

MAHARISHI MARKANDESHWAR (DEEMED TO BE UNIVERSITY)
MULLANA-AMBALA, HARYANA (INDIA), 133-207
 (Established under Section 3 of the UGC Act, 1956)
 (Accredited by NAAC with Grade 'A')

Ph: 0091-1731-274475-78
 Fax: 0091-1731-274495



Website: www.mmmullana.org
 E-Mail: info@mmmullana.org

List and description of courses addressing Gender, Environment and sustainability, Human values and Professional ethics into the curriculum


S. No.	Programme	Course	Description
1.	B.Pharm /M.Pharm /Pharm D	Environmental Sciences	Motivate learner to participate in environment protection and environment
2.	M.Pharm	Hazards and Safety Management	Understand about environmental problems among learners. Impart basic knowledge about the environment and its allied problems
3.	M.Pharm	Quality Control and Quality Assurance	Understand the cGMP aspects in a pharma-ceutical industry
4.	Pharm D	Research Methodology	Ethical guidelines related to Plagiarsm
5.	B Pharm	Jurisprudence	The code of ethics during the pharmaceuticals
6.	M.Sc. Microbiology	Agriculture and Environmental Microbiology	To provide students a basic understanding of environmental and agricultural microbiology including; microbial diversity in the environment in relation to environment and agricultural welfare, ecosystem wellness, microbial interactions with pollutants in the soil and environment
7.	M.Sc. Botany	Plant Ecology and Environment	To understand the environment and basic concept of ecology. Students will be able to differentiate the climatic and edaphic, floral and faunal characteristics of major terrestrial biome. Moreover, the student will have understanding about different types of pollutions and their control measures.

8.	B Tech Biotechnology	Business Intelligence (BI) and its Applications	Student will be confident in oral and written communication skills along with overall personality development.
9.	B.Sc. (Hons.) Biotechnology	Biodiversity and Bio resource Technology	The course is anticipated to provide theoretical knowledge about taxonomy of microorganisms, biodiversity, natural product chemistry, production of commercially valuable bio-products, enzyme discovery, recombinant expression systems, biodiversity and ecology of plants, animals and microorganisms
10.	B.Sc. (Hons.) Biotechnology	Biotechnology and Human Welfare	The course provides a basic knowledge of applications of Biotechnology in industrial and medical fields.
11.	B.Sc. (Hons.) Biotechnology	Bioethics and Biosafety	To introduce basic concepts of ethics and safety that are essential for different disciplines of science and procedures involved and protection of intellectual property and related rights. Moreover, students are able to understand balanced integration of scientific and social knowledge in sustainable development.
12.	B.Sc. (Hons.) Biotechnology	Environmental Biotechnology	The proposed course is designed to teach students the scientific and engineering principles of microbiological treatment technologies to clean up contaminated environments and to generate valuable resources for the human society.
13.	PhD (common to all streams)	Research Ethics, Methodology & Quantitative Methods	Students should be familiar with ethical issues in educational research, including those issues that arise in using quantitative and qualitative research.
14.	B Tech Biotechnology	Business Processes	Student will be confident in oral and written communication skills along with overall personality development.
15.	B Tech Biotechnology	Principle of Management	To introduce the basic concept of organization behaviour in

			industries, professional ethics in management. Also, to develop professional skills, traits and competencies for a successful management.
16.	B.Tech Biotechnology	Entrepreneurship Development & Management	The course will impart ethical value in entrepreneurship development.
17.	B.Tech Biotechnology	Indian Constitution	The student will be able to analyze the History, features of Indian constitution, the role of Governor and Chief Minister, role of state election commission, the decentralization of power between central, state and local self-government. Moreover, the student will also be able to evaluate Preamble, Fundamental Rights and Duties, Zilla Panchayat, block level organization, various commissions of viz SC/ST/OBC and women.
18.	B.Tech Biotechnology	Essence of Indian Traditional Knowledge	This course majorly covers the concept of Traditional knowledge and its importance, the need and importance of protecting traditional knowledge. The student will know the various enactments related to the protection of traditional knowledge, also understand the concepts of Intellectual property to protect the traditional knowledge
19.	B.Tech Biotechnology	Disaster Management	To understand the key perspectives of disasters, hazards and the related concepts using prevention, mitigation, preparedness, response and recovery for disaster risk reduction in all sectors.
20.	BCA/B.Tech/B.Sc./BPT/BHMCT/BSc (HHA)/BFS/MBBS, B.Sc. MLT, B.Sc. Radiography, B.Sc. OTT, B.Sc. Dialysis, B.Sc. Optometry, BASLP/BDS	Environmental Studies	Motivate learner to participate in environmental protection and sustainable environmental solutions.
21.	BPT	Ethics and Law In Physiotherapy	Advances in medical sciences, growing sophistication of the modern society's legal

			framework, increasing awareness of human rights and changing moral principles of the community at large, now result in frequent occurrences of healthcare professionals being caught in dilemmas over aspects arising from daily practice. Medical/ Physiotherapy ethics has developed into a well based discipline which acts as a "bridge" between theoretical bioethics and the bedside.
22.	MPT	Women's Health	Students will be able to provide high quality, physical therapy interventions to women, utilizing knowledge of the biological, physical, cognitive, psychological, and social changes commonly associated with women's health to design and administer an evidence-based plan of treatment that meets a client's care goals
23.	B Tech (Computer Science & Engineering)	Disaster Management	To understand the key perspectives of disasters, hazards and the related concepts using prevention, mitigation, preparedness, response and recovery for disaster risk reduction in all sectors.
24.	B Tech (Computer Science & Engineering)	Essence of Indian Traditional Knowledge	To enabled students rooted in the traditional way of life of aboriginal people and tell them when the people with whom it originates are trying to preserve and renew their cultural identity.
25.	B Tech (Computer Science & Engineering)	Personality Development I/II	The course will aim to achieve a professional development of the student in the context of the overall goal of the program. The course makes the student competent in reading and writing globally with professional attitude.
26.	B Tech (Computer Science & Engineering)	Personality Development (Communicative English- Intermediate /Advanced Level)	Student will be confident in oral and written communication skills along with overall personality development.

27.	B Tech (Computer Science & Engineering)	Entrepreneurship & Family Business	The main aim of the course is to allow the student to critically reflect on empirical material recognizing the rise of modern business and to appreciate the experience of individuals within specific family firms.
28.	B.Sc. (Medical/Non-Medical)	Personality Development	The course provides a holistic development of the students. The main objective is to achieve professional development of the students. To face the future challenges, to make the student competitive, to enhance their critical thinking, to improve their aptitude etc.
29.	M. Sc. Chemistry	Personality Development	The course provides a holistic development of the students. The main objective is to achieve professional development of the students. To face the future challenges, to make the student competitive, to enhance their critical thinking, to improve their aptitude etc
30.	MBBS, B.Sc. MLT, B.Sc. Radiography, B.Sc. OTT, B.Sc. Dialysis, B.Sc. Optometry, BASLP/BPT/ B.Sc. (Medical/Non-Medical)/Biotechnology	English	To enable the learner to communicate effectively and appropriately in real life situation.
31.	MBBS	Communication Skills	In Foundation Course MBBS students are taught Communication Skills
32.	MBBS	Gender Sensitisation	Importance of Gender Sensitization in Medical Practice
33.	MBBS	Professionalism	Role of Professionalism in Medical Practice
34.	MBBS	Medicolegal Aspects in Medicine	Medicolegal issues related to Medical Practice and Healthcare


 Registrar
 Maharishi Markandeshwar
 (Deemed to be University)
 Mullana-Ambala 133-207