



### **1.3.1: Institution integrates crosscutting issues relevant to professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.**

**Response:** The visionary approach of the institution for holistic development of students is to mould them to be responsible technocrats by creating awareness among them towards professional Ethics, Gender equality, Human Values, Environment and Sustainability issues in addition to teaching of affiliating university's prescribed curriculum in classes. The institute also organises expert lectures, invited talks and motivational speeches in these areas.

#### **Human Values and Professional Ethics:**

The institute recognizes the importance of value/outcome based education. Courses related to Human values and Professional ethics included in the curriculum are **Human Values (TOE-07)**, **Principles of Management {BOEC 605 (A)}**, **Principles of Managements (TCE-606)**, **Value Engineering (TOE 10)**, **Ethical Hacking {(BOCS-704 (C)}**. Students from more than 17 states of our country and nearby foreign countries are enrolled in the institute with diversity of culture, social set up, language and other parameters.

Awareness programs are also organized by Departmental clubs, YRC and NSS units of the institute on different social, environmental and health issues in the institute as well as in camps organized in adopted villages as outreach social activity. Blood donation camp is an annual feature of the institute in which a large number of students donate blood that inculcates social human values among students.

#### **Gender:**

The institute is committed to inculcate the civic sense and virtue highlighting issues related to the dignity of women at work place i.e. a concern of gender sensitivity. It is promoted through discussions, debates and lectures regularly held in the institute on women rights, female foeticide, gender based violations, dowry system, women health & hygiene etc.

The institute has established an Internal Compliance Committee (ICC) for the women (female staff & girl students) to encourage and motivate as well as to redress any complaint regarding women in the institute. Girl students are members in almost all committees constituted in the institute.

**Constitution of India (AHT-009)**, **Ancient Indian Culture (TOE 06)**, **Universal Human Values-2 (BHUT 401)** etc. have been incorporated into the curriculum. These are specific issues which emphasize equal opportunity for women and promote Gender values in the society and workplace.



### Environment and sustainability:

Environmentalsustainability is the responsibility of all to conserve natural Resources and protect global ecosystems to support health and well-being. **Environmental studies (TES-101/201/BEST 101)** is a compulsory qualifying subject at the undergraduate level as course curriculum for all the students of B.Tech. In addition other courses are **Environment and Ecology {BMET-804 (B)}**, **Energy and Environmental Engineering-401/402, BCET/BAST-401**, **Environmental Engineering-I & II (TCE 405 & 505)**. Courses like **Environmental Impact Assessment {BCET 504(C)}**, **Environmental Management & Sustainable Development {BOEC 605(B) & TCE-808}** focus exclusively on environmental sustainability. **Quality System & Management (TOE-08)** deals with the documentation required for quality enhancement. The volunteers of Departmental/Institutional Clubs, YRC and NSS units are practically engaged in environmental saving practices.

To develop skills for entrepreneurship development, impart professional ethics and managerial skills, courses like **Entrepreneurship Development Program (TOE-05)**, **Innovation and Entrepreneurship {(BOET-504(D)}**, **Human Resource Management (TOE-08 & TOE-13)**, **Human Computer Interfacing {(BCST 703 (A)}** are part of curriculum.