

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

Response:

SRGEC adopts student centric methods to make the Teaching Learning process more effective for the holistic development of students through experiential learning, Participative Learning and Problem solving Methodologies. Faculty of the institute imparts subject knowledge as per the syllabus and curriculum and foster self management and usage of knowledge, holistic development and skill development through participatory learning activities.

The following activities have been adopted by the faculty and they adorn student-centric methods:

1. Experiential learning:

Laboratory sessions

Curriculum was designed in such a way that sufficient emphasis is laid on hands-on experiments required for comprehensive understanding of the subjects. The laboratories, software and model experiments are devised to achieve this objective.

Industrial visits

Study without practical approach is not considered as worth in this challenging and competitive environment. Putting that aim in mind college arranges visits to various industries in order to make them understand the classroom concepts in a better way.

Field works and Internships

The main motto of Field works/Internships are educational and career development opportunities, providing practical experience in a field/discipline.

Industry Oriented Mini Projects

Students are encouraged to take up any industry oriented application in his/her field of interest in their respective branch/field.

Community outreach programme

Students are taken to community visits as a part of NSS activity. These visits make them to understand real world societal problem. After visit they should understand and design solutions for at least one problem.

2. Participative Learning:

Expert Talks, Workshops and seminars

Students are encouraged to participate in workshops expert talks and seminars organized by various professional societies, esteemed institutes and industries.

Group Discussions and Role plays

The purpose of a group discussion is not to win an argument but it is to help each group member explore and discover personal meanings of a text through interaction with other people. To improve the students' presentation skills and communication skills, language lab makes students to do role plays.

MOOCs: Faculty encourage students to do online courses to reinforce the concepts in curriculum and explore the fields beyond the curriculum.

3. Problem Solving Methodologies:

Developing Models in Engineering:

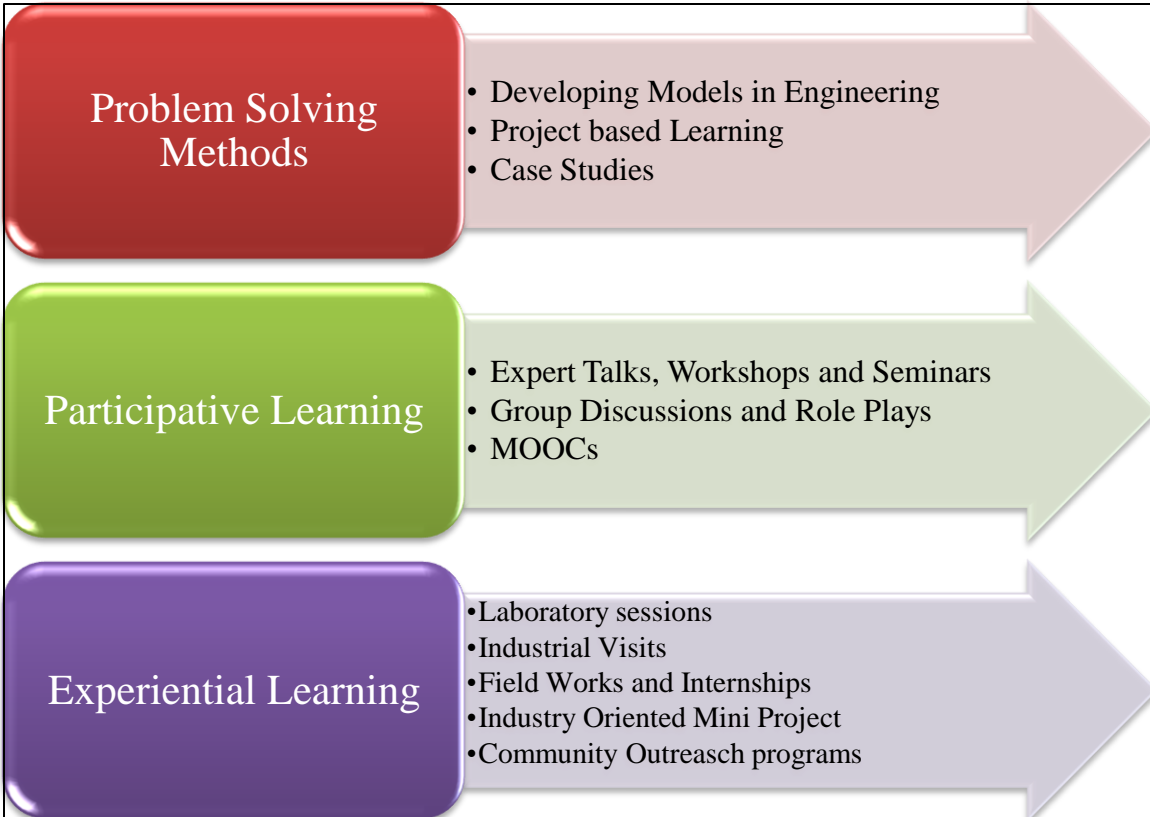
Engineering often involves the construction and use of a wide variety of models and simulations to help develop explanations about behavior of the system under study. Models make it possible to go beyond observables and imagine a world not yet seen.

Project Based Learning:

Project Based Learning is a teaching method in which students learn actively by engaging in real-world and personally meaningful projects.

Case studies:

In short, case studies are a miniature version of a business situation used to facilitate learning. The major areas for case studies are women empowerment, finance, rural development, stock markets.



Student Centric Methods