

## 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust.

The field of engineering is dynamic and it is anticipated from engineers to develop themselves to work across various disciplines, with others, and continually adapt to new challenges. The budding engineers thus need to develop a number of qualities and skills to become an effective engineer with employability traits. The major concerns of most of the employers is finding good engineers and training them. The difference between the skills needed on the job and those possessed by applicants is called skills-gap, and is of real concern for all educational institutes and industries looking to hire competent engineers. The institute has thus developed a practice to bridge the skill gap that exists within its students as follows:

- At the second year level, the university has introduced courses like soft skills, employability skills and development, industrial management, etc. For these courses, the institute has appointed professional trainers to improve the communication and writing skills of the students.
  - At the third and final year level, the institute has introduced a one week training program for grooming students in aptitude, soft skills, interviews, group discussions and career counselling.
  - In addition to this, the institute regularly organizes expert talks, seminars and workshop on subject / themes like time management, risk management, skill development and motivational talks.
  - Along with the academic, the institute also focuses on enhancing the technical skills of the students through conduction of bridge courses, expert talks, industrial training and visits. For this purpose, the institute has constituted the 'Institute-Industry and Institute-Institute Interaction Cell'. This cell has collaborated with a number of industries in the form of MOUs and linkages. The institute is also a part of 'Pradhan Mantri Kaushal Vikas Yagna' and runs courses for general public leading to employment.
  - The institute motivates students to undertake internship and the final year project work in industry so that they become familiar with the industry culture and also enhance their employability probability.
  - The faculties are encouraged to assign various verbal activities like debate, group discussions, oral presentations, poster presentations, to their students during their classroom teaching.
  - The institute has encouraged the department to establish student associations / chapters / bodies for holistic development of the students. These bodies plan, coordinate and execute events that helps to improve their leadership qualities, team working, problem solving, confidence building, management skills, ethics and integrity. All these aspects of

skillenhancement have ensured higher employability of students as well as progression to higher education institutes of national and internationalrepute.