List & Descriptions of courses which address the Professional Ethics, Gender, Human Values, Environmental and Sustainability into the Curriculum

COMPUTER SCIENCE & ENGINEERING

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| **S.NO** | **NAME OF THE COURSE** | **YEAR** | **SEM** | |
| **1** | **Disaster Management** | **IV** | | **VII** |
|  | Description | Disaster Management provides detailed knowledge to students on disaster preparedness, reducing the effect and rehabilitation. This course provides learners with a regional, national and international perspective on disaster management. | | |
| **2** | **Communication skills** | **I** | **I** | |
|  | Description | This course helps students improve their professional communication in English for successful business interactions. Each chapter focuses on a particular area of communication in English: writing emails, speaking at meetings and interviews, giving presentations, and networking online. Whether a person wants to communicate to potential employers, employees, partners or clients, better English communication can help them achieve their language and professional goals. This course will focus especially on making those important connections to take the career or business to the next level. | | |
| **3** | **Technical Communication** | **II** | **III/IV** | |
|  | Description | In this course students will practice designing and giving strong, persuasive presentations. Students will learn how to communicate across cultures, genders, and generations, how to create a personal brand and leadership presence and how to hold effective meetings with global teams. Students will learn how to handle difficult conversations, and how to handle crisis communication; students will also learn writing skills immediately applicable in their daily activities. | | |
| **4** | **Social Outreach, Discipline & Extra Curricular Activities** | **II** | **III/IV** | |
|  | Description | The primary goals of extracurricular activities focus on the individual student level, the institutional level, and the broader community level. These activities exist to complement the university's academic curriculum and to augment the student's educational experience. Extracurricular activities provide a setting to become involved and to interact with other students, thus leading to increased learning and enhanced development. | | |
| **5** | **Human Engineering and**  **Safety** | **IV** | **VII** | |
|  | Description | A human engineering effort is conducted to develop or improve human interface of the system Achieve required effectiveness of human performance during system operation, maintenance and support and make economical demands upon personnel resources skills, training and costs. | | |
| **6** | **Environmental Engineering and Disaster Management** | **IV** | | **VII** |
|  | Description | Environmental engineering is a subfield of engineering that is concerned with the protection and preservation of the environment and environmental resources as well as the protection of populations from environmental threats. Environmental engineers study population growth and monitor air and water quality. | | |
| **7** | **Sustainable Engineering** | **IV** | | **VII** |
|  | Description | The course has contents to develop sustainable energy systems and solutions for future energy needs of the world in general and India in particular. This course also focuses on key knowledge areas of sustainability theory and practice, including population, ecosystems, global change, energy, agriculture, water, environmental economics and policy, ethics, and cultural history. | | |
| **8** | **Environmental Impact**  **Analysis** | **IV** | | **VII** |
|  | Description | Environmental Impact Assessment (EIA) provide detail knowledge of process of evaluating the likely environmental impacts of a proposed project or development, taking into account inter-related socio-economic, cultural and human-health impacts, both beneficial and adverse. | | |