

### **2.6.2. Attainment of programme outcomes and course outcomes are evaluated by the institution.**

Programme Outcomes are the attributes that should be possessed by each and every graduate and hence the attainment of Graduate attributes are evaluated every year and the evaluation is calculated for further enhancement in association with the Advisory Committee Members. The programme outcomes are assessed through direct and indirect assessment methods. The direct assessment methods are through Continuous assessment Tests and University Examinations. The indirect assessment techniques include involvement in various activities conducted by Technical Clubs, Professional Societies and other organizations.

The following Graduate attributes are measured by the respective departments and are monitored by the Management for further suggestions and follow up.

1. Knowledge Acquisition through courses specified in the curriculum
2. Complex Problem Solving skills by applying knowledge through design and development of innovative projects and miniprojects. Their technical knowledge is enhanced through interaction with Industry eminent and Professional Society Members such as IEEE, SAE INDIA, CSI, IETE etc. The awareness on the industry environment is provided to the students through Inplant Training, Field work, Industrial training, Industry Projects and Internships.
3. Team work and Social Responsibility through Group activities, Projects and socially relevant activities such as NSS/YRC, Technical Clubs, Activity based learning etc.
4. The students are made aware of the Professional Ethics in various technical disciplines through design of various projects in compliance with Environment Safety standards. In addition they are educated on Professional Ethics in Engineering, Environmental Science and Engineering, Principles of Management, Total Quality Management etc. during their programme.
5. The students are also oriented towards research by encouraging them to submit papers in UGC and Scopus journals. They are also encouraged to present papers in National and International Conferences.
6. The students are honed with Entrepreneurial skills during the programme through various activities conducted by the Entrepreneurship Development Cell.
7. Aptitude training and Soft skills training are provided to the students to prepare them for the interviews and to make them industry ready. They are also made to practice on platforms like Hacker Rank and Skill Rack to strengthen their coding skills.

8. Career Guidance Programmes are organized for the students to orient them towards higher studies in India or abroad, entrepreneurship, Government/Private Core/IT/ITES jobs etc.

The course outcomes are evaluated studentwise based on their performance in the Continuous Assessment Tests and University Examinations and suitable remedial measures are extended to the slow learners to enable them to build the necessary skills to attain the required outcomes. The indirect methods adopted to assess their course outcomes are through conduct of Quiz, Online Tests, Group Discussion, Role Play, Case studies, Assignments etc.