



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

Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering & Technology believes in promoting an inclusive value-based educational community. So, it integrates and promotes the cross cutting issues relevant to *Professional Ethics, Gender, Human Values, Environment and Sustainability* by conducting various activities on the campus and off the campus to enhance professional competencies among students which helps in their holistic development.

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

- Develops an in-depth understanding of what is right and what is wrong that helps students make informed decisions which is particularly important in their personal life and professional life as well
- Encourages students to understand values in life
- Provides an overview of the numerous challenges that every professional faces when performing their tasks

Theoretically it is taught as a subject in the curriculum and experienced practically by participating in NSS Programs, seminars and other related events.

#### **Gender Sensitization:**

- Makes young boys and girls gender sensitive and creates positive values that support girls and their rights
- Provides overall guidance to the peer group in integrating/mainstreaming gender in all activities of the Institution in the form of focused group discussions, debates, poster making competitions etc.
- Provides an integrated and interdisciplinary approach to understand the social and cultural constraints of gender that shapes the experiences of women and men in the society
- Generates awareness in regard to equality in law, social system and democratic activities

Around 60% of the students in the college are girls. So, in order to facilitate a gender sensitive environment, the college started WGC/ICC (Women Grievances Cell/Internal Compliance Committee in the year 2011 which creates awareness through lectures, seminars, talks, workshops, events and debates. Girls are motivated to participate and enroll in NSS wing of the college as it develops strength, confidence and leadership qualities in them. It also deals with the complaints from girl students and resolves them through effective counseling.

#### **Environment and sustainability:**

Environmental science allows students to practice a sustainable life and to utilize natural resources efficiently. The awareness of it enables students to have a collective effort to solve environmental problems that are faced in our day-to-day life.

Environmental Science is a part of our JNTU K curriculum which enables students to understand our environmental problems and find solutions to maintain sustainability. Through this course, students learn about

- The importance of natural resources and conservation in a proper way
- Rural and urban environmental issues and assessment
- Various attributes of pollution and its control
- Self-sustaining green campus :Water and waste management, plantation and rainwater harvesting

Apart from this, students participate in the programs like Tree Plantation, Awareness Rallies etc. conducted to protect the environment.