

### **2.3.1: Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences**

The college is providing well-planned, supervised and assessed experiential learning through practical / lab courses. It is further extended as the project works and the internship, which is focusing on interdisciplinary learning, intellectual skills, leadership and teamwork addressing non-technical graduate attributes of Washington Accord. During the experiential learning, the students are actively engaged in investigating, experimenting, being curious, solving problems, assuming responsibility and are challenged to take initiative, make decisions and be accountable for results.

Students are encouraged to learn continuously by participating in contests, taking courses offered by NPTEL – SWAYAM and taking value added courses through the centers of excellence in campus. These centers of excellence have been established collaborating with leading companies inside the campus. It provides an opportunity for students to gain knowledge and skills in emerging areas. Apart from this, the college is providing open elective courses for fostering interdisciplinary learning.

Active learning and Innovative Teaching Learning methods such as Think-Pair-Share, Peer Instruction, Role Play, etc. encourage all the students. Participative learning is also promoted through Group discussion and Case Study discussions.

ICT enabled tools like Learning management system, MS Teams Platform, OBS studio, Open-Short video editor, Hand-Brake, Moodle and Word-Press are used for effective learning processes.

To promote professional learning experience, internship is introduced in our curriculum and students are encouraged to undergo credited internship in reputed organization during their fourth, sixth semester vacation and eighth semester for a duration of 2 weeks (1 credit), 2 to 4 weeks (1 credit) and 8 to 16 weeks (4 credits) respectively.

The curriculum is developed to integrate problem solving methodology by providing tutorial sessions for analytical courses. The curriculum also encourages the use of problem-solving tools and techniques in the assignments of select courses and final year projects. Every student is required to undertake project work as indicated in the curriculum of the respective programme in Industry / department in consultation with the Head of the Department and the faculty guide. Project work may be allotted to a single student or to a group of students (maximum of three students). The examination for the project work shall consist of the evaluation of the final report and viva-voce conducted individually for each student by both the external examiner and the internal examiner.