



TRINITY

COLLEGE OF ENGINEERING AND TECHNOLOGY

(An UGC Autonomous Institution)

Bandarikunta, Peddapalli-505 172, Dist:Peddapalli.(T.G.)

Approved by AICTE, Accredited by NAAC, Recognized under 2(f) of UGC

Affiliated to JNTU, Hyderabad & Affiliated to SBTET, Hyderabad.T.G..An ISO 9001:2015 Certified Institution
JNTUH COLLEGE CODE :UD COUNSELING CODE : TCEK SBTET COLLEGE CODE:425



This is to certify that **Trinity College of Engineering and Technology**, Peddapalli-505172, has established a **Fabrication Facility Laboratory (FABLAB) / Tinkering Laboratory / Innovation Laboratory** in accordance with the **guidelines and initiatives of the All India Council for Technical Education (AICTE)** to promote innovation, creativity, and hands-on learning among students.

The FABLAB is equipped with essential tools, machinery, and resources that enable students to **design, prototype, fabricate, and test innovative ideas and projects**. The laboratory supports multidisciplinary learning and encourages students to convert conceptual ideas into working models and prototypes.

The facilities available in the FABLAB / Innovation Laboratory include, but are not limited to:

- **Electronics Workstations** with soldering units and testing instruments
- **Mechanical Fabrication Tools** such as drilling machines, grinders, and hand tools
- **Microcontroller and Embedded System Kits** (Arduino, Raspberry Pi, etc.)
- **IoT and Robotics Development Kits**

The laboratory is utilized for **student projects, mini-projects, research activities, skill development programs, hackathons, innovation challenges, and startup-related activities**. Faculty coordinators and trained technical staff oversee the functioning of the laboratory and guide students in safe and effective usage.

The institution encourages participation in **AICTE initiatives such as Smart India Hackathon, Startup India, Innovation and Entrepreneurship Development Programs, and Institution's Innovation Council (IIC) activities** through the effective utilization of this facility.

Proper records of **equipment, utilization, student participation, and outcomes** are maintained as evidence for AICTE compliance.

Yours faithfully,

Principal

Trinity College of Engineering and Technology
Peddapalli-505172



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OUR INSTITUTION VISION

To be the fountain head in producing highly skilled, globally competent engineers.