



KIT - Kalaighnarkarunanidhi Institute of Technology

An Autonomous Institution, Coimbatore - 641 402.



Approved by AICTE & Affiliated to Anna University, Chennai.

Accredited by NAAC with 'A' grade & NBA (AERO, CSE, ECE, EEE, MECH & MBA)



World of
OPPORTUNITIES
beyond Classroom

TNEA
Counselling Code

2750

B.E. Computer Science and Engineering

B.Tech. Computer Science and Business Systems

HIGHLIGHTS **OF THE DEPARTMENTS**

- Accredited by NBA (Tier-I)
- Recognized Research Centre of Anna University
- Innovative design thinking Curriculum
- Full Stack Web Development
- Open source Technologies for Android and Geographical Information System
- EMC² – Centre of Excellence for Data Science and Bigdata Analytics
- Business Analysis & Product Management
- Google Cloud Ready facilitator for VMware and Big Query
- Microsoft IT Academy
- Oracle Academy
- Industry use cases for students certification in Salesforce
- Digilabs certification through IBM cloud
- NMEICT-FOSSEE certification
- INTEL powered AI Lab



- Advanced Computing Lab in collaboration with C-DAC
- Internship and certification from Infosys Springboard
- Extensive coding through KIT portal and students positioned in global competitive coding platform

B.Tech. Artificial Intelligence and Data Science

B.E. CSE (Artificial Intelligence and Machine Learning)



HIGHLIGHTS OF THE DEPARTMENTS

- IIT Bombay Remote Centre
- Innovative design thinking Curriculum
- National Cyber Security Research Council (NCSRC) in Cyber Security & Artificial Intelligence
- IoT Technical Laboratory
- Blockchain Technology
- Data Privacy & Security
- Augmented Intelligence
- Deep Learning & Computer Vision
- Zoho-Rural youth Empowerment program
- Infosys-Faculty Enablement program(FEP), springboard students certification program
- Cisco-Hands on training to develop problem solving skills
- Intel Unnati AI (HPC) Lab
- Altair Rapid Minor Studio for data Analytics
- Wipro-TalentNext internship and Wipro certified faculty program
- Hexaware-Collaboration for campus recruitment
- Extensive coding through KIT portal and competitive coding platform

B.E. Electrical & Electronics Engineering



HIGHLIGHTS OF THE DEPARTMENT

- Accredited by NBA (Tier I)
- Recognized Research Centre of Anna University
- Product Development Centre
- Centre of Excellence for 3D experience through TANCAM – Dassault Systemes for Electrical Systems Design
- National Instruments LabVIEW Academy
- e-Yantra Robotics Lab
- Industry driven curriculum
- Electric Vehicle Technology
- Renewable & Sustainable Energy Sources
- IoT for Electrical Engineers
- Computing Techniques (AI, DS, ML, AR/VR)
- Training in Electrical Troubleshooting, MATLAB PLC, SCADA, PCB Designing, ETAP & PVsyst software

B.E. Electronics & Communication Engineering

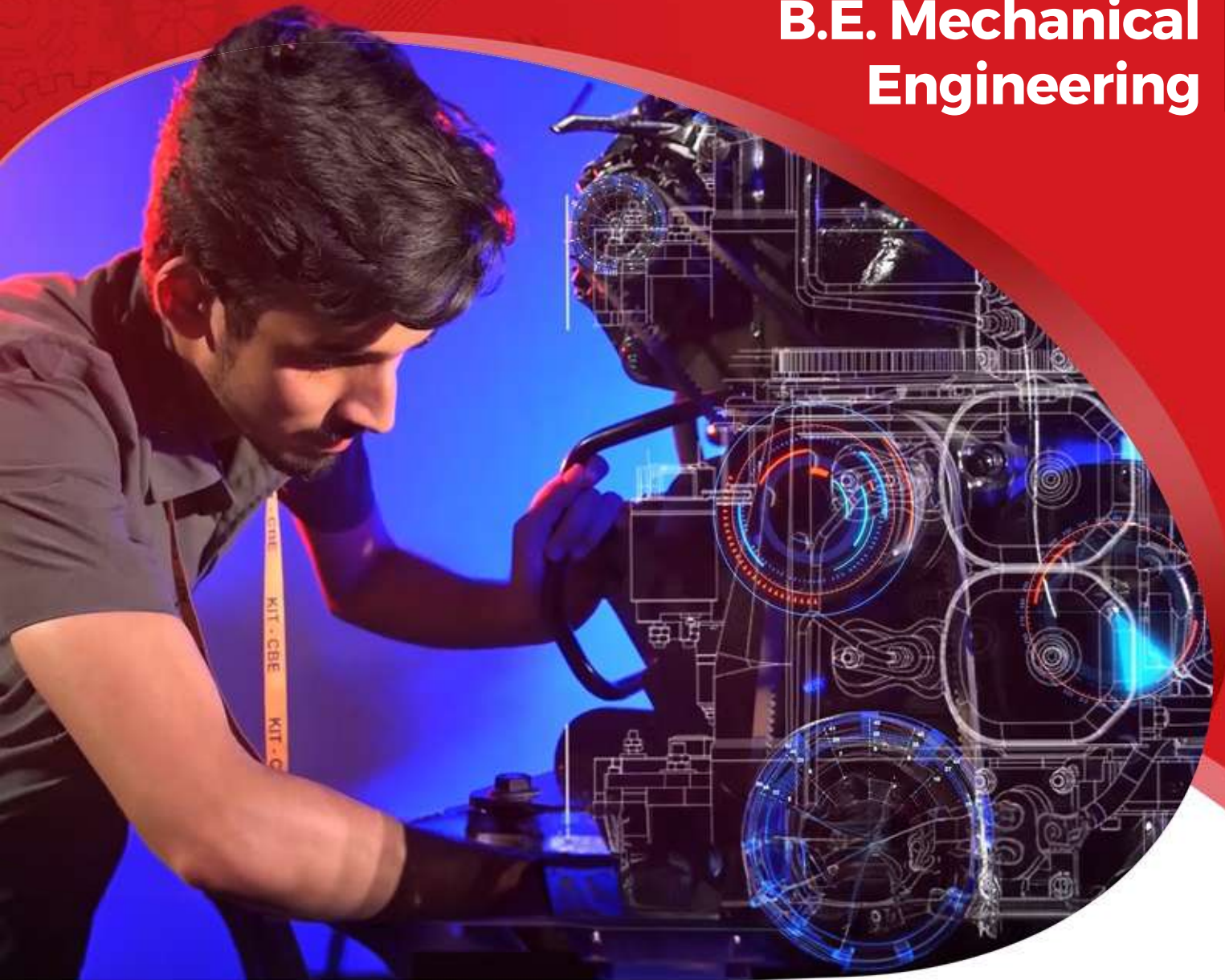
B.E. Electronics Engineering (VLSI Design and Technology)

HIGHLIGHTS OF THE DEPARTMENTS

- Accredited by NBA (Tier I)
- Industry driven curriculum
- Recognized Research Centre of Anna University
- Product Development Centre
- ANSYS 5G Antenna Innovation Hub
- CISCO Networking Laboratory
- Cadence Research Laboratory
- Quantum computing in VLSI
- Antenna Measurement – 14GHz Vector Network Analyzer
- e-Yantra Robotics & Embedded system lab
- ALTAIR AI Lab for Electronic System Design
- ANSYS High Frequency Structure Simulator (HFSS)
- National Instruments LabVIEW Academy
- Intel powered AI Lab
- Centre of Excellence for IoT supported by C-DAC, Bangalore



B.E. Mechanical Engineering

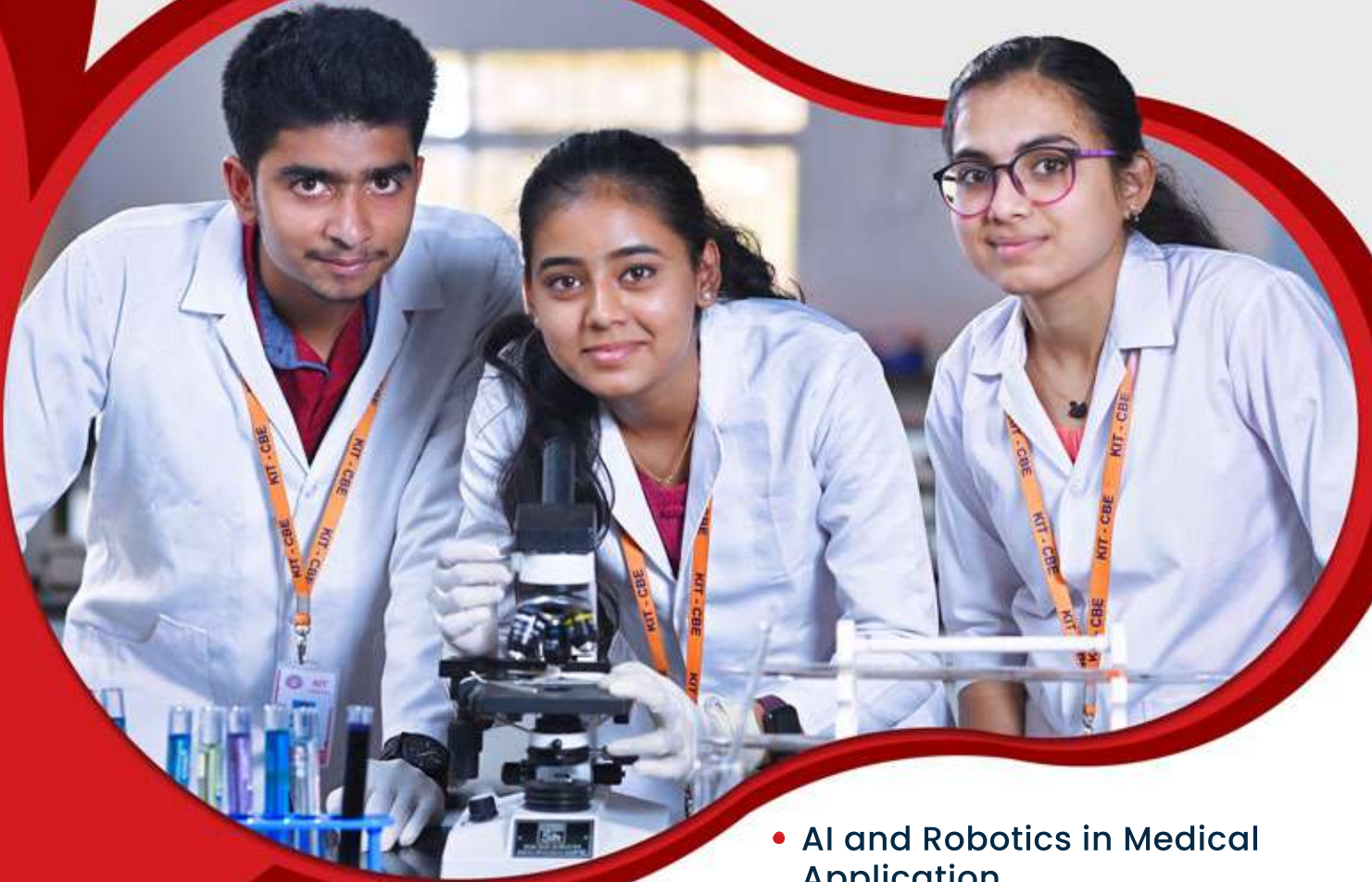


HIGHLIGHTS OF THE DEPARTMENT

- Accredited by NBA
- Recognized Research Centre of Anna University
- Product Development Centre
- BMW Skill Next Initiative
- 3D Printing Innovation Centre
- Mahindra & Mahindra and Hyundai powered Thermal Engineering Lab
- IIT Bombay supported e-Yantra Robotics Lab
- Centre of Excellence – Dassault Systemes, PTC powered CAD/CAM LAB
- Coimbatore Industrial Infrastructure Association (COINDIA) supported technical skill development course in Creo, Solidworks and ANSYS
- Ashok Leyland's 3i cell
- Hyundai demo car for research
- TANCAM– Tamilnadu Centre of Excellence for Advanced Manufacturing

B. Tech. Biotechnology

B.E. Biomedical Engineering



HIGHLIGHTS OF THE DEPARTMENTS

- Industry driven curriculum
- Recognized Research Centre of Anna University
- Bioremediation
- Bio-incubation facility
- Biomembrane for food packaging
- Valorization of industrial enzymes
- rDNA technology
- Biofuel production
- Exploration of phytoconstituents
- In silico drug designing
- Fabrication of drug delivery systems
- MoUs with leading Biotechnology firms
- AI and Robotics in Medical Application
- Anatomy and Human Physiology Laboratory
- Biosignal Analysis –ECG, EEG, EMG and EOG
- Computational Intelligence Laboratory
- Development of Biomaterials and Artificial organs
- Field training in Multispeciality Hospitals
- Hands on Training on Medical Equipment
- Hematology Laboratory
- Medical Assisted devices and Prosthetics Laboratory
- 3D Printing Technology
- MoUs with Leading Hospitals and Medical Equipment Industries

**B.E. Aeronautical
Engineering**

**B.Tech. Agricultural
Engineering**



HIGHLIGHTS OF THE DEPARTMENTS

- Accredited by NBA
- UAV Technology Centre, an exclusive centre supported by Centre for Aerospace Research, MIT, Anna University, Chennai
- Certification course in UAV Systems
- Drone Piloting License Training Course
- Satellite Design Centre supported by Jet Aerospace
- C-DAC Internship and training program in Drone Technology
- Unique flight laboratory with CESSNA 172 Trainer Aircraft
- MoU with Lincoln University College, Malaysia
- Aeronautical Sector Skill Council (ASSC)
- MoU with TNAU (TamilNadu Agricultural University)
- World class GIS & ICT
- Agriculture Engineering lab
- Emphasis on Organic farming and field exposure
- Certification course with ESCORTS Tractors Ltd. Bengaluru
- Centre of Excellence in Agricultural Land Surveying & DGPS Training
- Rural Agricultural Work Experience (RAWE) program for all students supported by Department of Agriculture Engineering Govt. of Tamilnadu.
- Centre of Excellence for 3D experience through TANCAM – Dassault Systemes

HIGHLIGHTS OF KIT



KIT is affiliated to **Madras Regimental Centre (MRC)**, Wellington, Ooty



IIT Kanpur

empowers students with critical thinking approach, scientific temperament and knowledge in science, engineering, management and humanities fields to solve problems that challenge humanity



AICTE- IDEA Lab facilitates conversion of an idea into a prototype



NITTTR

Faculty members update their knowledge on latest technologies for their career enhancement



National Cyber Security Research Council in Cyber Security & Artificial Intelligence



IIT Bombay initiated **e-Yantra Robotics and Embedded Systems laboratory** supports students to harness their skills in automation and solve problems across domains



- Dr. Vidhya Incubation Centre
- Product Development Centre
- Foreign Language Training

- KIT- Advisory Bureau of Higher Studies
- Entrepreneurship Development Cell

HIGHLIGHTS OF KIT



The centre offers 3D experience platform to accelerate experiential learning and train students on industry ready courses in Agricultural Equipment Design, Aerospace shape Engineering, Electric Vehicle Design, Structural Engineering, Medical Device design.



A unique initiative to develop products and solutions in the area of Data science and Machine Learning.



The laboratory builds capability of students and trains faculty with industry relevant data-centric skills and upskilling in latest Technology.



5G Antenna Innovation Hub develops students' skills in designing antennas for various applications



C-DAC enhances students knowledge and skills by offering training programs in IoT and Drone Technologies and fosters R & D activities



Cisco Hands-on training and case studies help students to develop critical thinking and complex problem-solving skills



Internationally recognised courses for the professional development of Faculty and Students



CENTRE FOR INDUSTRY INSTITUTE INTERACTION & HIGHLIGHTS OF TRAINING AND PLACEMENT

- Exclusive online portal to train students 24 x 7
- Value based quality placements customized as per student needs
- Grooming students technical skills in Fullstack development
- Challenging every limit to provide the best training catering to transforming next-gen technologies
- Campus Recruitment Training on core and software industries
- Ensures 100% placement for all eligible students



Soft Skills

- Communication Skills
- Resume Writing Support & Building Profiles
- Interpersonal Skills & Personal Branding

Aptitude Assessment

- Logical Reasoning
- Quantitative Ability
- Verbal Reasoning
- Mental Ability

Job Readiness Assessment

- Company specific Training and Assessment
- Mock Interviews
- Professional Orientation for Interviews via Live Sessions

Job Opportunities

- Career Readiness Training
- Pre/Post Placement Talks with Experts
- Escalates technical skills of students

- **KIT Toastmasters Club**, an internationally recognised Club, builds leadership and public speaking skills among students

200+
INDUSTRY

Connects for
**Internship &
Placement**

COURSES OFFERED

UG Programmes

- B.E. Aeronautical Engineering
- B.Tech. Agricultural Engineering
- B.Tech. Artificial Intelligence and Data Science
- B.E. Biomedical Engineering
- B.Tech. Biotechnology
- B.Tech. Computer Science and Business Systems
- B.E. Computer Science and Engineering
- B.E. CSE (Artificial Intelligence and Machine Learning)
- B.E. Electrical & Electronics Engineering
- B.E. Electronics & Communication Engineering
- B.E. Electronics Engineering (VLSI Design & Technology)
- B.E. Mechanical Engineering

PG Programmes

- M.E – Applied Electronics
- M.E – Computer Science & Engineering
- M.E – Engineering Design
- M.E – Power Systems Engineering
- M.E – VLSI Design
- Master of Business Administration
- Master of Computer Application

Research Programmes

- Ph.D in Biotechnology
- Ph.D in Chemistry
- Ph.D in CSE
- Ph.D in ECE
- Ph.D in EEE
- Ph.D in MECH
- Ph.D in Physics



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