

## **Institutional Distinctiveness**

Our institution ardently focuses on the social, emotional, physical, mental and intellectual growth of its students towards building their well-being to be able to attain comprehensive maturity and facilitate holistic development much needed for handling the 21st-century demands and challenges for the development of society they live in. As perceptible from its vision and mission, our institution has been fostering its students on the integrated growth by providing every opportunity and resource, while striving for excellence in technical education to attain quality standards by being accredited by accreditation bodies of the country.

### **Intellectually Competitive:**

The institution implements a dynamic curriculum, designed to meet the needs of all its stakeholders, that encompasses the flavours of NEP 2020 to make it student-centric; features to instil 21st skills; and the latest emerging technologies to make the product industry ready, through well-planned and effective teaching-learning activities blended with latest pedagogy approaches.

Life & soft skills such as problem-solving, critical thinking, effective communication skills, decision making, creative thinking, interpersonal relationship skills, self-awareness building skills, empathy, and coping with stress and emotions, teamwork, adaptability etc., are inculcated through various curricular and co-curricular activities organized through various clubs/ professional associations of the departments/institution throughout the programme.

Courses related to Innovation & Entrepreneurship in the curriculum and Institution Innovation Cell create the necessary awareness and eco system respectively to imbibe the entrepreneurial skills to explore and roll out possible start-ups supported by MSME using the option “Gap Year” embedded in the curriculum

Technical fests and model exhibitions are regularly organized to showcase innovative and creative models and are features of developing hands-on experience & competitive spirit among students.

The need for lifelong learning skills is understood and experienced through the courses on emerging technologies of Industry 4.0 that are offered as electives in the curriculum under self-learning through virtual tools such as SWAYAM, NPTEL, Coursera, Edx etc.

### **Socially Committed:**

Students are exposed to the diverse social structure and its issues, particularly in the neighbouring areas, through the **National Service Scheme (NSS) and Unnat Bharat Abhiyan (UBA)** of the institution towards making them socially sensible and responsible. They organize outreach activities to create awareness on various social aspects such as female feticide, women's health, breast cancer, child marriages, blood donation camps, Swatch Bharat, etc. and become aware of the issues of the society to explore all possible measures to solve them through technology extension activity. They conduct various rallies to educate people on Voter Awareness, Save Water, Save Earth, Save Trees, Save Girl Children, AIDS, and Communicable Diseases etc., They also take part in helping the neglected sections of society such as

Orphanages and Old age homes. They actively participate as volunteers at polling stations during the election process.

### **Morally Upright:**

**Universal Human Values (UHV):** The present education system is largely skill-biased, without proper footing of value education which has become one of the causes of the serious crises at the individual, societal and environmental levels. Keeping this and also the mission of the institution in view, a course on “**Professional ethics and human values**” was introduced in its curriculum ever since it has become Autonomous in 2015.

UHV course presents systematically a set of universal, rational, verifiable proposals about human reality and at the end of the course, the students will be able to discover the inherent relationship, harmony and co-existence facilitating their transformation, mutual fulfilment in nature/existence and leading to harmony within as well as a firm grounding for nature-friendly technologies and human-friendly systems. A good number of faculty members have also attended the AICTE FDP on UHV to facilitate the course instruction.

**Indian Constitution** is presented as one of the courses in our curriculum to inculcate a sense of integrity, respect, accountability, community, inclusion, fairness and service to the nation.

### **Physically robust:**

The institute promotes **physical activities** among the students to cultivate many important skills such as physical fitness, team spirit, confidence, decision-making, and mental strength, etc. of the students. Each year, the institute organizes annual sports events for the students comprising of various sports such as cricket, volleyball, throwball, kabaddi, chess, carom, etc. In these sports both boys as well girls participate and show their skills – their sportsman spirit and team-building abilities. The institute celebrates Sports Day every year to recognize and honour the winners. Well-equipped Gymnasiums are provided in the college and hostels.

Our college has been the forerunner in the field of sports and games and it has bagged many medals, prizes and trophies in all most events at all levels such as University / District / State / National and International.

### **Emotionally Balanced:**

The **Mentor-Mentee Counselling system** practised on the campus facilitates every student with one faculty member, allotted to them as a mentor, who will be monitoring the student throughout their 4 years journey on the campus to inspire and correct the student in terms of their academic performance, behavioural aspects, communication skills, placements, higher education, holistic personality development and guides them in an amicable manner, towards their success and overall development. The mentors act as thought partners to the students & provide emotional support with empathy, encouraging the students by putting themselves in as parents, friends, and well-wishers.

The **ICC (Internal Complaints Committee)** on the campus, under the leadership of the Nodal Officer, look into any issues of sexual harassment and other problems faced by women students

on the campus and offer recommendations, and proposals to the institute management regarding such issues.

**National & Cultural festivals** conducted for the students on the campus, aimed at nurturing and creating the fervour of patriotism, collaboration, cooperation, responsiveness, spiritual inspiration, and attachment to the traditions, culture and oneness among students.

With all the above traits implanted in our educational system, our institution has been churning out **intellectually competent, morally upright, spiritually inspired, emotionally balanced, physically robust** and **socially committed** engineers with full-fledged & holistic development to lead their lives successfully and meaningfully.