SCHOOL OF ENGINEERING & TECHNOLOGY

B. TECH - MAJOR DEGREE

MINOR DEGREE

B.TECH - MAJOR DEGREE	MINOR DEGREE
Civil Engineering	Ar ficial Intelligence & Machine Learning Data Science Internet of Things Waste Technology Energy Engineering
Computer Science and Engineering Computer Science and Engineering (AI & ML) Computer Science and Engineering (Data Science)	Waste Technology Energy Engineering Robotics Electrical Vehicle
Electronics & Communica on Engineering	Energy Engineering Robotics Electrical Vehicle
Electrical and Computer Engineering	Ar ficial Intelligence & Machine Learning Data Science Internet of Things Waste Technology Energy Engineering
Electronic Engineering (VLSI Design and Technology)	Energy Engineering Robotics Electrical Vehicle
Mechanical Engineering	Ar ficial Intelligence & Machine Learning Data Science Internet of Things Waste Technology
All Branches Eligible for minor Degree in	Project Management

I.T.S ENGINEERING COLLEGE, GREATER NOIDA
Affiliated to AKTU, Lucknow

ITS
The Education Group
Ghaziabad • Greater Noida
(Estd. : 1995)

365+ COMPANIES VISITED 2021-2022 FOR PLACEMENT

250+ COMPANIES VISITED 2022-2023 FOR PLACEMENT

* STILL GOING ON

RANKED #4 IN TOP ENGINEERING INSTITUTES OF INDIA BY COMPETITION SUCCESS REVIEW (CSR)

MoE Innovation Cell has recognized our ITSEC IIC as Mentor for Mentor-Mentee Program for harnessing innovation capacity building of other five institutions.

SEVENTY-TWO NUMBERS OF PROOF OF CONCEPT (POC) HAVE BEEN DEVELOPED AT OUR NEWGEN IEDC.

INSTITUTE HAS CREDIT OF 03 PATENTS GRANTED, 40 PATENT PUBLISHED AND 23 PATENTS FILED TILL DATE.

08 COMPANIES HAVE BEEN INCORPORATED BY OUR INCUBATEES

START IN UP INCUBATION CENTRE APPROVED BY UP GOVERNMENT THROUGH UPLC FROM 2022 WITH A GRANT OF RS. 2.5 CRORES.

I.T.S ENGINEERING COLLEGE IS AN ENGINEERING COLLEGE IN GREATER NOIDA THAT OFFERS THE BEST PROGRAM IN BACHELOR IN TECHNOLOGY (B TECH) AND MASTER OF BUSINESS ADMINISTRATION (MBA) IN UNIQUE AREAS. IT IS AFFILIATED TO DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY AND IS A PART OF ITS EDUCATION GROUP.

HIGHLIGHTS

- Part of 28-year old exceptional education legacy of ITS.
- Ranked amongst top 151-300 band in **NIRF Innovation ranking 2023** across pan India
- Ranked amongst top Five by CSR in all India ranking of **"Outstanding Engineering Colleges of Excellence"**
- Pan India highest Rating by Institution's Innovation Council (IIC), Ministry of Education, Govt. of India in last 4 years
  *4 Star in 2022 * 4 Star in 2021
  * 5 Star in 2020 *3 Star in 2019
- Excellent ARIA Rank 2021 & ARIA Ranking 6-25 amongst 'Private Institutions' 2020*
- Pool of Illustrious faculty with Doctorates, IITians & NITians
- Strong and Resourceful network of over 2000 alumni.
- Regular Expert Talks, National & International Seminars, Conferences with renowned speakers from industry and academia.

APPROVED INNOVATION & INCUBATION CENTRES
- DST Recognized Innovation & Incubation Centre NewGen IDC with 2.87 Crores total Grant (Support of 2.5 Lakhs per Prototype)
- MSME Approved Business Incubation Centres
- Startup in UP Incubation Centre Approved by UPIT, Govt. of Uttar Pradesh with approved Grant of 2.5 Crores.

SKILL ENHANCEMENT CENTRES
- Apple iOS, AWS Academy, CISCO, Networking, Rockwell Automation, National Instruments, SALT, e- Yantra (ioT & Robotics), SMC Pneumatics and Automation, IoT
- 200+ companies visited 2021-2022 placements
- State of art infrastructure

Entrepreneurship Development Cell organizes various entrepreneurial development activities supported by the Department of Science Technology (DST), Govt. of India. EDC motivates students for being job creators and educates them on how to start their own venture.

Incubation and Entrepreneurship Development since 2015.

Business Incubator by Ministry of Micro, Small Medium Enterprises (MSME) since 2015.

• **Granted Rs. 30 Lakhs for awareness & prototype development**
• **Prototype Development grant of Rs. 15 Lakhs under MSME Idea Hackathon.**
• NewGen IEDC DST, since 2018, to "promote knowledge based technology-startup by young minds and their innovation in an academic environment"
• **Grant of Rs. 2.87 Crores by DST for 85 innovative ideas over a period of 5 years.**

ENTREPRENEURSHIP DEVELOPMENTCELL (EDC)

PLACEMENT IN CORE COMPANIES THROUGH HANDS ON EXPERIENCE ON LATEST TECHNOLOGIES

FOCUS ON INCUBATION AND START-UP VENTURES

ARIIA (MoE) ranking in Top Twenty-five institutions in 2020 and "Excellent Band" in 2021

THE INCUBATION CENTER OFFERS
• **Start in UP Incubation Centre through UPLC from 2022 Grant of Rs. 2.5 Crores.**

• **Sustenance allowance of Rs. 17,500**

• **Prototype Grant of Rs. 5,00,000.**

• **Capital/ Marketing Grant of Rs. 7,50,000**

• **8 Company incorporated in 2020 as Incubation Centre to promote entrepreneurship**

THE LEADING INCUBATOR OF U.P.

Contribution in Entrepreneurship Development via organizing various programmes like Entrepreneurship Awareness Programme (EAC), Entrepreneurial Development Programme (EDP), Women's Entrepreneurial Programme (WEDP), Technology Based Entrepreneurship Development Programme (TEDP) and Faculty Development programme supported by DST-NIMAT.
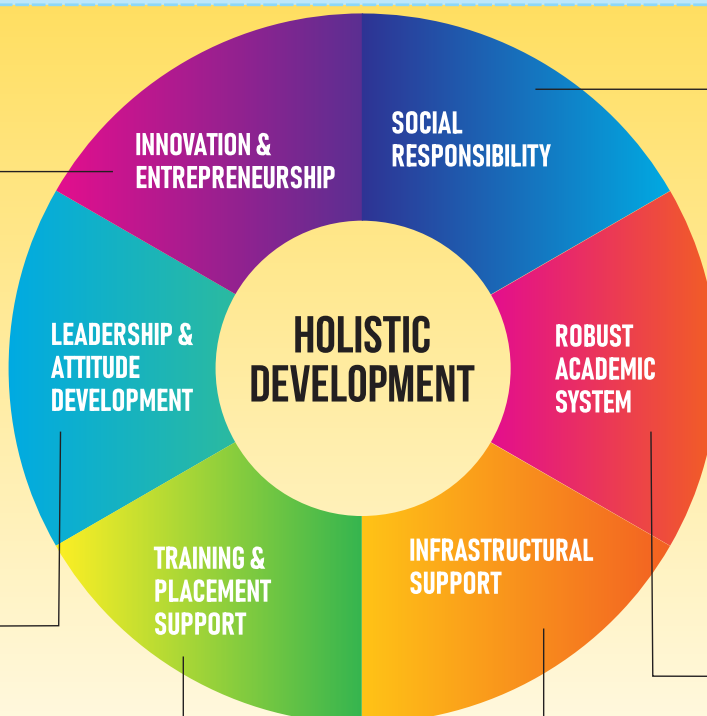
STUDENT CENTRIC POLICIES

At the time of Admission and during study in the college scholarships are as mentioned below:
- 30%, 20% & 10% Scholarship to Sports & Cultural National/ State/Zonal level Competitions respectively
- 30% Scholarship to Defence Category Dependent of Serving Personnel/Ex-Servicemen/retired personnel
- 70% Scholarship to Defence Category Dependent of recipient of any of the gallantry awards

- MSME Incubation Center
- NewGen IEDC Innovation and Incubation support
- Start in UP UPIT Incubation Center
- Problem solving & design thinking
- Selection of mini projects and project on realistic problems
- Supporting and hand holdings for research publications, product development and IPRs
- Guidance and support for Entrepreneurship
- Spreading innovation culture

- Student Committees and Clubs work under college management; funds are allocated to the committees. Students works for the College activities and organizes Events.
- Literary Events
- Cultural Events
- Sports Event
- Technical Events

HOLISTIC DEVELOPMENT

- INNOVATION & ENTREPRENEURSHIP
- SOCIAL RESPONSIBILITY
- LEADERSHIP & ATTITUDE DEVELOPMENT
- ROBUST ACADEMIC SYSTEM
- TRAINING & PLACEMENT SUPPORT
- INFRASTRUCTURAL SUPPORT

- At the time of Admission and during study in the college scholarships are as mentioned below Based of PCM %age scholarships from 60% to 20% in tuition fee is awarded
- Proper Curriculum planning and delivery, Curriculum Enrichment and Quality Assurance
- Regular Guest Lectures
- Identification of Slow & Fast Learner.
- Reward and Appreciation for meritorious students.
  - 2019-20 - 48 Students Rs. 2,25000/-
  - 2020-21 - 73 students, Rs. 3,40000/-

- Mandatory Industry Ready Skill Enhancement Trainings
- Technological Industry Ready Skill Enhancement Trainings
- Aptitude, Reasoning, Group Discussion & Mock Interview

- Special labs with 24x7 availability
- Accessibility to Laboratories, Workshops and Library beyond working hours
- Financial and Non-Financial support (Equipment, software, Raw material, Travel Grants, Logistics, incentives etc.)

INDUSTRIAL VISITS

SKILL ENHANCEMENT CENTERS

CISCO NET ACED CENTER

AWS ACADEMY

ROCKWELL AUTOMATION SKILL ENHANCEMENT CENTER

SOFTWARE TESTING LAB

SMC PNEUMATICS & ELECTRO PNEUMATICS

IOT

NATIONAL INSTRUMENTS INNOVATION CENTER
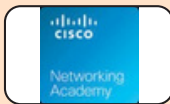

APPLE iOS

E-YANTRA

I.T.S Engineering College owns nine state-of-the-art Skill Enhancement Centers (SEC) that aim to bridge the gap between Industry and academia by producing employable industry - ready students. Here the students get an easy access to latest technologies in their respective fields that enhance the chances of getting them placed in the organizations of repute. The students get acquainted with the niche skills that are to be used in industry, which gives them a cutting edge over others in the competitive market.

AWS ACADEMY
AWS ACADEMY provides higher education institutions with a ready-to-teach cloud computing curriculum that prepares students to pursue industry-recognized certifications and in-demand cloud jobs.

CISCO NET ACED CENTER
CISCO Networking Academy (CISCO Net Acad) provides access to industry-relevant curriculum and content in areas of Networking, Cyber Security, Programming, IoT, Programmable Infrastructure and Linux to institutions

NATIONAL INSTRUMENTS INNOVATION CENTER
National Instruments Innovation Centre prepares skilled engineers, ready for industry which enables them for real time data acquisition, testing and industrial automation. Also, the CLAD certification makes them eligible for next levels thereby enhancing the career opportunities for students.

ROCKWELL AUTOMATION SKILL ENHANCEMENT CENTER
Rockwell Automation Skill Enhancement Center provides industrial environment and exposure to train the students in the field of PLC/SCADA which are the most demanded technologies in the automation industry.

SMC PNEUMATICS & ELECTRO PNEUMATICS
This center provides industry relevant training in Industrial Automation and Mechatronics areas. The exposure is provided in Pneumatics, Electro pneumatics, Hydraulics, Vacuum Technologies, Robotics, Process Automation, Drives including stepper and servo motors & PLC.

E-YANTRA
In collaboration with IIT Mumbai and sponsored by MHRD, Govt of India, eYantra aims to produce next generation embedded system and robotics engineers with practical outlook to solve real world problems.

SOFTWARE TESTING LAB
In collaboration with Indian Testing Board & School of Applied Learning in Testing, the ITSEC has taken this unique initiative where a hands-on exposure on software testing is given to students.

IOT
Internet of Things (IOT) center consists of various sensors and microcontroller boards which aims to train students on IOT platform and work on various other development boards like Arduino, Node MCU, IOT Bolt, STM32 Nucleoboard (ST Microelectronics) along with their interfacing with various sensors and I/o devices.

APPLE iOS
Apple iOS Apps Development Program provides an excellent platform to the students to have an exposure of iOS Development Environment & design and develop applications for various Apple devices like iPhone, iPod, iPad.