DATTA MEGHE

INSTITUTE OF HIGHER
EDUCATION & RESEARCH

(DEEMED TO BE UNIVERSITY)

LEARN. LEAD.

INFORMATION BROCHURE

SCHOOL OF
ALLIED SCIENCES

Sawangi (Meghe), Wardha
www.dmiher.edu.in

Kaleidoscope of DMIHER (DU)

NAAC A++ (4 Cycles)

NIRF
39th - DMIHER
25th - JNMC
17th - SPDC
(2023)

150+ Superspeciality PhD Fellowship

140+ Programs Offered

10,000+ Students

>2700 Tertiary Beds

14 Consitutent Colleges

9 Teaching Hospital Units

3 NABL Accreditated Labs

5 NABH Accredited Hospitals/ Committees

14 Centres of Excellence

Nodal Centre NMC NCISM AMEE

225+ Adjunct Faculties

140+ Systematic Review

115+ Patents Granted

>10,000 Publications

1250+ Copyrights Registered

50+ International Collaborations

360+ Funded Research Projects

50000+ Alumni Base

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 for the benefit of the mankind.'

MISSION

DMIHER(DU) 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.

Datta Meghe Institute of Higher Education & Research (Deemed to be University) was granted the status of 'Deemed To Be University' by Ministry of Human Resource Development on 24th May, 2005 under Section 3 of the UGC Act. 1956. Located in Sawangi Meghe, Wardha, approx. 80 km from Nagpur (Maharashtra), India, DMIHER (DU) provides an excellent ambience for quality education in fields of Medicine, Dentistry, Nursing, Ayurved, Physiotherapy, Allied Health Sciences, Allied Sciences, Engineering, Commerce, Science and Advanced Studies. Away from the hassles of the city, this spawling, pleasant, green and peaceful 125-acre campus is a self-sustaining complex, well-connected by road, rails and air (via Nagpur) to all major cities in India. DMIHER (DU), recently, established its off-campus college at Nagpur, the second capital of Maharashtra in 2019.

About DMIHER

OUR INSPIRATION

Hon'ble Shri. Dattaji Meghe
Chancellor-DMIHER (DU)
Ex-Member of Parliament
(Lok Sabha / Rajya Sabha)

Shri. Dattaji Meghe, the Founder and Chancellor of Datta Meghe Institute of Higher Education & Research (Deemed to be University), has been active in public life for more than 40 years. He represented the people of Maharashtra in Lok Sabha for three consecutive terms and was also a member of Rajya Sabha. He strongly believed that quality Education and Health only can bring about true transformation in the country. The "son of the soil" made a humble beginning in the fond memory of his beloved mother and started a medical college under the then Shrimati Radhikabai Meghe memorial medical trust, 30 years ago. Since then because of his vision and committed efforts the Institution has grown leaps and bounds by adding new courses and expanding its 'state of the art' infrastructure to the present monumental proportions.

Apart from the DMIHER(DU) under his leadership chain of CBSE schools, engineering colleges, banks, Spinning mills, IT firms were established under various sister concerns. The entire spectrum of KG to PG was completed under his leadership which has created new benchmarks of quality.

Name of the Public Trust-
Datta Meghe Institute of Higher Education & Research, Nagpur.

Number in the Registration Book of the Public Trusts-
E- 1260 (Nagpur)

STATUTORY OFFICERS

Dr. Vedprakash Mishra
Pro-Chancellor & Chief Advisor

Dr. Lalitbhushan Waghmare
Vice-Chancellor

Dr. Gaurav Mishra
Pro-Vice-Chancellor

Dr. Sweta Kale Pisulkar
Registrar

Dr. Tripti Waghmare
Executive Director

Dr. Quazi Syed Zahiruddin
Executive Director (R&D)

Dr. Rajiv Borle
Director General (Admin)

Dr. Abhyuday Meghe
OSD, AVBRH

DEAN-ACADEMICS

Prof. (Dr.) Pankajkumar Anawade
Faculty of Commerce & Management Sciences

Prof. (Dr.) Chitra Dhawale
Faculty of Science & Technology

CONSTITUENT COLLEGES

Faculty of Commerce & Management Sciences

- Jawaharlal Nehru Medical College
- Sharad Pawar Dental College & Hospital
- Smt. Radhikabai Meghe Memorial College of Nursing
- Datta Meghe College of Pharmacy
- Faculty of Engineering & Technology

Faculty of Science & Technology

- Datta Meghe Medical College
  (Off Campus Centre at Wanadongri, Nagpur)
- Mahatma Gandhi Ayurved College Hospital & Research Centre
- Ravi Nair Physiotherapy College
- School of Allied Health Sciences
- Centre for Distance & Online Education

- School of Epidemiology & Public Health

MILESTONES

- DMIHER granted status of Deemed University by UGC on 24th May 2005
- Conferred 'A' Grade status by Ministry of HRD, Govt. of India in May 2013
- Placed in Category 1 of Deemed Universities as per UGC for grant of graded autonomy regulations 2018
- Ranked in band "Excellent" of ARIIA rankings
- NIRF

nirf RANKING 2023 — **17** Dental College | **25** Medical College | **39** University

- Numerous international and national recognitions, awards & collaborations in research, community service and faculty development
- Competency and Outcome based Education in all Academic Programs
- Research with 10,0000+ Publications in last 3 years and 97 Patents
- School of Simulation and Experiential Learning
- Range of VAC for Creative and Divergent skills
- NMC Nodal Faculty Training Centres
- Centre for Career Enhancement
- Sustainable Development Goals
- Clinical Trails Division

WHY DMIHER (DU)

8000+	Graduates & Postgraduates are practicing in more than 25+ countries in the Healthcare system	**2500+**	Bedded Super Speciality Teaching Hospitals
125+	Acre Lush Green Campus	**65%**	Bedded Super Speciality Teaching Hospitals
50+	Collaborations with top institutions across the world	**30+**	Years of producing qualified graduates in Indian and Global Healthcare Systems
10+	Countries from where Students are on DMIHER (DU) Campus	**85+**	Doctoral Programs
9+	Hospitals on and off Campus	**150+**	Multidisciplinary Programs

SALIENT FEATURES

- Research Intensive Focus
- Simulation Based Learning
- Implementation of NEP-2020
- AICTE/UGC Approved Programs
- Degree from NAAC A++ University
- Access to 5000+ Coursera Courses
- Access to Harvard Business Case Studies
- 100% Complete Assistance in Training and Placements
- Access to industry project and social immersion projects
- Self Sustained Campus Infrastructure Augmented Facilities
- Case based Pedagogy and Curriculum as per Industry Demands
- Career by Choice: Get to choose from wide range of Specializations
- Semester Long Industrial Internship for excellent practical exposure
- Learn latest technologies like Full Stack Web Development, R Programming, Python Programming, Data Science, Business Intelligence, AI & ML, etc.

Reasons To Choose DMIHER(DU)

As a student, you have to constantly make choices and decisions, as you navigate the tricky route from being a student to being gainfully and meaningfully employed. DMIHER(DU) has made your life a little easier by putting together a 'learning and living experience' that has the best of everything. We have taken out the guess work and the task of figuring out the invisible, by replacing it with a quiet, but eloquent reassurance of quality and value.

1. Self Sustained Campus

125-acre lush green campus, with all facilities, connected through multiple transport modes

2. Expert Faculty

Highly qualified and experienced faculty, in sync with industry standards

3. Infrastructure Augmented Facilities

Sprawling campus with many colleges onsite. Comprehensive learning & recreational facilities

4. Diverse Cultural Milieu

Attracts students and faculty from all over the country - and from 12 countries

5. Research Intensive Focus

Multi-disciplinary focus on research with a proven track record of patents, copyrights and published research papers

6. Simulation Based Learning

High tech modern amenities enables students to take a leap from books and visual based learning to real life experience.
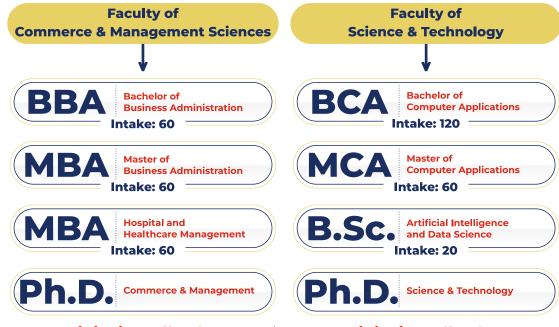
7. Global Collaboration & Linkages

The University offers collaboration and networking with almost all leading universities globally. Our students are a part of multiple eminent consortia of national and international importance.

SCHOOL OF ALLIED SCIENCES

About SAS

Faculty of Commerce & Management Sciences

BBA — Bachelor of Business Administration — Intake: 60

MBA — Master of Business Administration — Intake: 60

MBA — Hospital and Healthcare Management — Intake: 60

Ph.D. — Commerce & Management

Faculty of Science & Technology

BCA — Bachelor of Computer Applications — Intake: 120

MCA — Master of Computer Applications — Intake: 60

B.Sc. — Artificial Intelligence and Data Science — Intake: 20

Ph.D. — Science & Technology

MBA Specializations Offered:

- Financial Management
- Marketing Management
- Information Technology
- Operations Management
- Agro Business Management
- Human Resource Management
- International Business Management
- Hospital and Healthcare Management

BBA Specializations Offered:

- IT and Systems
- Financial Management
- Marketing Management
- Foreign Trade Management
- Human Resource Management
- Hospital and Healthcare Management
- Supply Chain and Logistics Management

The **School of Allied Sciences (SAS)** Wardha provides a perfect blend of wisdom and experience to young minds. It has a legacy in creating intellectual, responsible, and society-centric Management and the professionals, who believe that leadership & innovation can be pioneered with a responsible touch.

This institution brings a unique combination of state-of-the-art infrastructure, proven learning strategies, and committed faculty, who encourage collaboration, teamwork, and hands-on world-class corporate learning. SAS comprehends the need for pre-eminence in higher education to build the future of tomorrow. This institution offering various programs catering towards the development of its students into future-ready international level. Individuals with courses catering towards management and technical education, it transforms its students into professionals, trained to control, manage and excel in companies working on the international level.

This institution is affiliated to the Datta Meghe Institute of Higher Education and Research DMIHER(DU) and the university was granted the status of a Deemed-to-be University, by the University Grants Commission on 24th May 2005. It has also been included in the list of Deemed-to-be Universities under 12 B of the UGC Act, 1956 also this University is accredited by NAAC A++ [CGPA 3.78].

The School of Allied Sciences is ensure to pursue :

- Quality education as a component of knowledge transfer.
- Developing technical personnel in line with international norms.
- Producing qualified experts using all-encompassing techniques
- Executing conferences, seminars, and workshops for skill development and growth.
- Achieving goals with outstanding amenities.

BACHELOR OF BUSINESS ADMINISTRATION (BBA)

ABOUT PROGRAMME

› The Students of the BBA Program will have theoretical knowledge and demonstrate application of management principles in a professional work setting. The Students will think independently, analytically through the process of research and inquiry while making effective decisions in global environment. This Program Cultivates in the students the values and attitudes that make them agents of social change and students can strategically evaluate when and how to use assertiveness and powerful skills. The BBA Students will be able to show communication skills that encourage and strengthen the performance of management and students would have the constructive insights and skills to develop effective management and business networks. The Management Program students will be able to review and criticize organizational attempts to behave in an ethical and responsible manner.

ELIGIBILITY CRITERIA

› The candidate should have passed Higher Secondary (10+2)

   OR

› Equivalent Examination recognized by any Indian University with minimum Passing criteria in any qualifying Examination

   AND

› Qualifying DMIHER CET-2024 / MAH-BBA CET-2024 (with Non-Zero Score)

BBA CURRICULUM

SEMESTER-I

Sr. No.	Course Code	Theory Paper/Practical
1.	BBA101	Business Communication
2.	BBA102	Business Mathematics & Statistics
3.	BBA103	Financial Accounting
4.	BBA104	Managerial Economics
5.	BBA105	Management Science
6.	BBA106	Generic Elective - I
7.	BBA107	Fundamental of Excel
8.	BBA108	Contemporary English

SEMESTER-II

Sr. No.	Course Code	Theory Paper/Practical
1.	BBA201	Managerial Ethics
2.	BBA202	Principles of Finance
3.	BBA203	Basics of Cost Accounting
4.	BBA204	Business Research Methodology
5.	BBA205	Business Environment & Entrepreneurship
6.	BBA206	Generic Elective - II
7.	BBA207	Advanced Excel
8.	BBA208	Environmental Studies

SEMESTER-III

Sr. No.	Course Code	Theory Paper/Practical
1.	BBA301	Fundamentals of Marketing Management
2.	BBA302	Fundamentals of Financial Management
3.	BBA303	Fundamentals of Human Resource Management
4.	BBA304	Business Laws
5.	BBA305	Generic Elective - III
6.	BBA306	Mini Project
7.	BBA307	IT in Management
8.	BBA308	Communication Through Theatre Technique

SEMESTER-IV

Sr. No.	Course Code	Theory Paper/Practical
1.	BBA401	Production & Operation Management
2.	BBA402	Business Taxation
3.	BBA403	Corporate Governance & Ethics
4.	BBA404	Entrepreneurship
5.	BBA405	Counselling & Negotiation Skills
6.	BBA506	Social Immersion Project

SEMESTER-V

Sr. No.	Course Code	Theory Paper/Practical
1.	BBA501	Operation Research
2.	BBA502	MM/FM/HR/HC/SCLM/FTM/IT
3.	BBA503	MM/FM/HR/HC/SCLM/FTM/IT
4.	BBA504	MM/FM/HR/HC/SCLM/FTM/IT
5.	BBA505	Effective Presentation Skills
6.	BBA506	Outbound Experiential Learning Project

SEMESTER-VI

Sr. No.	Course Code	Theory Paper/Practical
1.	BBA601	MM/FM/HR/HC/SCLM/FTM/IT
2.	BBA602	MM/FM/HR/HC/SCLM/FTM/IT
3.	BBA603	Internship Project

BBA Specializations Offered:

- **IT and Systems (IT)**
- **Financial Management (FM)**
- **Marketing Management (MM)**
- **Foreign Trade Management (FTM)**
- **Human Resource Management (HR)**
- **Hospital and Healthcare Management (SC)**
- **Supply Chain and Logistics Management (SCLM)**

MASTER OF BUSINESS ADMINISTRATION (MBA)

ABOUT PROGRAMME

❯ The two-year regular MBA is designed with Eleven industry exposure and eight domain specialization to enable students to link the profession with passion. Becoming a "Specialist" with an industry of choice allow learners to choose "Career by Choice". The CIFA model is designed to develop quality degree programs.

❯ **Co-creation:** The front-end alignment to enhance learning excellence and the back-end alignment to ensure career excellence with global academic partners and hiring organisations makes this program highly engaging and exciting.

❯ **Innovation:** The integrated industry program is designed to introduce students to the current needs and requirements of the fast-growing primary sector globally and is aligned to prepare the students through the concept of knowing, doing and being.

❯ **Focus:** The programme is designed for the students who intend to acquire and/or upgrade business knowledge & skills, sectorial exposure and Domain expertise.

❯ **Alignment:** The integration of local and global requirements and required competencies and attributes to develop while undergoing the program ensures the highest ROI and lifelong learning.

ELIGIBILITY CRITERIA

❯ Candidate must have passed a degree of minimum 3 years duration.

❯ Obtained at least 50% marks (45% marks in case of candidates belonging to reserved category) in the Qualifying Examination. **AND/OR**

❯ Qualifying DMIHER CET-2024 / MAH-MBA CET-2024 / CAT-2024 / CMAT-2024 / MAT-2024 (with Non-Zero Score) / Any National OR State Level Management Entrance Examination in the year 2024.

❯ The candidates who have completed graduation or are appearing in their final year are eligible to apply.

MBA CURRICULUM

SEMESTER-I

Sr. No.	Course Code	Theory Paper/Practical
1.	MBA101	Managerial Economics
2.	MBA102	Financial Accounting
3.	MBA103	Business Research Methodology
4.	MBA104	Principles & Practices of Management
5.	MBA105	Organisational Behaviour
6.	MBA106 (GE-I)	Advanced Career Excellence I
7.	MBA107 (SECC)	Computer Application for Business
8.	MBA108 (SECC)	Business Communication
9.	MBA 109 (AECC)	Communication Through Theatre Technique

SEMESTER-II

Sr. No.	Course Code	Theory Paper/Practical
1.	MBA201	Operation Management
2.	MBA202	Financial Management
3.	MBA203	Marketing Management
4.	MBA204	Human Resource Management
5.	MBA205	Legal & Business Environment
6.	MBA206 (GE-II)	Advanced Career Excellence II
7.	MBA207 (SEC)	Business Mathematics
8.	MBA208 (SEC)	Excel For Managers
9.	MBA 209 (AECC)	Outbound Experiential Learning Project

SEMESTER-III

Sr. No.	Course Code	Theory Paper/Practical
1.	MBA301	Corporate Strategy
2.	MBA302	Entrepreneurship Management
3.	MBA303	Corporate Governance & Business Ethics
4.	MBA304	Discipline Specific Elective I
5.	MBA305	Discipline Specific Elective II
6.	MBA306	Discipline Specific Elective III
7.	MBA307	Discipline Specific Elective IV
8.	MBA308	Internship Project

SEMESTER-IV

Sr. No.	Course Code	Theory Paper/Practical
1.	MBA401	Discipline Specific Elective V
2.	MBA402	Discipline Specific Elective VI
3.	MBA403	Industry Project (6 Months Internship)

MBA Specializations Offered:

- **Financial Management (FM)**
- **Marketing Management (MM)**
- **Information Technology (IT)**
- **Operations Management (OM)**
- **Agro Business Management (ABM)**
- **Human Resource Management (HRM)**
- **International Business Management (IBM)**
- **Hospital and Healthcare Management (HC)**

MBA IN HOSPITAL AND HEALTHCARE MANAGEMENT

ABOUT PROGRAMME

❯ The two-year regular MBA in Hospital and Healthcare Management is designed to enable students to link the profession with passion in Healthcare Industry. Becoming a "Specialist" with an industry of choice to allow learners to choose "Career by Choice". The CIFA model is designed to develop quality degree programs.

❯ Co-creation: The front-end alignment to enhance learning excellence and the back-end alignment to ensure career excellence with global academic partners and hiring organisations makes this program highly engaging and exciting.

❯ Innovation: The specific Healthcare industry program is designed to introduce students to the current needs and requirements of the fast-growing Healthcare domain globally and is aligned to prepare the students through the concept of knowing, doing and being.

❯ Focus: The programme is designed for the students who intend to acquire and/or upgrade business knowledge & skills, sectorial exposure and in Hospital Management with the intensive expertise.

❯ Alignment: The integration of local and global requirements and required competencies and attributes to develop while undergoing the program ensures the highest ROI and lifelong learning.

ELIGIBILITY CRITERIA

❯ Candidate must have passed a degree of minimum 3 years duration.

❯ Obtained at least 50% marks (45% marks in case of candidates belonging to reserved category) in the Qualifying Examination. **AND/OR**

❯ Qualifying DMIHER CET-2024 / MAH-MBA CET-2024 / CAT-2024 / CMAT-2024 / MAT-2024 (with Non-Zero Score) / Any National OR State Level Management Entrance Examination in the year 2024.

❯ The candidates who have completed graduation or are appearing in their final year are eligible to apply.

MBA HHM CURRICULUM

SEMESTER-I

Sr. No.	Course Code	Theory Paper/Practical
1.	MBA101	Principles & Practice of Management
2.	MBA102	Financial Accounting
3.	MBA103	Business Research Methodology
4.	MBA104	Health Economics
5.	MBA105	Hospital Planning
6.	MBA106 (GE-I)	GE -I
7.	MBA107 (SEC)	Computer Application for Business
8.	MBA108 (SECC)	Business Communication
9.	MBA 109 (AECC)	Communication through Theatre Technique

SEMESTER-II

Sr. No.	Course Code	Theory Paper/Practical
1.	MBA201	Operation Management in Healthcare
2.	MBA202	Financial Management in Healthcare
3.	MBA203	Digital Marketing in Healthcare
4.	MBA204	Human Resource Management in Healthcare
5.	MBA205	Legal & Business Environment
6.	MBA206 (GE-II)	GE-II
7.	MBA207 (SEC)	Business Mathematics
8.	MBA208 (SEC)	Excel For Managers
9.	MBA 209 (AECC)	Outbound Experiential Learning Project

SEMESTER-III

Sr. No.	Course Code	Theory Paper/Practical
1.	MBA301	Hospital Support System
2.	MBA302	Fundamentals of Hospital Administration
3.	MBA303	Public Health & Policy Issues
4.	MBA304	Introduction to Medicine
5.	MBA305	Material & Inventory Management
6.	MBA306	Strategic Management in Healthcare
7.	MBA307	Healthcare Policy & Patient Safety
8.	MBA308	Community Health Epidemiology & Population Management

SEMESTER-IV

Sr. No.	Course Code	Theory Paper/Practical
1.	MBA401	Internship Project (6 Months Duration)

BACHELOR OF COMPUTER APPLICATIONS (BCA)

ABOUT PROGRAMME

❯ The three-year regular BCA is designed with programming skills and software domain specialisation to enable students to link the profession with passion. Becoming a "Specialist" with industry of choice allow learners to choose "Career by Choice". The CIFA model is designed to develop quality degree programs.

❯ Co-creation: The front-end alignment to enhance learning excellence and the back-end alignment to ensure career excellence with global academic partners and hiring organisation makes this programme highly engaging and exciting.

❯ Innovation: The integrated industry programme is designed to introduce students to the current needs and requirements of the fast-growing primary sector globally and is aligned to prepare the students through the concept of knowing, doing and being.

❯ Focus: The programme is designed for the students who intend to acquire and/or upgrade business knowledge & skills, sectorial exposure and Domain expertise.

❯ Alignment: The integration of local and global requirements and required competencies and attributes to develop while undergoing the program ensures the highest ROI and lifelong learning. A comprehensive three-year, UG degree programme aims to create future Programmers.

❯ The programme is meant for students passionate to pursue a career by choice.

ELIGIBILITY CRITERIA

❯ The candidate should have passed Higher Secondary (10+2)

OR

❯ Equivalent Examination recognized by any Indian University with minimum 45% Marks (40% for Reserved Categories) in any Qualifying Examination.

AND

❯ Qualifying DMIHER CET-2024 / MAH-BCA CET-2024 (with Non-Zero Score)

BCA CURRICULUM

SEMESTER-I

Sr. No.	Course Code	Theory Paper/Practical
1.	BCA101	Foundational Mathematics
2.	BCA102	Digital Computer Fundamentals
3.	BCA103	Programming Concepts Using C
4.	BCA104	Digital Electronics
5.	BCA105	Web Development
6.	BCA106	Web Development Lab
7.	BCA107	Programming Concepts Using C Lab
8.	BCA108	Communication Skills/ English

SEMESTER-II

Sr. No.	Course Code	Theory Paper/Practical
1.	BCA201	Discrete Mathematics
2.	BCA202	Database Management Systems
3.	BCA203	Object Oriented Programming using C++
4.	BCA204	Operating Systems
5.	BCA205	Data Structure & Algorithm
6.	BCA206	Database Management Systems Lab
7.	BCA207	DS Using C++ Lab
8.	BCA208	IEGCE-1 (MTC-M365) (Certification Course)
9.	BCA209	Environmental Science- Grading

SEMESTER-III

Sr. No.	Course Code	Theory Paper/Practical
1.	BCA301	Statistics & Probability
2.	BCA302	Theory of Computation
3.	BCA303	Computer Networks
4.	BCA304	Java Programming
5.	BCA305	Enterprise Resource Planning (with MIS)
6.	BCA306	Computer Networks Lab
7.	BCA307	Java Programming Lab
8.	BCA308	Capstone Project

SEMESTER-IV

Sr. No.	Course Code	Theory Paper/Practical
1.	BCA401	Distributed Database Management Systems
2.	BCA402	Artificial Intelligence
3.	BCA403	Object Oriented Modelling and Design
4.	BCA404	Cloud Computing
5.	BCA405	Bootstrap Programming
6.	BCA406	Bootstrap Programming Lab
7.	BCA407	Object Oriented Modelling and Design Lab
8.	BCA408	IEGCE (Database Fundamentals)

SEMESTER-V

Sr. No.	Course Code	Theory Paper/Practical
1.	BCA501	Data Mining and Data Warehousing
2.	BCA502	Software Engineering
3.	BCA503	Organisation Behaviour
4.	BCA504	Python Programming
5.	BCA505	Elective 1: Mobile Applications Using Android Elective 1: Multimedia Applications
6.	BCA506	Python Programming Lab
7.	BCA507	Data Mining and Data Warehousing Lab
8.	BCA508	IEGCE (MTA – PYTHON)

SEMESTER-VI

Sr. No.	Course Code	Theory Paper/Practical
1.	BCA601	Introduction to Cyber Security
2.	BCA602	Software Testing
3.	BCA603	Elective 2: Introduction to Data Science Elective 2: Big Data Analytics
4.	BCA604	Project/ Internship

IEGCE- Industry Enabled Global Certification Electives

BACHELOR OF SCIENCE IN ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (B.Sc. AI & DS)

ABOUT PROGRAMME

❯ This three year program Bachelor of Science in Artificial Intelligence and Data Science, is designed and introduced by University to bridge the gap between academics and recent trends in industry. This program will produce employable graduate in Science & technology which will enable the industry to grow and the graduates to become successful in the field of Artificial Intelligence and Data science.

ELIGIBILITY CRITERIA

❯ The candidate should have Passed Higher Secondary (10+2) **OR**

❯ Equivalent Examination recognized by any Indian University **OR**

❯ A duly constituted Board with passing marks in Mathematics or Statistics.

❯ Obtained at least 45% marks (40% marks in case of candidates belonging to reserved category) in the Qualifying Examination

BSc. AI & DS CURRICULUM

SEMESTER-I

Sr. No.	Course Code	Theory Paper/Practical
1.	BSDS101	Discrete Mathematics
2.	BSDS102	Digital Computer Fundamentals
3.	BSDS103	Statistics & Probability
4.	BSDS104	Principles of Data Science
5.	BSDS105	Python Programming
6.	BSDS106 (PR-1)	Data Analysis Using Advance Excel Lab
7.	BSDS107 (PR-2)	Python Programming Lab
8.	BSDS108	Communication skills/ English

SEMESTER-II

Sr. No.	Course Code	Theory Paper/Practical
1.	BSDS201	Digital Electronics
2.	BSDS202	Operating Systems
3.	BSDS203	Introduction to AI
4.	BSDS204	Data Structure
5.	BSDS205	Probability Models (Discrete and Continuous Data)
6.	BSDS206 (PR-1)	Data Structures Lab
7.	BSDS207 (PR-2)	R Programming and Statistical Modelling Lab
8.	BSDS208	Environmental Science

SEMESTER-III

Sr. No.	Course Code	Theory Paper/Practical
1.	BSDS301	Principles of Machine Learning
2.	BSDS302	Applied Linear Algebra
3.	BSDS303	Optimization Techniques
4.	BSDS304	Object Oriented Programming Using Java
5.	BSDS305	Database Management Systems
6.	BSDS306 (PR-1)	Database Management Systems Lab
7.	BSDS307 (PR-2)	Java Programming Lab
8.	BSDS308	Computer Vision & Image Processing (MOOC)

SEMESTER-IV

Sr. No.	Course Code	Theory Paper/Practical
1.	BSDS401	Data Analytics
2.	BSDS402	Artificial Intelligence & Knowledge Presentation
3.	BSDS403	Statistical Inference
4.	BSDS404	Web Technologies
5.	BSDS405	Software Engineering
6.	BSDS406 (PR-1)	Artificial Intelligence Lab
7.	BSDS407 (PR-2)	Web Technologies Lab
8.	BSDS408	IEGCE (Administer Oracle Cloud Database or MTA – Java)

SEMESTER-V

Sr. No.	Course Code	Theory Paper/Practical
1.	BSDS501	Big Data Programming
2.	BSDS502	Artificial Neural Networks and Deep Learning
3.	BSDS503	Technologies in Data Science
4.	BSDS504	Block-chain with AI Internet of Things (IoT)
5.	BSDS505	Data Warehousing & Mining
6.	BSDS506 (PR-1)	Big Data Programming Lab
7.	BSDS507 (PR-2)	Deep Learning Models Lab
8.	BSDS508	IEGCE (Microsoft Azure AI and Data Certifications or Big Data - Implementation Essentials)

SEMESTER-VI

Sr. No.	Course Code	Theory Paper/Practical
1.	BSDS601	AI in Cloud Computing
2.	BSDS602	Web Analytics
3.	BSDS603	Project & Seminar
4.	BSDS604	Data Security Cyber Security
5.	BSDS605	Internship

IEGCE- Industry Enabled Global Certification Electives

MASTER OF COMPUTER APPLICATIONS (MCA)

ABOUT PROGRAMME

❯ The program revolves around the field of Computer and Computer Applications which is essentially about storing processing securing and managing information. Students will be trained to empower them with new and upcoming technologies and will learn how to analyze computer problems and system performance manage large amounts of data provide quality customer service and maintain a safe secure network system. This programme is useful to develop skills in network design, computational theory and computer systems programming

ELIGIBILITY CRITERIA

❯ Passed BCA/ Bachelor Degree in Computer Science Engineering **OR** Equivalent Degree **OR** Passed B.Sc. / B.Com./ B.A. with Mathematics at 10+2 Level **OR** at Graduation Level (with Additional Bridge Courses as per the norms of the University)

❯ Obtained at least 50% marks (45% marks in case of candidates belonging to reserved category) in the Qualifying Examination **AND/OR**

❯ Qualifying DMIHER-CET-2024 / MAH-MCA CET-2024 (with Non-Zero Score) / National or State Level Management Entrance examination in the year 2024.

❯ The candidates who have completed or are appearing in their final year are eligible to apply.

MCA CURRICULUM

SEMESTER-I

Sr. No.	Course Code	Theory Paper/Practical
1.	MCA101	Mathematical Logic Combination & Graph Theory
2.	MCA102	Advanced Software Engineering
3.	MCA103	UI Frameworks
4.	MCA104	Front End Development & Programming
5.	MCA105	Database Design Development
6.	MCA106 (PR-1)	Front End Development & Programming Lab
7.	MCA107 (PR-2)	Database Design Development Lab
8.	MCA108	Business Communication

SEMESTER-II

Sr. No.	Course Code	Theory Paper/Practical
1.	MCA201	Applied Machine Learning
2.	MCA202	Statistical Data Analytics with R
3.	MCA203	Reinforcement Learning Develop Enterprise Application
4.	MCA204	Deep Learning Application integration
5.	MCA205	Software Testing and Quality Assurance
6.	MCA206 (PR-1)	Machine Learning Lab
7.	MCA207 (PR-2)	R programming Lab
8.	MCA208	Research Methodology with Writing Research Paper

SEMESTER-III

Sr. No.	Course Code	Theory Paper/Practical
1.	MCA301	AI Implementation Capstone Project

SEMESTER-IV

Sr. No.	Course Code	Theory Paper/Practical
1.	MCA401	In Plant Project Work and Seminar / Company Internship

FACULTY PROFILE
COMMERCE & MANAGEMENT SCIENCES

Prof. (Dr.) Pankajkumar Anawade
BE(Mech.), MBA (Marketing),
Ph.D. (Managment)
Dean (Academics), HOD, Professor
Experience - 18 years

Prof. (Dr.) Deepak Sharma
MBA (Finance), M.Com., LLB,
DLL, LL.M, M.Phil., Ph.D.
Vice-Dean Research & Development (R&D),
Mentor Ph.D. Commerce & Management
Experience - 18 years

Dr. Michael Savariapitchai
MBA (HR & Marketing), Ph.D.
Assistant Professor
Experience - 14 years

Dr. Vijeyandra Shahu
M.Com., Ph.D.
Assistant Professor
Experience - 13 years

Mr. Amol Mashankar
MBA (HR), M.Com., DBM, DFM
Assistant Professor
Experience - 20 years

Mr. Chetan Parlikar
M.Com., M.A. (Economics),
GDCA, Ph.D. (Pursuing)
Assistant Professor
Experience - 4 years

Mr. Pravin Bhagat
MA. (English), M.A. (Marathi)
Assistant Professor
Experience - 12 years

Ms. Shiwani Wagh
B.Com, MBA (Finance)
Assistant Professor

FACULTY PROFILE
SCIENCE & TECHNOLOGY

Prof. (Dr.) Chitra Dhawale
M.Sc. (CS), M.Tech. (Data Science),
Ph.D. (CS)
Dean Academics, Professor
Experience - 27 years

Ms. Supriya Narad
B.E.(CSE), M.Tech. (CSE),
Ph.D. (AI ML- Pursuing)
HOD, Assistant Professor
Experience - 13 Years

Ms. Pranjali Ulhe
B.E.(CSE), M.Tech. (CSE),
PhD (CSE - Pursuing)
Assistant Professor
Experience - 16 Years

Mr. Shailesh Gahane
B.Sc., MCA, Ph.D. (CS- Pursuing)
Assistant Professor
Experience - 13 Years

Ms. Reena Satpute
B.E.(IT), M.Tech.(CSE),
Ph.D. (CSE - Pursuing)
Assistant Professor
Experience - 17 Years

Ms. Mona Dekate
B.Sc. (Mathematics),
M.Sc. (Mathematics), Ph.D. (Pursuing)
Assistant Professor
Experience - 9 Years

Mrs. Kalyani Satone
B.E. (C.S.E), M.E. (C.S.E)
Ph.D. (C.S.E - Pursuing)
Assistant Professor
Experience - 19 Years

Mr. Sudhir Agarmore
M.Sc. (CS), NET, SET,
Ph.D. (CS - Pursuing)
Assistant Professor
Experience - 20 Years

Mr. Atul Thaware
MCA, M.Sc.(CS),
Ph.D. (IOT using AIS - Pursuing)
Assistant Professor
Experience - 6 Years

Mr. Saurabh Nimje
M.Sc. (Statistics),
Certification in Data Science and Data Analysis
Assistant Professor

FACULTY AWARDS
COMMERCE AND MANAGEMENT SCIENCES

Name(s) of Faculty/Student	Title ofthe Award (s)	State /National/ International	Name of the agency /agencies that awarded /Recognitions
Dr. Pankajkumar Anawade	1. Best researcher award 2022	National	Global Research & Training Forum & Blue Ocean Steels, Pune
	2. Best Paper Award 2023	International	Intelligent Technologies for Sustainable Energy Management and Control 2023, Nagpur, Maharashtra
Dr. Deepak Sharma	1. Certificate of Appreciation 2016	National	Department of Management, GHRIBM, Jalgaon
	2. Best Teacher Award 2018	International	Junior Chamber International (ICT), India.
	3. Certificate of Appreciation 2023	National	Department of Management, GHRIBM, Jalgaon
	4. Best Teacher Award 2022	National	Datta Meghe Institute of Higher Education and Research(DU), Sawangi (M.), Wardha
	5. Best Teacher Award (Guru Shreshta Award) 2023	National	Datta Meghe Institute of Higher Education and Research(DU), Sawangi (Meghe), Wardha
	6. Award of Excellence in Research 2023	National	Novel Research Academy
	7. Best Paper Award 2023	International	YCCE, National Conference

FACULTY AWARDS
SCIENCE AND TECHNOLOGY

Name(s) of Faculty/Student	Title ofthe Award (s)	State /National/ International	Name of the agency /agencies that awarded /Recognitions
Mr. Shailesh Gahane	1. "APJ PLE Long Term Project Training" at Pune and Mumbai 2012	National	Eclerx Services Ltd. Pune
	2. Best Teacher Award 2015 and 2017	College	Lion's Club of Poona Pride
	3. Upakramshil Shikshak 2018	National	Lion's Club of Poona Pride
	4. Best Teacher Award 2022	National	Datta Meghe Institute of Higher Education and Research, Sawangi, Wardha
Ms. Supriya Narad	1. Best Paper Award in IEEE Conference 2015	International	ICACEA, at IMS Engineering College, Ghaziabad (UP), India
	2. Best Faculty Award 2023	National	Datta Meghe Institute of Higher Education and Research, Sawangi, Wardha
Ms. Reena Satpute	1. Best Class Teacher Award 2017 - 20218	College	Suresh Deshmukh College of Engineering, Selukate Wardha, Maharashtra
	2. Resource Person of Faculty Development Programm 2019 - 2020	National	Sarswati Institute of Technology (SIOT), Kharghar, New Mumbai, Maharashtra
	3. Academic Excellence Award 2023	National	Lexicon Group of Institutions, Pune
	4. Young Researcher Award 2023	National	Institute of Scholars

NON TEACHING STAFF

Mrs. Shaila Choudhari
AAO

Mr. Navin Barde
Consultant for CDOE Co-ordinator

Mr. Dipak Tighare
Video Content Developer

Mr. Rahul Mankar
Clerk

Mr. Prashant Manmode
Clerk

Mr. Vishal Hulke
Clerk

OUR INTERNATIONAL STUDENTS

DATTA MEGHE
INSTITUTE OF HIGHER
EDUCATION & RESEARCH
(DEEMED TO BE UNIVERSITY)
LEARN. LEAD.

SAS ACTIVITY

Workshop on "Full Stack Development–I"

Value Added Course on "Web Technology-I"

"Prakriti Event" on the theme "Save birds"

Prevention and Redressal of Sexual Harassment

Seminar on "Carrer in Java"

"Industrial Visit"

Webinar on "Top Trends in Industry"

"Poster Making Competitions" on Mother's Day

"Student's Grievance Redressal Cell"

Seminar on "How to Write Research Paper"

Orientation Session on "Patent FEST"

NPTEL Awareness E-Workshop Program

"Get Set Go" Program

Celebration on "National Science Day"

Celebration on "International Women Day"

Workshop on "AWS Cloud Practitioner"

Workshop on "Power-BI"

Webinar on "Image Processing"

Webinar on "Machine Learning"

Webinar on "Cyber Security"

Seminar on "CV / Resume Writing"

Seminar on "Tableau, Android Programming"

INDUSTRIAL VISITS

INTERNSHIP OPPORTUNITIES

PLACEMENT ACTIVITY

OUR PLACEMENTS WITH

- TCS
- ACCENTURE
- INFOSYS
- HCLTECH
- PAYTM
- PAYONE

- LATA MANGESHKAR HOSPITAL
- SHALINITAI MEGHE HOSPITAL
- NATIONAL CANCER INSTITUTE
- ALLYGROW TECHOLOGIES
- SPARK PHARMACY
- WALTER & MOORE

- AXIS BANK
- HDFC BANK
- ZOLO STAYS
- PUMA
- HCL
- D-MART

- Internship (Paid Internship) - Average Stipend 20,000 per month
- Placement - Average Package 3.2 Lakh per year

Campus life @ SAS, DMIHER (DU)

› **Well Equipped Computer LAB**

› **Central Library**

› **Hostel & Cafeteria**

› **Sport's Centre**

› **Swimming Pool**

› **Hostel Facility within Campus**

CLUB ACTIVITIES

› **Sport Club**

› **Developers Club**

› **Entrepreneurs Club**

› **Quiz & Debate Club**

› **Community Club**

› **Social Media & Blogger Club**

› **Women Empowerment Club**

› **Personality Development Club**

› **Artificial Intelligence & Robotics Club**

DMIHER
LEARN. LEAD.

ADMISSION COORDINATOR

Mr. Shailesh Gahane

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Mr. Amol Mashankar

📞 **9766697369**

✉ amol.mashankar@dmiher.edu.in

For Enquiry, Scan me!!!

📍 **Sawangi (Meghe), Wardha**

🌐 **www.dmiher.edu.in**