CRITERIA II: CURRICULAR ASPECTS

1.3 Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender,

Human Values, Environment and Sustainability into the Curriculum

The curriculum designed by the affiliating university includes Audit courses which is a mandatory course and it integrates courses related to Environment and Sustainability, Human Values, Professional Ethics. Special efforts are taken by the institute and each department to sensitize students to the knowledge of Environmental Sustainability, Gender, and Professional Ethics through co-curricular and extra-curricular activities.

Apart from the curriculum, the institute organizes the invited lectures, seminars, workshops & training programs by industry professionals to interact with the students. The internships, industry visits & industry projects gives the students an opportunity to get exposure to the industrial environment and industrial practices. Students are given representation in various institutional committees to involve them in discussions & decision making to understand and learn standard working practices. Students are also encouraged to organize events & activities to impart leadership & teamwork attributes. The departmental student association provides a platform for developing leadership qualities by holding positions of responsibility.

**Environment and Sustainability (E&S):** 

The institute advocates the adoption of a 'Go Green' strategy as part of a conscientious effort and contribution towards green environment awareness. The curriculum has included environmental and sustainability concerns by means of courses such as:

• Energy Audit and Management

• Building technology and Architectural Planning

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- Energy engineering
- Heating Ventilation and Air-conditioning
- Basic Civil & Environmental Engineering
- Hydrology and Water Resources Engineering
- Environmental Engineering
- Earthquake Engineering
- Environmental Studies
- Green Computing

**Human Values**: The curriculum encompasses audit courses that specifically tackle subjects such as human values and professional Ethics. The following methods are used by the institute to teach students morality and professionalism:

- Computer Forensic and Cyber Applications
- Cyber Security
- Humanities and Social Sciences
- Professional Ethics and Etiquettes
- Emotional Intelligence
- Value Education
- Intellectual Property Rights
- Project Work



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## **Gender Issues:**

The institute operates co-education, and the curriculum does not discriminate on the basis of gender. Institute provides a conducive working environment for female students, faculty and staff and has a strict enforcement policy to set free the campus from sexual harassment, violence against women, and discrimination based on gender. Women's Grievance Cell is established in order to sensitize the students and staff on gender issues and to make them aware of the many repercussions of gender discrimination. The institution follows the gender-based admissions process that is mandated by the Directorate of Technical Education in Maharashtra and conducts recruiting in accordance with the norms established by the relevant authority.

Students of both sexes are equally represented on the Student Council and on other institute committees. Gender related issues are addressed through extracurricular activities such as awareness sessions on women empowerment, domestic violence & harassment and also by organizing self-defense workshops. International Women's Day is celebrated every year with great enthusiasm to appreciate women's contribution.



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