

Key Indicator - 1.3 Curriculum Enrichment (30)

Metric No.	Qualitative Metrics	Weightage
1.3.1 QIM	<p>Institution integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum</p> <p>Write description within a minimum of 500 character and maximum of 500 words</p> <p>File Description (Upload)</p> <ul style="list-style-type: none"> • Any additional information <p>Upload the list and description of courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum.</p>	10

All departments in the institute have courses in their curriculum which integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics. Various programmes are arranged by the institute which contributes to sensitizing students to these cross-cutting issues.

Gender equality:

Institute encourages boys and girls to participate in sports and cultural activities. MOU done with hospital for common medical facility to boys and girls hostel. College has functional Women's empowerment Cell headed by senior faculty members who look into the problems of girl students regarding academics and personal. Girls and Boys rooms are available in the institute with all amenities. Internal complaints committee has been established for Counseling of students on received grievances. The cell has been organizing various programs for girl students such as Women's safety, health checkup, personality development for boys and girls. Girls and boys hostels are available within college campus and common rules are made for both.

Environment and Sustainability

By considering depleting energy sources and Pollution College has installed own solar power plant of 100KW. A detailed energy audit of Institute is carried out on regular basis. college have been conducting various social events such as tree plantation, rallies in nearby villages on energy conservation, save water rallies, seminars. College has NSS cell which conducts various environment related activities.

Human Values:

A necessary part of curriculum is to inculcate good Human values among students. Our institute always believes to make each students to be a good human being and good engineer. Students learn not only respects to teacher, seniors but also to respects themselves. College has Anti Ragging Cell to ensure ragging free environment. Internal complaints committee and discipline committee headed by senior faculty to take care of human values. College has a handicap friendly campus. College has constructed ramp near staircase for physically challenged students. Lift facility is also made available to the students.

Professional Ethics:

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Institute has given equal importance about professional ethics along with academics because knowingly and willingly students should not do wrong things. Professional ethics encompasses personal and corporate standards of behavior expected by professional. Ethics is a branch of philosophy that addresses the concepts of right and wrong or good and evil.

'soft skills' course related to professional ethics is included as a part of the curriculum of the University. College has organized various personality development programs through skill development cell to increase the employability of students. Industrial visits and internships are made compulsory and experts from corporate are invited to shear their views with students to understand corporate standards and culture. It is observed that a huge difference in change in behavior and attitude and well communication with peers and teachers.

Core courses	Course Name	Cross cutting issue	Description of course
BE Chemical	Environmental Engineering	Climate Change , Environmental Education	The protection of environmental and making use of our available natural resources efficiently is the most pressing demands in the present stage of development. The task of preserving the purity of the environment is of utmost concern at national and global levels. The course emphasizes the control and management of wastes generated by industrial practices.
TE chemical	Industrial Organization and Management	Professional ethics	Industrial organization and Management is a subject of engineering dealing with the optimization of complex processes or systems. It is related to the improvement, development, implementation and evaluation of integrated systems of people, money, knowledge, information, energy, equipment, materials, analysis and synthesis and the mathematical, physical and social sciences with the methods and principles of engineering design to predict and evaluate the results obtained from such systems or processes.
SE Computer	Humanities and Social Sciences	Human Rights	Sociology is the study of human social life. Because human social life is so expansive, sociology has many sub-sections of study, ranging from the analysis of conversations to the development of theories to try to understand how the entire world works.
SE Electrical	Solar Thermal Systems	Environmental Education	Will be able to Differentiate between types of solar Concentrators Apply software tool for solar concentrators Design different types of Solar collectors and balance of plant.
SE Information	Environmental Studies, Humanit	Environment and Sustain	HSS is concerned with society and the relationships among individuals within a society These issues will help to sensitize students to be broader towards the social, cultural, economic and human issues, involved in social changes

Technology	ies and Social Sciences	ability, Human Rights	Students will understand the importance of ecological balance for sustainable development. Understand the relevance and importance of the natural resources in the sustenance of life on earth and living standard
SE Mechanical	Value education	Salient values for life, Human Rights, Environment and Ecology, Social values & Ethical values	Course Objectives are: To enable the students to understand meaning of values and select their goals by self investigation based on personal values. To enable the students to understand value of truth, commitments, honesty, sacrifice, care, unity, team work and relationship. To educate and make the young generation students aware of their social responsibilities. To increase awareness among students about environment and create attitude towards sustainable lifestyle.
MBA	Life Skills	Human values	Course Objectives are : To encourage students to develop and use balanced self-determined Behavior. To help students in enhancing self, increasing life satisfaction and Improving relationships with others. To develop new ability to practice new problem solving skills in group and use these skills in personal life Assumptions about Life Skills ,Personal knowledge management, Difference between empathy and sympathy , Morality and culture, Memorization such as rehearsal and role learning Communication Skills e.g. reading, listening, Cues e.g. flashcard training Condensing information, summarizing and use of key words

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MBA	Human Rights and Duties	Human values	<ul style="list-style-type: none"> *Human Values- Dignity , Liberty, Equality , Justice, Unity in Diversity, Ethics and Morals *Perspectives of Rights and Duties *Civil and Political Rights-Economic, Social and Cultural Rights *Groups, Customary, Socio-Economic and Cultural Problems *Human Rights and Women's Rights –International and National Standards *Status of SC/ST and Other Indigenous People in the Indian Scenario * Human rights of vulnerable groups-a) Stateless Persons b) Sex Workers c) Migrant Workers d) HIV/AIDS Victims <p>Human Rights- Enforcement Mechanism</p> <ul style="list-style-type: none"> a) Human Rights Act, 1993 b) Judicial Organs- Supreme Court (Art 32) And High Courts(Art 226) c) Human Rights Commission- National and State of Maharashtra d) Commission of Women, children , Minority, SC/ST e) Survey of International Mechanism <p>Role of Advocacy Groups</p> <ul style="list-style-type: none"> a) Professional Bodies: Press, Media, Role of Lawyers-Legal Aid b) Educational Institutions c) Role of Corporate Sector d) NGO's
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