

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

IMS Engineering College provides an effective platform for students to develop latest skills, knowledge, attitude, values to shape their behavior in the correct manner. All departments conduct innovative programs which stimulate the creative ability of students and provide them a platform to nurture their problem-solving skills and ensure participative learning. The institute organizes annual technical fest, TECHNOVATION in which students showcase their learning in the form of innovative projects. Also, students are motivated to participate in inter college as well as national level competitions.

The institute focuses on the student-centric methods of enhancing lifelong learning skills of students. Faculty members make efforts in making the learning activity more interactive by adopting the below-mentioned student-centric methods.

- 1. Experiential Learning:** Each department conducts add-on programs to support students in their experiential learning. The institution imparts the following experiential learning practices to enhance creativity and cognitive levels of the students –
 - Laboratory Sessions are conducted with content beyond syllabus experiments.
 - Summer Internship -Students get hands on training while working in the company.
 - Add-on Courses on latest technologies with NPTEL, ICT-IITK, SAP, Coursera etc.
 - Project development on latest technologies by students where they showcase their working model in the technical fest.
 - Industrial Visits to engage them in experiential learning while visiting the organization.
 - Certification Courses (Value Added Courses) by the market experts such as Microsoft/ Google/ NSE etc. to develop their expertise
 - Participation in simulated events such as simulated stock exchanges or hackathons where they acquire experience of working on some real-life model.
- 2. Participatory Learning:** In this type of learning, students participate in various activities such as seminar, group discussion, wall papers, projects, and the skill based add on courses. Students are encouraged to participate in activities where they can use their specialized technical or management skills, such as
 - Annual Tech Fest – It is organized every year for engineering students where selected projects are displayed at the larger platform.

- Management Fest- This is organized every year by the management students in which students from different colleges participate and learn from each other.
- Annual cultural program – This is organized every year for the students of the college to give a vent to their creativity.
- Regular Quizzes- Quizzes are organized for student participation at intra or inter college level.
- Seminar Presentation – Students develop technical skills while presenting papers in seminars.
- Presentation and publishing of papers in conferences and journals - The objective is to give them exposure to learn and imbibe new skills.
- MOOC Programs (NPTEL, ICT-IITK, SAP, COURSERA etc.)

3. Problem-solving methods: Departments encourage students to acquire and develop problem-solving skills. For this, college organizes expert lectures on various topics, motivate students to join MOOC courses, participate in various inter-college and intra-college technical fests and other competitions such as:

- In-house summer training with project development
- Regular Assignments based on problems
- Mini Project development
- Regular Quizzes
- Case studies Discussion
- Class presentations
- Debates
- Participation in Inter college events