


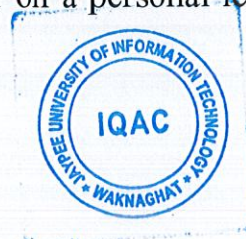
**Institution integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum**

The University has incorporated courses such as Environmental Studies, Interpersonal Dynamics Values and Ethics and Human rights for Technocrats that incorporate aspects Environment and Sustainability; Human values; Ethics; and Psychological perspectives related to emotional intelligence, self and personality. These courses are taught to the students across all the streams of Engineering at Undergraduate levels (BE/BTech) scattered over two years of their academic career here in the University. In addition, the Psychological counselling sessions to students in need, by professional in-house counselor, focuses on learning and behavioural modification focused on building emotional maturity amongst the students.

With reference to the Environment and Sustainability, the exposure to the course on Environment facilitates students to understand the terms definitions and scope of the environmental issues at local, regional and global level with emphasis on needs for conservation of energy and environment. The course incorporates topics such as climate change, carbon footprints, water footprints, management of greenhouse gases at sources and sinks, concept of sustainability with reference to energy source and generation, future energy sources; and sustainable use of natural resources,. The students are also given self-study assignments in these areas enabling them to read, collate and prepare write-ups on current trends in understanding and application of sustainable approaches, across the globe. At the end of the course, the student is expected to be able to correlate major local, regional and global environmental issues with changes in global ecology and human health; be able to define the consumption patterns and conservation strategies; as well as be able to define the opportunities available for conservation of energy and use of renewable energy resources.

In context of Human Values, Gender Sensitization and Professional Ethics, the core course entitled Interpersonal Dynamics Values and Ethics and Human rights for Technocrats are designed to facilitate students in understanding the interplay between, psychological, ethical and economic principles in governing human behaviour. The course is designed to help the students to understand the basic principles and acquaint them with the major perspectives in psychology of human mind and behaviour and to provide an understanding about the how ethical principles and values serve as a guide to behaviour on a personal level and within

  
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professions. The notable topics include behavioural modification, components of emotions, emotional intelligence, interpersonal relationships, development of self and personality; Human values in context of individual, societal, spiritual, moral and psychological perspectives; codes of conduct, social responsibilities; professional ethos and ethics, etc. As a part of this curriculum the students have regular discussion for a,role plays, analysis of case studies on professional behavior and ethics including CSR; as well as discussions on aspects such as creativity, freedom, wisdom and trust.



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