

AMITY UNIVERSITY

MADHYAPRADESH

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

S.N.	Programme Name	Semester	Course Code	Course Name	Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	Description of the Course in brief (20-30 words)
3.	B.Tech (Civil Engineering)	III	CIV 308	CIVIL ENGINEERING & ENERGY SCIENCE	Environment and Sustainability	Understand the basics of ancient and modern architecture, modern construction and materials. Analyze the difference between different types of energy sources their origin and usage.
4.	B.Tech (Civil Engineering)	IV	CIV 407	CIVIL ENGINEERING – SOCIETAL & GLOBAL IMPACT	Environment and Sustainability	Understand the impact which Civil Engineering projects have on the Society at large and on the global arena and using resources efficiently and effectively. Understand extent of Infrastructure, its requirements for energy and how they are met: past, present and future, the Sustainability of the Environment, including its Aesthetics. Analyse potentials of Civil Engineering for Employment creation and its Contribution to the GDP, the Built Environment and factors impacting the Quality of Life

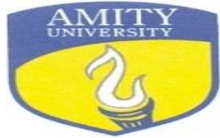


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5.	B.Tech (Civil Engineering)	V	CIV 505	HYDROLOGY & WATER RESOURCES ENGINEERING	Environment and Sustainability	Understand the interaction among various processes in the hydrologic cycle Apply the application of fluid mechanics and use of computers in solving problems.
6.	B.Tech (Civil Engineering)	V	CIV 506	Environmental Engineering – I	Environment and Sustainability	Examine the type and size of reactor required for various unit operations and processes involved in water and wastewater treatment Able to design individual unit operation or process appropriate to the situation by applying physical, chemical, biological and engineering principles. Able to identify the type of unit operations and processes involved in water and wastewater treatment plants based on the water quality Prepare the layout of water and wastewater treatment plants and evaluate the water and wastewater treatment plants Investigate the performance of various unit operations and processes to meet the desired health and environment related goals.



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1.	B.Tech (All Branches)	I	EVS 142	Environmental Studies –I	Environment and Sustainability	This course enlighten the students about the importance of the protection and conservation of our environment and control of human activities which has an adverse effect on the environment
2.	B.Tech (All Branches)		BSU443	Values & ethics for personal & professional development	Human values	This course aims at imparting an understanding of Values, Ethics & Morality among students for making a balanced choice between personal & professional development.



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S.N.	Programme Name	Semester	Course Code	Course Name	Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	Description of the Course in brief (20-30 words)
1.	B.Tech (ECE)	I	EVS142	Environmental Studies –I	Environment and Sustainability	This course enlighten the students about the importance of the protection and conservation of our environment and control of human activities which has an adverse effect on the environment
2.	B.Tech (ECE)	IV	BSU443	VALUES & ETHICS FOR PERSONAL & PROFESSIONAL DEVELOPMENT	HUMAN VALUE S	This course aims at imparting an understanding of Values, Ethics & Morality among students for making a balanced choice between personal & professional development.

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