

2.3.1: Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process

1. Problem-Based Learning (PBL): PBL involves presenting students with real-world problems or case studies related to the subject matter. Students work collaboratively to identify and analyze the problems, propose solutions, and apply their knowledge and skills to solve them. This method encourages critical thinking, problem-solving, and teamwork.

2. Flipped Classroom: In a flipped classroom, students are assigned pre-lecture materials such as videos, readings, or online modules to cover before coming to class. Classroom time is then used for interactive activities, discussions, and problem-solving, allowing students to engage in active learning and seek clarification or guidance from the instructor.

3. Collaborative Learning/Group work: Collaborative learning/group work involves students working together in small groups or teams to accomplish a task or solve a problem. This method encourages peer-to-peer interaction, communication, and the sharing of ideas and perspectives. It fosters teamwork, cooperation, and the development of interpersonal skills.

4. Inquiry-Based Learning/Assignment: Inquiry-based learning focuses on encouraging students to ask questions, explore topics, conduct research, and develop their understanding through self-directed investigation. It promotes curiosity, critical thinking, and the development of research skills.

5. Case-Based Learning: Case-based learning involves presenting students with real or hypothetical scenarios that reflect authentic problems or situations. Students analyze the cases, apply their knowledge and skills, and make decisions or recommendations. This method encourages critical thinking, application of theoretical concepts, and the development of problem-solving abilities. In addition to above the field work, industrial visits, micro project / Minor project and Major Projects are used as student centric methods.