



**KIT- Kalaigarkarunanidhi Institute of Technology**  
**(An Autonomous Institution, Affiliated to Anna University Chennai)**  
**Coimbatore – 641402.**  
**Continuous Internal Assessment (CIA)**

**SUMMARY OF IQAC REPORT -2023-2024**

**Curriculum Development and Implementation**

The institution's curriculum is designed to address local, national, regional, and global developmental needs, reflected in its Programme Outcomes (POs), Programme-Specific Outcomes (PSOs), and Course Outcomes (COs). Leveraging autonomy, the institution regularly revises its curriculum based on feedback from stakeholders, including academicians, alumni, employers, and industry experts.

The curriculum development process involves recommendations from the Programme Assessment Committee, Board of Studies, and approval by the Academic Council. Several courses incorporate experiential learning by addressing local and regional challenges, equipping students with real-world problem-solving skills. Projects embedded in the curriculum facilitate community engagement, including developmental activities in Coimbatore and nearby villages. Initiatives such as fieldwork, technology transfer, and computer literacy training have positively impacted society. Elective courses encourage students to interact with farmers and government agencies to develop innovative societal solutions.

**Teaching and Learning Processes**

The institution ensures a well-planned, supervised, and assessed experiential learning approach through practical courses, project work, and internships. These experiences emphasize interdisciplinary learning, problem-solving, leadership, and teamwork. Students actively engage in experiments, decision-making, and accountability during their learning journey.

Continuous learning is encouraged through participation in contests, NPTEL-SWAYAM courses, and value-added programs offered via Centers of Excellence established in collaboration with leading companies. Open elective courses foster interdisciplinary learning, while tutorials and assignments

integrate problem-solving tools and techniques. Structured bridge courses for first-year and lateral-entry students address gaps between entry-level academic achievements and the demands of the curriculum.

### **Research Facilities and Initiatives**

The institution provides state-of-the-art research facilities, frequently updated to support faculty and student activities. A well-defined research policy, available on the institutional website, promotes research and consultancy. The institution collaborates with industries and other academic bodies to establish advanced facilities and implement innovative policies.

#### ***Key Research Achievements (AY 2023–24):***

- **Publications:** 112 research papers and 43 book chapters.
- **Patents:** 7 patents granted/published.
- **Research Funding:** ₹11,16,500 in seed money for faculty R&D.
- **MoUs Signed:** Four collaborations with leading industries.

#### ***Recent Activities (AY 2023–24):***

- Introduction of ECE (VLSI Design and Technology) from AY 2024–25.
- 15+ research centers and Centers of Excellence established, including the Intel Unnati Lab and ANSYS 5G Innovation Hub.
- Collaboration with Coursera and industries for skill development and internships.

### **Institutional Achievements and Recognitions**

- **Rankings:** Ranked in the 101–150 band in NIRF 2023 (Innovation Category).
- **Accreditations:** CSE, ECE, and EEE accredited by NBA (Tier I).
- **Autonomy:** UGC conferred autonomous status for 10 years.
- **Industry Collaboration:** 22 MoUs signed with industries like C-DAC Bengaluru and Dassault Systems.

- **Awards:**
  - “Green Day Award 2023” (Silver Category).
  - “Best Innovation in Demonstration” by AICTE-IIC.
  - Recognized among the Top 15 e-Yantra Labs in India by IIT Bombay.

### **Faculty Development and Achievements**

- 10 faculty promoted to Associate Professor; 26 Assistant Professors are elevated to Sl. Grade and 36 Assistant Professors are elevated to Senior Grade levels.
- 14 faculty members achieved doctorates, and 13 registered for Ph.D. programs.
- Awards include “Teaching Excellence,” “Best Student Motivator,” and “Young Extension Educationalist.”
- Research Outcomes: 36 patents filed; over 2,000 citations for published research papers.

### **Student Achievements and Placements**

- **Placements:** 632 job offers secured; the highest package was ₹12 LPA.
- **Training and Certifications:**
  - 655 students and 37 faculty completed NPTEL certifications.
  - Over 1,000 students participated in internships and industrial training.
- **Competitions:** 732 students participated in co-curricular events, with 126 winning awards.

### **Social Responsibility Initiatives**

- Scholarships worth ₹4.38 crore benefited 1,597 students.
- Community engagement programs included "IGNIE'24" for school students and "Books on Wheels" in collaboration with the Coimbatore Police.
- NCC, NSS, and UBA organized outreach activities.