



# KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY

(AUTONOMOUS)

Namakkal-Trichy Main Road, Tholurpatti, Thottiam, Trichy, Tamilnadu-621215, India

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai,

Accredited by NBA (CSE, ECE & EEE), Accredited by NAAC with B++ Grade,

Recognized by UGC with 2(f) & 12(B) and ISO 9001:2015 Certified Institution)

---

## Criterion III – Research, Innovations and Extension

### Key Indicator - 3.3 Innovation Ecosystem

#### 3.3.1 Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The institution creates an environment that encourages innovation and incubation. All necessary facilities are available, and students are given assistance. Students are encouraged to participate actively in the use of technology to meet societal requirements. Documentation, publication of research papers, and the acquisition of patents are all supported.

The Centre of Excellences(CoE's) is continuously supported to Faculty Members and Students to update their skills for converting their ideas into Prototype/Product. The CoE's are PCB Design and Development Centre, Signal Processing & Networking, Dell EMC Data Science and Big Data Analytics, Cisco Networking Academy, TVS Harita, IoT and Embedded systems laboratory [Texas Instruments and ABE Semiconductor Designs], Industrial Automation laboratory [Supported by Siemens and Mitsubishi], Centre for Energy Studies. College has recognized Research Centers in the departments and this would be an added advantage to the students to develop their Prototypes and faculty members can do their doctoral research.

KNCET is recognized as a Host Institute by the Ministry of Micro, Small and Medium Enterprise (MSME) for Business Incubation. Start-up policy is created for supporting entrepreneurship through the Ministry of Education, Institution Innovation Council (IIC),New Delhi. The sole objective of the Incubation Center is to facilitate students/entrprneurs to convert their Ideas into Technological Innovations. Students are provided facilities to build prototypes useful for solving various real time problems using recent technologies. Our institute is selected as Unnat Bharat Abhiyan(UBA), a flagship program of the Ministry of Education (MoE) Government of India . There are 5 villages to be taken care of by our institute to give technological solutions to the problems that they are facing.

Kongunadu Innovation Council (KIC) was established through the Ministry of Education's Institution Innovation Council (IIC), New Delhi for promoting innovation, entrepreneurship and Intellectual Property Rights(IPR) culture among the students and faculty members.We have organized various IIC Calendar,MIC drven and Self driven activities.

Funds have been received from AICTE, CSIR,DST, DBT, TNSCST, SERB, ISRO, MoE, IIC, EDII etc., for doing projects, establishing MODROBS lab, conducting various programmes and

events in recent technologies. Consultancy works have been undertaken from various industries. 31 Patents and 06 Industrial Designs are filed.

With a motive of establishing industries inside the campus, TryCAE Industrial Engineering Pvt Ltd, Trichy is being established. The college has signed various MoUs with industries, academics, hospitals and R&D Institutions. Students are encouraged to gain hands-on experience and better Industrial Exposure. Awareness meets, workshops, seminars and guest lectures on Entrepreneurship are organized. Students are provided opportunities to directly interact with outstanding entrepreneurs excelling in their field. Students are awarded cash prizes for best mini project models.

<http://www.kongunadu.ac.in/kongunadu-research/research-life-kongunadu.html>

<http://www.kongunadu.ac.in/kongunadu-research/kic/iic-activity.html>

<http://www.kongunadu.ac.in/kongunadu-research/patent-and-copy-right.html>