



INVERTIS
UNIVERSITY BAREILLY

CSED

CENTRE FOR SKILL & ENTREPRENEURSHIP DEVELOPMENT

INDUSTRY INSIDE INVERTIS

FOR
INDUSTRIAL INTERNET OF THINGS (IIOT),
DATA ANALYTICS, MACHINE LEARNING,
DEEP LEARNING, ARTIFICIAL INTELLIGENCE
AND SMART MANUFACTURING

TECHNOLOGY PROVIDERS



Certification Partners





Dr. Umesh Gautam
Hon'ble Chancellor

MESSAGE FROM HON'BLE CHANCELLOR INVERTIS UNIVERSITY, BAREILLY

It gives me immense pride to present the Centre for Skill Entrepreneurship & Development (CSED), a flagship initiative envisioned to transform skill education at Invertis University. With multiple Centres of Excellence, advanced infrastructure, and a strong emphasis on project-based and experiential learning, CSED prepares students for real-world industry challenges. Set within our expansive campus, this initiative nurtures innovation, technical competence, and entrepreneurial spirit. I warmly invite students and stakeholders to engage with CSED and become part of a future driven by skill, innovation, and purposeful growth.



Mr. Parth Gautam
Hon'ble Pro Chancellor

MESSAGE FROM HON'BLE PRO CHANCELLOR INVERTIS UNIVERSITY, BAREILLY

As Pro-Chancellor, I am proud to support and strengthen CSED as a cornerstone of Invertis University's outcome-oriented academic vision. CSED seamlessly integrates industry-aligned skills, hands-on training, and project-based learning to bridge the gap between education and employability. Through global partnerships and a robust incubation framework, we cultivate professionals and entrepreneurs equipped to meet evolving industry demands. Our focus is on empowering students with practical expertise, confidence, and leadership qualities that enable them to perform, innovate, and succeed in a competitive global environment.

ABOUT CSED

Invertis University, Bareilly, is keenly committed to promoting Skill and Entrepreneurship Development initiatives, with Dassault Systèmes, PTC, HP, Intel, Ansys and Mastercam as Technology Providers. The Centre for Skill & Entrepreneurship Development (CSED) aims to strengthen technical education infrastructure and promote industry-relevant skill development, acting as a catalyst for inclusive and sustainable industrial development and employment generation for the local community.

ABOUT THE UNIVERSITY

Invertis University is located in Bareilly on NH-24, strategically positioned equidistant from the nation's capital, Delhi, and the state capital, Lucknow. Established in 1998 with just 83 students and a single institute, the University has grown remarkably into a fully fledged institution comprising nine institutes. Invertis offers a wide spectrum of Doctoral, Postgraduate, and Undergraduate programmes across Management, Computer Applications, Engineering, Law, Pharmacy, Journalism & Mass Communication, Fashion Design, and Applied Sciences & Humanities. The University believes that a teacher's success is reflected in a student's achievements; therefore, it is committed to delivering quality education through highly qualified faculty from premier institutions such as IITs, IIMs, and NITs. Invertis pioneered a holistic development approach that goes beyond classroom learning to encourage all-around growth, inspired by the philosophy of maintaining balance, discipline, and clarity of thought. Faculty members actively nurture talent and recognize excellence not only in academics but also in co-curricular and real-world achievements. Supporting this ecosystem is a strong alumni network that continues to guide and mentor students even after graduation.



Our Programs

INDUSTRIAL IOT



- **FUNDAMENTALS OF IOT DEVELOPMENT**
- **INDUSTRIAL COMMUNICATION PROTOCOLS & CONNECTIVITY**
- **INTRODUCTION TO DATA ANALYTICS**
- **MACHINE LEARNING**
- **ADVANCE DATA ANALYTICS / DEEP LEARNING**
- **ANALYTICS WITH THINGWORX/ ARTIFICIAL INTELLIGENCE**



SMART MANUFACTURING



- Product Development
- Product Manufacturing
- Basics Of Industrial Automation
- Advanced Industrial Automation
- Factory IIOT
- Product Analysis

PRODUCT DEVELOPMENT



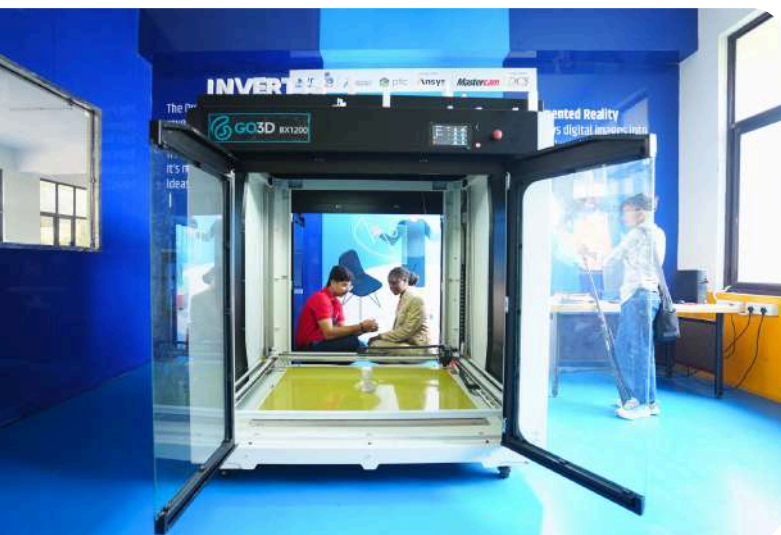
PRODUCT MANUFACTURING





INDUSTRIAL AUTOMATION

SMART MANUFACTURING



REVERSE ENGINEERING

Glimpses of Success



AQUA SENSE



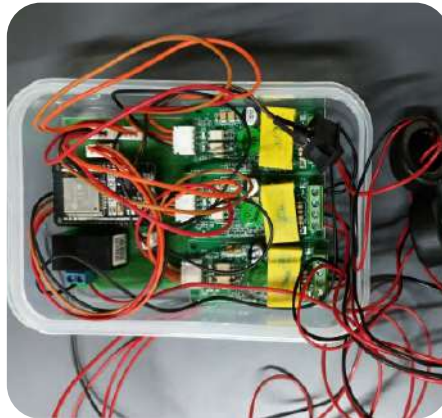
**OBSTACLE AVOIDANCE
ROBOTIC VEHICLE**



SMART STREET LIGHTS



**INDOOR AIR QUALITY
MONITORING**



**THREE-PHASE ENERGY
METER (MFM)**



**SMART ATTENDANCE
DEVICE**



GARUD EV



**CONTENT CREATION
THROUGH AR/VR**



E - BIKE



CSED VISION

To become a world-class Facility center, transforming ambitious students into highly skilled professionals and nurturing the next generation of entrepreneurs who drive innovation and excellence.



CSED MISSION

To foster employability and entrepreneurship through diverse technical skills, contributing to inclusive growth and sustainable development.



Mohd. Talha Khan
Director

MESSAGE FROM THE DIRECTOR, INDUSTRY PARTNERSHIP & CSED

It is an honor and pleasure to welcome you to the Centre for Skill Entrepreneurship & Development (CSED) at Invertis University. Here, industry-academia collaboration is a living practice shaped by over 14 years of experience in building meaningful partnerships and future-ready programs. In association with global industry leaders, we offer hands-on, certified learning and strong innovation support. Our commitment is to nurture skilled professionals, innovators, and entrepreneurs who are prepared to lead, create, and contribute to tomorrow's world.

 **Invertis University, Highway NH-24, Bareilly**

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