



DATTA MEGHE

INSTITUTE OF HIGHER
EDUCATION & RESEARCH

(DEEMED TO BE UNIVERSITY)

LEARN. LEAD.

SDG 17

17.4.2 - Education for SDGs – Specific courses on Sustainability

- a. Special Educative Program covering the following aspects are taught for the graduates of DMIMS in Medical, Nursing, Ayurveda & Physiotherapy education. Few of the competencies included within the curriculum of **Preventive & Social Medicine** in Health professions education related to SDG 3, 5 & 6 are stated as under;

CM 3.1 Describe the health hazards of air, water, noise, radiation and pollution

CM 3.2 Describe concepts of safe and wholesome water, sanitary sources of water, water purification processes, water quality standards, concepts of water conservation and rainwater harvesting

CM 3.3 Describe the aetiology and basis of water borne diseases /jaundice/hepatitis/ diarrheal diseases

CM 3.4 Describe the concept of solid waste, human excreta and sewage disposal

CM 3.5 Describe the standards of housing and the effect of housing on health

CM 3.6 Describe the role of vectors in the causation of diseases. Also discuss National Vector Borne disease Control Program

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- Conferred 'A' Grade status by H.R.D. Ministry Govt. of India
- Re- accredited by NAAC (4th cycle) with A++ Grade (CGPA 3.78)

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CM 3.7 Identify and describe the identifying features and life cycles of vectors of Public Health importance and their control measures

CM 3.8 Describe the mode of action, application cycle of commonly used insecticides and rodenticides

Number	COMPETENCY The student should be able to	Domain K/S/A/C	Level K/KH/ SHIP	Core Y/N	Suggested Teaching learning method	Suggested Assessment method	Number required to certify P	Vertical Integration	Horizontal Integration
CM2.5	Describe poverty and social security measures and its relationship to health and disease	K	KH	Y	Lecture, Small group discussion	Written / Viva voce			
Topic: Environmental Health Problems Number of competencies: (8) Number of procedures that require certification: (NIL)									
CM3.1	Describe the health hazards of air, water, noise, radiation and pollution	K	KH	Y	Lecture, Small group discussion	Written / Viva voce		General Medicine, ENT	
CM3.2	Describe concepts of safe and wholesome water, sanitary sources of water, water purification processes, water quality standards, concepts of water conservation and rainwater harvesting	K	KH	Y	Lecture, Small group discussion, DOAP session	Written / Viva voce			
CM3.3	Describe the aetiology and basis of water borne diseases (jaundice/hepatitis/ diarrheal diseases)	K	KH	Y	Lecture, Small group discussion, DOAP session	Written / Viva voce		Microbiology, General Medicine, Pediatrics	
CM3.4	Describe the concept of solid waste, human excreta and sewage disposal	K	KH	Y	Lecture, Small group discussion	Written / Viva voce			
CM3.5	Describe the standards of housing and the effect of housing on health	K	KH	Y	Lecture, Small group discussion	Written / Viva voce			
CM3.6	Describe the role of vectors in the causation of diseases. Also discuss National Vector Borne disease Control Program	K	KH	Y	Lecture, Small group discussion	Written / Viva voce		Microbiology	
CM3.7	Identify and describe the identifying features and life cycles of vectors of Public Health importance and their control measures	S	SH	Y	Lecture, Small group discussion, DOAP session	Written / Viva voce/ Skill assessment		Microbiology	
CM3.8	Describe the mode of action, application cycle of commonly used insecticides and rodenticides	K	KH	Y	Lecture, Small group discussion	Written / Viva voce		Pharmacology	

Link : <https://www.nmc.org.in/wp-content/uploads/2020/01/UG-Curriculum-Vol-II.pdf>
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- b. There are specific courses on sustainability in various academic programs of the University including ODL & Online programs which specifically focuses on SDG 9. Orientation and training of students in research methodology , generation of evidence and scientific publications are an essential component of graduate outcomes. Sensitizing the students about research methodology during Foundation course in first professional year and hands on experience for research projects and scientific publications during all professional years and internship period are emphasized.

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Undergraduate Research, Publication & Innovation model of DMIMS(DU)

(A focus on SDG 4 & 9)

1st professional	Second Professional	Third Professional	Electives (between third and final prof)	Final year	Internship
Sensitisation: Foundation course Hands - on : i. Research : STS , Intramural research ii. Publication in the form of review article / STS/Intramural research article iii. IPR	Hands - on : i. Research : STS , Intramural research ii. Publication in the form of review article / STS/Intramural research article	Hands - on : i. Research : STS , Intramural research ii. Publication in the form of Case report/ STS/Intramural research article	1st Block elective on research methodology with hands on in any ongoing research project or generation of a patent / copyright.	Hands - on : i. Research : STS , Intramural research ii. Publication in the form of Case report/ STS/Intramural research article	Hands - on : i. Research : Community based research project ii. Publication in the form of article of Community project iii. Patent / Copyright

- Various Industry and career elective courses are designed for ODL & online academic programs with 18-24 credits as an initiative towards realization of SDG 8
- Academic program on BSc in 'Nutrition and Dietetics' is available as an initiative towards realization of SDG 3
- Value added course in Basic Life Support and Advanced Life support is in place. The course is accredited by American heart Association (AHA) as an initiative towards realization of SDG 4.

REGISTRAR

Datta Meghe Institute of Higher Education &
Research (Deemed to be University)
Sawangi (Meghe), WARDHA-442107 (M.S.)

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