POORNIMA
COLLEGE OF ENGINEERING

An autonomous institution approved by RTU, AICTE & UGC • NAAC A+ Accredited

CELEBRATING
25 YEARS
OF EXCELLENCE

2.3.1.1 QLM

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

The Institute emphasizes innovative teaching methodologies to enhance experiential, participative, and problem-solving learning. State-of-the-art laboratories facilitate experiments within and beyond the curriculum. An Incubation Centre encourages students to transform innovative ideas into reality. Industrial visits and internships provide practical knowledge and insight into industry culture. MOUs with various industries and research institutes promote collaborative programs and internships. Students are required to complete Non-Syllabus Projects (NSP) each semester to foster innovation. AICTE funding supports lab modernization under the MODROBs scheme. An Industry Institute Interaction (I3) day features classes led by industry experts on advanced technologies. Student-run technical and non-technical clubs organize various activities throughout the year. Annual fests and competitions like "Technovation" showcase student talents. Students also organize programs for peers and the broader community. The Institute's Outcome-Based Education (OBE) system emphasizes application-based problem-solving. Assignments focus on complex engineering problems beyond standard examinations. Additional tutorial classes support numerical problem-solving. Students engage in laboratory experiments and conduct literature surveys for NSP. Coding practices are encouraged through platforms like GitHub and Hacker Rank. Various in-house competitions promote participation. After the pandemic, ICT tools became essential for online learning, with platforms like MS Teams, TCS ion facilitating classes, assignments, and virtual labs.