments:**
  - School of health professional education and research (SHPER)
10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (including CAS &amp; MPS)</b>
Professor	01	01	01
Associate Professor/Reader	00	00	00
Assistant Professor	01	01	01
Lecturer	00	00	00
Tutor / Clinical Instructor	12	12	12
Senior Resident	NA	NA	NA



**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance**

Name	Qualification	Designation	Specialization	No. of years of experience
Prof. Vaishali Taksande	M.Sc. Nursing & M. Phil (Health Profession education)	HOD	OBGY Nursing	15 years
Ms. Manjusha Maharkar	M.Sc. Nursing	Assistant Professor	OBGY Nursing	6 years
Mrs. Shalini Moon	M.Sc. Nursing	Clinical Instructor	OBGY Nursing	7 years
Ms. Bali Thool	M.Sc. Nursing	Clinical Instructor	OBGY Nursing	6 years
Mrs. Kavita G.	M.Sc. Nursing	Clinical Instructor	OBGY Nursing	6 years
Mrs. Archana Teltumde	M.Sc. Nursing	Clinical Instructor	OBGY Nursing	7 years and 6 months
Ms. Pradnya Sakle	M.Sc. Nursing	Clinical Instructor	OBGY Nursing	4 years
Ms. Suwarna Ghugare	B.Sc. Nursing	Clinical Instructor	OBGY Nursing	4 years
Ms. Roshani Warghane	B.Sc. Nursing	Clinical Instructor	OBGY Nursing	3 years
Ms. Sonali Sarode	B.Sc. Nursing	Clinical Instructor	OBGY Nursing	2 years
Ms. Bharti Tamgri	B.Sc. Nursing	Clinical Instructor	OBGY Nursing	2 years
Ms. Madhuri Deotale	B.Sc. Nursing	Clinical Instructor	OBGY Nursing	2 years
Ms. Sumanata Kheikar	B.Sc. Nursing	Clinical Instructor	OBGY Nursing	2 years
Ms. Diksha Patil	B.Sc. Nursing	Clinical Instructor	OBGY Nursing	1 years

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors :**

Visiting Fellows	Adjunct faculty	Emeritus professors
Nil	Dr. Usha Ukande	Nil

13. **Percentage of classes taken by temporary faculty:** Nil

14. **Program-wise Student Teacher Ratio :** UG :- 10:1, PG:-10:1

15. **Number of academic support staff (technical) and administrative staff:**

**sanctioned, filled and actual**

- Support staff (Technical): Nil
- Administrative Staff –

<b>Sanctioned</b>	<b>Filled</b>	<b>Actual</b>
02	02	02

16. **Research thrust areas as recognized by major funding agencies:**

- Antenatal Care
- Postnatal Care
- Labour & Delivery
- Neonatal Care
- Women's Health
- Reproductive Health
- Preventive Obstetrics

17. **Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise: Nil**

18. **Inter-institutional collaborative projects and associated grants received**

- a) **National collaboration** - DY. Patil University, Kolhapur
- b) **International collaboration**
  - Karlstad University, Sweden funded by SIDA
  - Grand Challenges Canada

19. **Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.: Nil**

20. **Research facility / centre with: Nil**

- State recognition - nil
- National recognition - nil
- International recognition - nil

21. **Special research laboratories sponsored by / created by industry or corporate bodies:**

Nil

**22. Publications:**

- \* Number of papers published in peer reviewed journals (national / international) : 36
- \* Monographs : Nil
- \* Chapters in Books : 4
- \* Books edited : 1
- \* Books with ISBN with details of publishers : Nil
- \* Number listed in International Database: (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) : Nil
- \* Citation Index : 1.1
- \* SNIP : 0.21
- \* SJR : 0.34
- \* Impact Factor : 3.536
- \* h-index : 2

23. **Details of patents and income generated:** Copyrights- (With no intention to generate income) DMIMS model for nursing education unit for qualitative improvisation in nursing education.

24. **Areas of consultancy and income generated:** Nil

25. **Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad:** Prof. Vaishali Taksande, Karlstad University, Sweden.

26. **Faculty serving in**

- a) National committees: Nil
- b) International committees: Nil
- c) Editorial Boards: Prof. Vaishali Taksande, Member of editorial board Journal of Rural Nursing ISSN No. 2320/6748
- d) Any other (specify): Nil

27. **Faculties recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs):**

- Orientation of new staff
- Staff development programme
- Deputation for conferences, workshop and training programmes.
- Advance course
- Basic Course
- BLS Course
- Fellowship

- M.Phil.
- Ph.D.

**28. Student projects**

- **percentage of students who have taken up in-house projects including inter-departmental projects: 100%**
- **percentage of students doing projects in collaboration with other universities / industry / institute: 1.98%**

**29. Awards / recognitions received at the national and international level by**

- Faculty : Nil
- Doctoral / post doctoral fellows: Nil
- Students : 1 ( Best paper presentation National Conference)

**30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any:**

*Conferences Organized:*

1. International conference on Evidence based nursing practice, 2014, SIDA with DMIMS (DU) participants from Sweden, Norway, Nigeria, Australia, Canada and South Africa.
2. National level Principal meet, 2015, DMIMS (DU) attended by Principal of nursing colleges from all over India.

**31. Code of ethics for research followed by the departments:**

**Yes, All research Projects are undertaken after the approval of Institutional Ethical Committee, and Animal Ethical Committee and the guidelines of institutional IPR policy are strictly adhered to.**

**32. Student profile program-wise :**

Name of the Program(refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
<b>B. Sc Nursing</b>	<b>Through NEET</b>	12	88	--	--
<b>P. B. B. Sc Nursing</b>	<b>Through NEET</b>	05	16	--	--
<b>M. Sc Nursing</b>	<b>28</b>	2	11	100	100

**33. Diversity of students**

Name of the Program (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B. B. Sc Nursing	-	98%	2%	-
Post B.B.Sc Nursing	-	95.17	4.83%	-
M.Sc Nursing	17%	26.82%	9.7%	Nil
PhD	2.4%	Nil	Nil	Nil

**34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.**

Nil

**35. Student progression**

Student progression	Percentage against enrolled
UG to PG	15%
PG to M.Phil, DM / M Ch / DNB	2%
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	42%
• Other than campusrecruitment	11%
Entrepreneurs	Nil

**35. Diversity of staff**

Percentage of faculty who are graduates	
Of the same university	71.42
From other universities within the State	21.42
From universities from other States	7.14
From universities outside the country	Nil

37. **Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period:**

M.Phil.-01

38. **Present details of departmental infrastructural facilities with regard to**

- a) Library: 71books (Text books & reference books)
- b) Internet facilities for staff and students: Available
- c) Total number of class rooms :8
- d) Class rooms with ICT facility and 'smart' class rooms: Available
- e) Students' laboratories: 6
- f) Research laboratories: Central research lab

39. **List of doctoral, post-doctoral students and Research Associates**

From the host institution/university: NIL

From other institutions/universities : Ms. PratibhaTogtwar, Ph.D. (Nursing)

40. **Number of post graduate students getting financial assistance from the university:** 4

41. **Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology**

- Structured feedback was constructed.
- Feedback was obtained from faculty 100%, peer 25%, PG alumni 25%, Dept PG 100%.
- Based on feedback analysis new program was designed.
- Department committee with two external peers approved the program
- Program was sent the Dean's committee.
- Approval from Academic council.
- Approval from BOM.
- Implementation of program

42. **Does the department obtain feedback from**

a) **Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?** Yes. We have incorporated new topics in the syllabus as per the need of the society based on the suggestions from stakeholders.

New teaching learning evaluation methods are also incorporated like Mini CEX, DOPS, Tutorial, and SISA.

- b) **Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?** Yes. For staff yearly feedback, curriculum every 3 years and teaching learning evaluation is done periodically.
- c) **Alumni and employers on the programs offered and how does the department utilize the feedback?** Yes. We have incorporated new topics in the syllabus as per the need of the society based on the suggestions from alumni and employers.
43. **List the distinguished alumni of the department (maximum 10):**
- Mrs. Mina Tiwari, Principal.
  - Ms. Mercy Kharat, Vice- Principal
  - Ms. JosephinNaik, Principal
44. **Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.**
- Guest lecture by Michael Ross on Scientific Paper writing for publication.
  - Guest lecture on Mental Health first aid by Dr. SushilGawande.
  - Guest lecture on Mental Health Day Dr. Nimbalkar.
45. **List the teaching methods adopted by the faculty for different programs including clinical teaching.**
- Lecture cum discussion,
  - demonstration,
  - panel discussion,
  - PBL,
  - ITP,
  - Seminar,
  - Tutorial,
  - Case Presentation,
  - Journal presentation,
  - SISA
46. **How does the department ensure that program objectives are constantly met and learning outcomes are monitored?**  
Student feedback and formative assessment.
47. **Highlight the participation of students and faculty in extension activities.**
- Various National Health Day Celebrations
  - Health Education for females on Haldikumkum OnMakarsankranti.
  - Prevention of Suicide among farmers in Vidarbha.
  - Mental health first aid for adolescents in schools.
  - Awareness programme on prevention of cardiac diseases and assessment of cardiac risk factors.
  - Training programme for ASHA workers.
  - National service scheme (NSS)

**48. Give details of “beyond syllabus scholarly activities” of the department.**

- Clinical skill lab
- Communication skill lab
- Value education
- Symbiotic Interdisciplinary Scientific Activity (SISA)
- CCHCP (Comprehensive Community Health Care Programme)
- Guest lectures
- Student Exchange Programme
- Student Nurses Association Activities

**49. State whether the program/ department is accredited/ graded by other agencies?  
If yes, give details: Nil**

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

Through research projects updating the knowledge and practice of nurses and students on evidence based nursing practices.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

<b>Strengths</b>	<b>Weakness</b>	<b>Opportunities</b>	<b>Challenges</b>
<ul style="list-style-type: none"> <li>• Full time teaching faculty as per INC norm</li> <li>• Focus on quality of student research</li> <li>• Quality teaching Practice, 100% Good result,</li> <li>• Enthusiastic &amp; motivated &amp; Trained faculty</li> <li>• Good teaching practices</li> </ul>	<ul style="list-style-type: none"> <li>• Poor Retention of junior staff.</li> <li>• Lack of Extramural research projects.</li> <li>• Lack of International Collaboration</li> </ul>	<ul style="list-style-type: none"> <li>• Development of Staff Profile in SHPE&amp;R (Advance course, M.Phil.),</li> <li>• SOAS (fellowship course)</li> <li>• Platform for starting fellowships /certificate courses</li> </ul>	<ul style="list-style-type: none"> <li>• Competition from other institutions in the Rural set-up</li> </ul>

**52. Future plans of the department.**

- Research project on reproductive health issues of rural women after 40 year
- Research project on female health problem



## Evaluative Report of the Department

1. Name of the Department - **RAVI NAIR PHYSIOTHERAPY COLLEGE**
2. Year of establishment - **04/07/1998**
3. Is the Department part of a college/Faculty of the university? - **Constituent College**
4. Names of programs offered (UG, PG, M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.) - **UG - B.P.T, PG - M.P.T**
5. Interdisciplinary programs and departments involved - **2**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. - **2**
7. Details of programs discontinued, if any, with reasons - **Nil**
8. Participation of the department in the courses offered by other departments - **Bioethics, BLS, ACLS**
9. Number of teaching posts sanctioned, filled and actual (Professors/ Associate Professors/ Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS)
Professor	<b>03</b>	<b>03</b>	<b>03</b>
Associate Professor/Reader	06	06	06
Assistant Professor	08	08	08
Lecturer	-	-	-
Tutor / Clinical Instructor	<b>03</b>	<b>03</b>	<b>03</b>
Senior Resident	-	-	-

10. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Atharuddin Kazi	M.P.Th	Principal & Professor	Cardiorespiratory Physiotherapy	12 Years and 6 Months Teaching Clinical-23
Dr. Sohan Selkar	M.P.Th	Professor	Musculoskeletal	11 Years

			Conditions	
Dr. Chitra Mridha	MPTTh	Professor	Neurosciences	11Years
Dr. Irshad Qureshi	MPTTh	Associate Professor	Neurosciences	8 Years
Dr. Ashish Bele	M.P.Th	Associate Professor	Community Medical Sciences	7 years and 5 months
Dr. Shiril Nagarkar	M.P.Th	Associate Professor	Cardiovascular & Respiratory Sciences	5 Years and 1 Months
Dr. Subrat Samal	M.P.Th	Associate Professor	Musculoskeletal Sciences	4 Years 10 months
Dr. Shyam Jungade	M.P.Th	Associate Professor	Community Health Sciences	4 Years 10 Months
Dr. Amit Ambulkar	M.P.Th	Associate Professor	Musculoskeletal Sciences	5 Years and 10 months
Dr. Neha Meshram	M.P.Th	Assistant Professor	Musculoskeletal Sciences	10 months
Dr Ashwini Kalsait	MPTTh	Assistant Professor	Neurosciences	10 Months
Dr. Nitin Sakhare	M.P.Th	Assistant Professor	Sports	10 months
Dr. Swapana kamble	M.P.T	Assistant Professor	Musculoskeletal Sciences	10 Months
Dr. Lajwanti Lalwani	M.P.Th	Assistant Professor	Cardiovascular & Respiratory Sciences	1 year
Dr. Varsha Pawar	M.P.Th	Assistant Professor	Musculoskeletal Sciences	3 Years & 11Months
Dr. Shyam Chaudhari	M.P.Th	Assistant Professor	Cardivascular Sciences	10 months

Dr. Shailesh Patil	M.P.Th	Assistant Professor	Cardiovascular & Respiratory Sciences	1 month
Dr. Snehal Samal	B.P.T	Tutor		1 Year
Dr. Sumit Meshram	B.P.T	Tutor		10 Months
Dr. Ashiwini Chinewar	B.P.T	Tutor		3 Months

11. List of senior Visiting Fellows, adjunct faculty, emeritus professors-  
**Dr G J Ramteke - Former Dean Government College of Physiotherapy Nagpur**
12. Percentage of classes taken by adjunct faculty - program-wise information - Nil
13. Program-wise Student Teacher Ratio. **2.5 :1**
14. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual - **19 Administrative, 10 Technical**
15. Research thrust areas as recognized by the department- - **Geriatrics rehabilitation, Manipulation therapy, Osteopathy, Sports, Cerebral palsy, Cardiac Rehabilitation, Pulmonary Rehabilitation, Health promotion, EMG/NCV, Biomechanics**
16. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. -
  - a. District Rehabilitation Center, Government of Maharashtra
  - b. Sarva Shiksha Abhiyaan, Government Of India
17. Inter-institutional collaborative projects and associated grants received
  - a) National collaboration b) International collaboration -  
**Vmove in collaboration with Harvard University, Boston, USA**
18. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, WHO etc.; total grants received. - Nil

19. Research facility / centre with
- State Recognition :01
  - National Recognition :01
  - International Recognition :01
20. Special research laboratories sponsored by / created by industry or corporate bodies or funding agencies -  
**Biomedical Engineering Technology and Innovation Centre.**
21. Publications:
- \* Number of papers published in peer reviewed journals (National / International) - **33 International, 09 National**
  - \* Monographs : Nil
  - \* Chapters in Books : Nil
  - \* Books edited : **Nil**
  - \* Books with ISBN with details of publishers : Nil
  - \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)
  - \* Citation Index - 10.2
  - \* SNIP - 1.03
  - \* SJR - 0.99
  - \* Impact Factor - 1.1
  - \* h-index - 7
22. Details of IPR and income generated - **Copyright applied for LRM**
23. Areas of consultancy and income generated - **Nil**
24. Details of Clinical Material along with range of clinical services (if applicable)
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad - Nil
26. Faculty serving in
- a) National committees b) International committees c) Editorial Boards d) any other (specify) **Dr. Sohan Selkar , Scientific Committee Member International Conference on Evidence Based Aquatic Therapy 10-12th November 2017**
27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs). - **Medical Education Technology workshop**
28. Student projects
- Percentage of students who have taken up in-house projects including

inter-departmental projects – 10%

- Percentage of students doing projects in collaboration with other universities / industry / institute – 2%

29. Awards / recognitions received at the national and international level by

- Faculty - Nil
- Doctoral / post doctoral fellows - Nil
- Students - Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.-

**Ortho CME**

**Guest lecture by Dr. Yuvraj Singh**

31. Code of ethics for research followed by the departments - **Yes**

**Yes, All research Projects are undertaken after the approval of Institutional Ethical Committee, and Animal Ethical Committee and the guidelines of institutional IPR policy are strictly adhered to.**

32. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. -

**Nil**

33. Student progression NA as the course has been restarted in 2016

<b>Student progression</b>	
UG to PG	
PG to M.Phil, DM / M Ch / DNB	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	
<ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	
Entrepreneurs	

34. Diversity of staff

<b>Percentage of faculty who are Post Graduate</b>	
of the same university	<b>04</b>
from other universities within the State	<b>13</b>
from universities from other States	<b>00</b>
from universities outside the country	<b>00</b>

35. Number of faculty who were awarded M.Phil., DM, M.Ch, Ph.D., D.Sc. and D.Litt. during the assessment period - **Nil**

36. Present details of departmental infrastructural facilities with regard to
- Library - **Yes**
  - Internet facilities for staff and students - **Yes**
  - Total number of class rooms -**05**
  - Class rooms with ICT facility and 'smart' class rooms - **05**
  - Students' laboratories -**02**
  - Research laboratories - **01 (CRL)**
37. List of doctoral, post-doctoral students and Research Associates
- from the host institution/university - **Nil**
  - from other institutions/universities - **Nil**
38. Number of post graduate students getting financial assistance from the university. - **Nil**
39. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.
- Structured feedback was constructed
  - Feedback was obtained from faculty-100%, peer-25%, PG alumini-25%, Dept.PG-100%
  - Based on feedback analysis new program is designed
  - Department committee with two external peers approved the program
  - Program was sent to the Dean's committee
  - Approved by the Academic council
  - Approved by BOM
  - Implementation of program
40. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? - **Yes, Development & Reassessment, Restructuring of Curriculum**
  - students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? - **Restructuring of Curriculum**
  - alumni and employers on the programs offered and how does the department utilize the feedback? - **Change in Syllabus, better working environment**

41. List the distinguished alumni of the department (maximum 10) –  
**Dr. Waqar Naqvi published book titled “ Physiotherapy in Community Health & Rehabilitation”**
42. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts. – **01 by Dr. Yuvraj Singh (to be organized 3 CME)**
43. List the teaching methods adopted by the faculty for different programs including clinical teaching. **PBL, ITP, Tutorials, ECE, Seminars, Projects & assignments**
44. How does the department ensure that program objectives are constantly met and learning outcomes are monitored? **Feedback**
45. Highlight the participation of students and faculty in extension activities.  
 - **Health Camp, Students are part of Health Team**
46. Give details of “beyond syllabus scholarly activities” of the department. –
- **Involvement of students in NSS activity.**
  - **Personality development program for under graduate.**
  - **Value education**
  - **Personality Development program for post graduate student.**
  - **U G Sensitization in skill lab**
  - **Webinars, video demonstration**
47. State whether the program/ department is accredited/ graded by other agencies? If yes, give details. - **Program is accredited by MSOTPT Council**
48. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. – **Newer Treatment Protocols for cerebral palsy.**
49. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department. –
- Strength: Well established institute with all medical, dental and allied health sciences facilities. Qualified skilled and cooperative staff, Availability of PG guide, well equipped laboratories, good exposure, good academic ambience, good infrastructure, multidisciplinary team approach for patient care, extension activities and health camps.**

**Weakness:** Local language barrier for few staff. High quality Research Publications and Funding Projects.

**Opportunities:** Availability of In-service Higher Education Programs (M.Phil, Fellowships, Ph.D), Institution is accessible to rural and urban population. Exposure of students to speciality clinics.

**Challenges:** Lack of awareness among rural population.

50. Future plans of the department :

Capacity Building workshop will be conducted, ,

Starting of Doctoral Program