

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

(a) Experiential learning:

1. **ISAP:** “Information Search Analysis and Presentation” is an activity which is mandatory for the students across all branches. Second year students in the beginning of the odd semester have to search for a technical topic of their interest through the internet and present it before a panel of faculty members. The understanding of the topic, presentation skills and communication skills are assessed by the panel. Feedback is given to the students for improvement. This activity helps the students in the later part of their course while giving seminars, paper presentations, project presentations, etc.
2. **Industrial visits:** Second year/ Third year engineering students are taken for industrial visits where they are exposed to various methods, and process followed in the industries of their respective disciplines.
3. **Internship programme:** Students are encouraged to undergo internships in reputed industries/ organisations during their course of study. Also as a part of the CBCS curriculum, students have to undergo an internship programme in some industry for at least eight weeks during their vacation. This develops more ideas regarding industrial working and studying related subjects in the class becomes easy.

(b) Participative learning:

1. **Classroom activities:** While solving numerical problems in the class, answers are elicited from the students. Having the upgraded syllabus in mind, as a part of the continuous evaluation process subject related quizzes are conducted in written or oral form. The students are made to present certain topics of their subjects as a group activity. This improves communication skills and fosters team work.
2. **Tutorial classes:** In tutorial classes, student groups are formed. These groups are moderated by teacher to promote collaborative learning which involves
 - Asking the students to prepare their own question papers with answers
 - Interchanging the question papers among students to answer in the class
 - Evaluation by students by referring their answer key, and cross checking by the teacher
3. **Mini projects:** Student groups of third year are identified and encouraged to develop hands on projects on their field of interest. These are exhibited, evaluated and rewarded periodically.
4. **Association activities:** Technical talks and workshops are held often for the students encompassing various areas of their respective disciplines, entrepreneurship, career guidance, etc. through the department associations.