KIT - KALAIGNARKARUNANIDHI INSTITUTE OF TECHNOLOGY
COIMBATORE-641402.
An Autonomous Institution

Student Centric methods of Teaching Learning process

The teaching-learning process is one of the major objective and the strength of our college. Students are given a right blend of traditional and modern methods to make learning student-centric and a rewarding experience. Experiential learning, participative learning and problem solving methodologies are well adopted to ensure the holistic development of students and facilitate life-long learning.

Participative learning

1. Design/development of solutions: Students attempt to develop solutions for complex engineering problems and design system components/processes that meet the specified needs of real-time cases through group analysis, brainstorming etc.
2. Mind Maps for creativity: Teachers create a central node on a Mind Map and provide students the freedom to expand and develop novel ideas.
3. Flipped Classes, blended learning and model making methods are introduced for selected topics to enhance participative learning.
4. Students are encouraged and presently made mandatory to take (Massive Open Online Courses) MOOCs offered by premier institutions of the country. They include online lectures, demonstrations and interaction.
5. Project works involving latest technologies and use of advanced soft-wares like MAT LAB, IDEA, ANSIS, CADENCE, MultiSim, CAD, Lab View etc.
6. Participation in professional and societal activities of IEEE, ISTE, CSI etc.
7. Proficiency in communication skills through lab sessions.

Industry interaction and summer training

1. Industrial / field visits, Practical training / internship at Industry and/or renowned institutions.
2. Industry projects and collaborations are undertaken to enrich students with pre-employment training.
3. Periodical Guest lectures on topics relevant to employment skills are arranged from various industries.

Experiential learning

1. Practical courses (laboratory) including virtual labs are also available.
2. Different learning methods viz. problem-based, case-based, project-based, inquiry based, computation-based, co-operative work are implemented wherever feasible.
3. Students are encouraged to take up innovative projects and mini projects.
4. Organization of exhibitions and open houses projecting senior students' achievements on regular basis are a source of motivation for younger students of the college.