

**ITS ENGINEERING  
COLLEGE**

**GREATER NOIDA | SINCE 2006**

College Code: 222

Approved by



INSTITUTION'S  
INNOVATION  
COUNCIL

NBA  
NATIONAL BOARD  
OF ACCREDITATION

NAAC

NATIONAL ACADEMIC ACHIEVEMENT COUNCIL



**I.T.S ENGINEERING COLLEGE**

**B.TECH**



**INFORMATION BROCHURE**





## ACCREDITATIONS & AWARDS

I.T.S Engineering College, Greater Noida is a NAAC accredited technical and management institute having an NBA accredited Electronics and Communication Engineering branch.



I.T.S Engineering College, Greater Noida, is an integral part of I.T.S -The Education Group, which boasts a remarkable 30 year legacy in the field of education. The college is approved by AICTE, New Delhi and affiliated to AKTU, Lucknow and has earned a reputation for academic excellence in providing academic programs in Engineering and Management. The courses offered are B.Tech & MBA.

## Major & Minor Degree

### Civil Engineering

Artificial Intelligence & Machine Learning  
Data Science  
Internet of Things

### Computer Science and Engineering

Computer Science and Engineering (AI & ML)  
Computer Science and Engineering (Data Science)

Robotics  
Electrical Vehicle

### Electronics & Communication Engineering

Energy Engineering  
Electrical Vehicle

### Electrical and Computer Engineering

Artificial Intelligence & Machine Learning  
Data Science  
Internet of Things  
Robotics

### Mechanical Engineering

Artificial Intelligence & Machine Learning  
Data Science  
Internet of Things

All Branches Eligible for minor Degree in  
Project Management



# COURSES OFFERED @ ITSEC

## Computer Science and Engineering >>

The Computer Science & Engineering (CSE) Department is committed to delivering quality education in the field of computer science. It strives to be a center of excellence, offering education and consultancy in emerging technologies using modern tools. With a focus on international standards, the department aims to develop globally competent, innovative, and self-disciplined computer engineers, equipping them with the skills needed to excel in the ever-evolving tech industry.

### Career Options

- Block chain Architect
- Cloud Engineer
- Cloud Developer
- App Developer
- UX Developer
- Network Engineer
- SEO Analyst
- Software Developer
- Web Developer



## Computer Science and Engineering- Artificial Intelligence & Machine Learning >>

The Computer Science and Engineering in Artificial Intelligence & Machine Learning (CSE-AIML) Department is at the forefront of technological innovation. With AI & ML revolutionizing automation, our program equips students with cutting-edge skills to harness their potential. Emphasizing problem-solving, critical thinking, and hands-on learning, we prepare students for industry challenges. Through advanced tools, real-world projects, and expert mentorship, we nurture future-ready professionals capable of driving AI-driven advancements across industries.

### Career Options

- Machine Learning Engineer
- Artificial Intelligence Engineer
- Big Data Engineer
- Business Intelligence Developer
- AI Data Analyst
- AI Architect



## Computer Science and Engineering- Data Science >>

The Computer Science and Engineering in Data Science (CSE-DS) Department focuses on transforming data into meaningful insights through advanced analytics, and machine learning. With a strong emphasis on hands-on learning, industry-relevant tools, and expert mentorship, students gain expertise in big data, predictive modeling, and data-driven decision-making. The department prepares future-ready professionals to excel in data science, driving innovation across industries through intelligent solutions and cutting-edge technologies.

### Career Options

- Big Data Engineer
- Data scientist
- Business Analyst
- Technical Manger
- Business Manger
- Data Architect
- Data Analyst



## Civil Engineering >>

The Civil Engineering Department focuses on excellence in education, research, and industry collaboration. With modern labs, experienced faculty, and an industry-relevant curriculum, we cover structural, geotechnical, transportation, and water resource engineering. Students gain hands-on experience through projects, internships, and workshops. Committed to innovation and sustainability, we strive to develop skilled civil engineers who contribute to infrastructure growth and societal progress.

### Career Options

- Design Engineer
- Software Analyst
- Quality & Testing Engineer
- Survey Engineer
- R & D Engineer
- Design Analyst





# COURSES OFFERED @ ITSEC

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## Mechanical Engineering >>

As one of the founding departments of ITS Engineering College, the Mechanical Engineering Department plays a vital role in advancing processes, technology, and equipment for societal progress. It provides students with practical knowledge through state-of-the-art laboratories, industrial visits, and value-added courses, ensuring they gain hands-on experience. The department is dedicated to innovation and excellence, contributing to the development of technology for the betterment of society and humanity.

### Career Options

- Production Manager
- Quality Manager
- Testing Engineer
- Service Engineer
- Supply chain Manager



## Electronics & Communication Engineering >>

The ECE Department at our ITSEC is dedicated to academic excellence, research, and innovation. With a strong focus on communication systems, embedded technology, VLSI, and IoT, we equip students with industry-relevant skills. Our state-of-the-art laboratories, expert faculty, and hands-on learning through projects, internships, and workshops enhance technical expertise. Committed to technological advancement and problem-solving, the department nurtures future engineers to contribute to the evolving fields of electronics, communication, and digital transformation.

### Career Options

- CAD Engineer
- Embedded Engineer
- Network engineer
- Telecom Engineer
- Electrical and computer engineering
- Robotics Scientist
- IoT Manager
- Quality & Testing Engineer



## Electrical and Computer Engineering >>

The Electrical and Computer Engineering (ECE) Department blends electrical engineering fundamentals with modern computing technologies. With a focus on power systems, embedded systems, AI, and IoT, the department equips students with industry-relevant skills. State-of-the-art labs, expert faculty, and hands-on learning through projects and internships enhance technical expertise. Committed to innovation and research, we prepare future engineers to drive advancements in electrical, electronics, and computing technologies.

### Career Options

- Design engineer
- Project engineer
- Controls engineer
- Industrial engineer
- Aerospace engineer
- Broadcast engineer
- Cyber security analyst
- Production manager
- Software engineer



# EXPLORE EXPERIMENT EXPERIENCE

**SUCCESS IS WHERE  
PREPARATION  
AND OPPORTUNITY  
MEET,**





## The World of AI Intel Learning

The Artificial Intelligence Lab established in the Department of Computer Science and Engineering under Intel Unnati is an industry-academia initiative focusing on pioneering research and applications in Artificial Intelligence and Machine Learning. It offers an industry-relevant exposure in AI, Machine Learning (ML), High-Performance Computing (HPC), and Data Science through modern tools and resources. Intel provides high-end computing servers, OneAPI software solutions, and PBS Compute capabilities that help students develop real-world applications by creating intelligent systems and investigate deep learning in fields like data analytics, computer vision, and natural language processing. Through projects and experiential learning, the lab encourages creativity and equips students for the next wave of AI-driven technology.

## THE WORLD OF

# AI LEARNING

### Powering the Future of AI & ML

#### High-Performance Intel-Powered Infrastructure

- Intel Xeon Silver 4410Y & Intel Xeon Gold 6430 Processors with up to 32 cores & 64 threads for AI, ML, and HPC workloads.
- TruDDR5 4800MHz high-speed memory for faster data processing.
- RAID 540-8i PCIe Gen4 Storage Controller for enhanced reliability and performance.
- Nvidia A40 48GB dual card.



# Intel® Unnati

Data-Centric Labs in Emerging Technologies





## Apple iMac Lab »

The Apple iMac Lab in the Department of Computer Science and Engineering with State-of-the-Art Technology provides a dedicated space for students to develop and innovate iOS applications. Lab is Equipped with the latest Apple hardware and software, the lab enables hands-on learning in Swift programming, app development, and UI/UX design. It fosters creativity and industry collaboration, preparing students for careers in the mobile app ecosystem.

### Lab Highlights: Experience the Future of Computing

- All-In-One Desktop with powerful performance
- Ultra-fast 8 core Apple M3 Chips
- Crystal clear visuals with vibrant colors.
- Sleek & Thin Design
- Explore your creativity in our modern iMac Lab,
- Equipped with the latest iMacs powered by Apple M3 chips
- 8GB RAM
- 245GB SSD storage
- Running macOS Sonoma 14.6.1
- Sharp Retina displays
- Top software like Adobe Creative Cloud, Final Cut Pro, and Xcode

It is perfect for design, video editing, and coding. Fast internet, comfortable workstations, and helpful on-site support to make projects shine.

iMac  
**Brilliant.**





# SKILL ENHANCEMENT CENTERS



## MANDATORY FOR ALL B.TECH BRANCHES

- Advance C Programming (40 Hours)
- Data structure & Algorithm Using C Programming (90 Hours)
- Data structure & Algorithm Using C++ Programming (90 Hours) (Mandatory CSE and Allied Branches)
- OOPs with C++ (60 Hours) (Mandatory CSE and Allied Branches)
- Problem Solving & Algorithm (60 Hours) (Mandatory CSE and Allied Branches)
- Written and Verbal English Communication (40 Hours)
- Personality development Program (40 Hours)
- Resume Writing, Group Discussions & Mock Interviews (40 Hours)
- Aptitude & Reasoning (60 Hours)

## Optional Trainings

- Data structure & Algorithm Using Python (60 Hours) (All Branches)
- Advance IoT and Robotics (90 Hours) (All Branches)
- Artificial Intelligence & Machine Learning (60 Hours) (All Branches)
- Data Science (All Branches) (60 Hours) (All Branches)
- Data Analytics (60 Hours) (All Branches)
- Microsoft Azure Cloud Computing (40 Hours) (All Branches)
- AWS Cloud Practitioner (40 Hours) (All Branches)
- Salesforce (60 Hours) (All Branches)
- AWS Solutions Architect (90 Hours) (All Branches)
- AWS DevOps (60 Hours) (For CSE and Allied Branches)
- Cyber Security (60 Hours) (For CSE and Allied Branches)
- NI-Labview (40 Hours) (For ECE and E&CE)
- MATLAB Programming (All Branches)
- SPICE/ORCAD/MULTISIM (60 Hours) (For ECE and E&CE)
- PLC/SCADA Automation (40 Hours) (All Branches)
- AutoCAD: 2D Drawing, 3D Drawing and Drafting of design (40 Hours) (For Civil Engineering)
- STAADPro : Analysis of Structure for Deflection, Stability and Serviceability (For Civil Engineering)
- Primavera: Quantity Estimation for Construction of Structures& Help Maintain the Scheduling of Projects (For Civil and Mechanical Engineering)
- Microsoft Project: Scheduling of Project Tracking & updating of Project (For Civil & Mechanical Engineering)
- AutoCAD 360 (degree sign) (40 Hours) (For Mechanical Engineering)
- Solidworks (60 Hours) (For Mechanical Engineering)
- Pneumatic & Electro-Pneumatic Automation (For Mechanical Engineering)
- Project & Mini Project Using FAB Lab (All Branches)





## FAB LAB @ ITSEC



### IF- YO- NO

IF-YO-NO is an open-source microcontroller board designed for robotics and automation, offering enhanced multitasking, improved communication and expanded memory. Made in India, it aims to empower students, professionals and makers with a high-performance alternative to existing microcontrollers.



### Milk Adulteration Testing Kit

The Chemical-Based Automated Milk Adulteration Testing Unit is an innovative device that efficiently detects multiple adulterants in milk with high accuracy and automation. It enhances consumer safety, speeds up testing, and integrates data for better quality control in the dairy industry.

### IoT-based Smart Mirror

The IoT-based Smart Mirror is an intelligent device that integrates multimedia, security, and health monitoring features, offering real-time updates, face unlocking and voice commands. It is designed for various applications including residential, healthcare and commercial sectors.



### Vertical Mop Robot

It is an advanced robotic system designed for efficient and safe cleaning of skyscraper glass facades and cemented surfaces, eliminating the need for manual labor and scaffolding. It operates vertically, ensuring full building coverage while integrating inspection capabilities. This innovation enhances maintenance efficiency, safety and sustainability in high-rise building upkeep.





## INNOVATION, INCUBATION AND ENTREPRENEURSHIP SUPPORT SYSTEM

### Achievements & Awards



StartIN-UP (Govt. of UP Initiative)

**Rs. 2.5 Cr Grant  
Recieved**



MSME Business Incubation Centre

**Rs. 1.9 Cr Grant  
Received**



NewGen IEDC (DST, Govt. of India)

**Rs. 2.87 Cr Grant  
Received**

- Received various grants from different Government Organizations (MSME, DST-NewGen, StartinUP etc.) to Promote Innovations, Entrepreneurship and Startup Eco system.
- 06 incubated start-ups assured for Grants of Rs. 40 lakhs from StartinUP for prototyping and marketing support.
- 03 women ideas secured grant of Rs. 41.20 lakh in MSME Women Idea Hackathon 3.0 (2024).
- BigBlare Innovations LLP, a startup led by our Alumni, was honoured with the prestigious award for "Innovations in Product Development" by Shri Sunil Kumar Sharma, Minister of IT & Electronics, Govt. of UP, at the "eUttar Pradesh Summit: Powering the IT & Electronics Revolution" organized by the Department of IT & Electronics, Government of Uttar Pradesh on November 14, 2024.
- 02 standout startups, Verdant Motors Pvt. Ltd. (Alien Bikes) and Big Blare Innovation LLP, showcased their innovations in Startup Mahakumbh-2024.
- 04 startups actively participated in Uttar Pradesh International Trade Show-2024 namely BigBlare Innovations LLP, Merec Climate Pvt Ltd, Tripo Saints Pvt. Ltd. and Hindgrow Huassin Pvt. Ltd.
- Also established the Institution's Innovation Council(IC) in 2018 and enthusiastically organising various activities of Ministry of Education (MOE), Government of India Innovation Cell and self-driven activities for fostering innovation culture among students.
- Awarded continuously IIC Top Star Ranking in 2019, 2020, 2021, 2022, 2023 and 2024.
- Recognized and appreciated by MIC, GOI for being mentor institute in 2021-22, 2022-23 and 2024-25 for Mentor-Mentee Program to harness innovation and capacity building of other institutions.



# Placement Galore @ ITSEC

## HIGHEST PACKAGE

**PRAKARTI GOYAL**

B.Tech (CSE)  
Batch 2020-24

**49 LPA**



**UDIT BHASKAR**

B.Tech (CSE)  
Batch 2019-23

**23 LPA**



- No. of Companies Visited
- No. of Single Offers
- No. of Offers

## THREE YEARS PLACEMENT STATISTICS



## OFFERED PACKAGES LAST 3 YEARS

Company	Offered Package
Microsoft	59LPA
LinkedIn	42LPA
Code Nation	29.5LPA
Dunzo	28LPA
Adobe India	24LPA
Duco Consultancy	23LPA
Uber	18LPA
Josh Technology Group	17LPA

## OUR MAJOR RECRUITERS







**JEewan KUNDU**  
CSE (Batch 2020-24)



**SANYA SINGH**  
CSE (Batch 2020-24)



**SHARIQ AHMAD KHAN**  
CSE (Batch 2020-24)



**ANAND PRAKASH**  
CSE (Batch 2020-24)



**RIYA KUMARI**  
CSE (Batch 2020-24)



**AVISHKA KATIYAR**  
CSE (Batch 2020-24)



**PRIYANSHU SINGH**  
CSE (Batch 2020-24)



**MADIYA FAYAZ**  
CSE (Batch 2020-24)



**ANKIT YADAV**  
CE (Batch 2020-24)



**SURAJ KUMAR**  
ME (Batch 2020-24)



**KONIKA THAKUR**  
ME (Batch 2020-24)



**MD AAMIR RAZA**  
ME (Batch 2020-24)



**VIKRAM KUMAR JHA**  
ECE (Batch 2020-24)



**AMAN PRATAP SINGH**  
ECE (Batch 2020-24)



**RAJU KUMAR**  
ECE (Batch 2020-24)



**PALAK GUPTA**  
CSE (Batch 2020-24)





# ALUMNI

## NOTABLE ALUMNI

**Deputy Comdt. Ankit Bhandari**  
ME (2012-16)  
Indian Coast Guard

**Lt. Cdr. Ankit Gaur**  
ME (2014-17)  
Indian Navy

**Maj. Kumer Singh Rana**  
ME (2010-14)  
Indian Army



**Gaurav**  
ME (2006-10)  
Maruti



**Karuna**  
ME (2006-10)  
Amazon



**Waqar Hamza**  
CSE (2009-13)  
SAP



**Mohammad Shadaan Husain**  
CSE (2010-14)  
Deloitte



**Sunil Yadav**  
ME (2010-14)  
ONGC



**Paridhi Mathur**  
CSE (2010-14)  
TCS



**Shailesh Dwivedi**  
ECE (2012-16)  
Akamai Technologies



**Abhishek Jaiswal**  
ECE (2016-20)  
NTT Data



**UMANG TYAGI**  
CSE (2017-21)  
Infosys



**VINAY KUMAR**  
ME (2018-22)  
Genpact



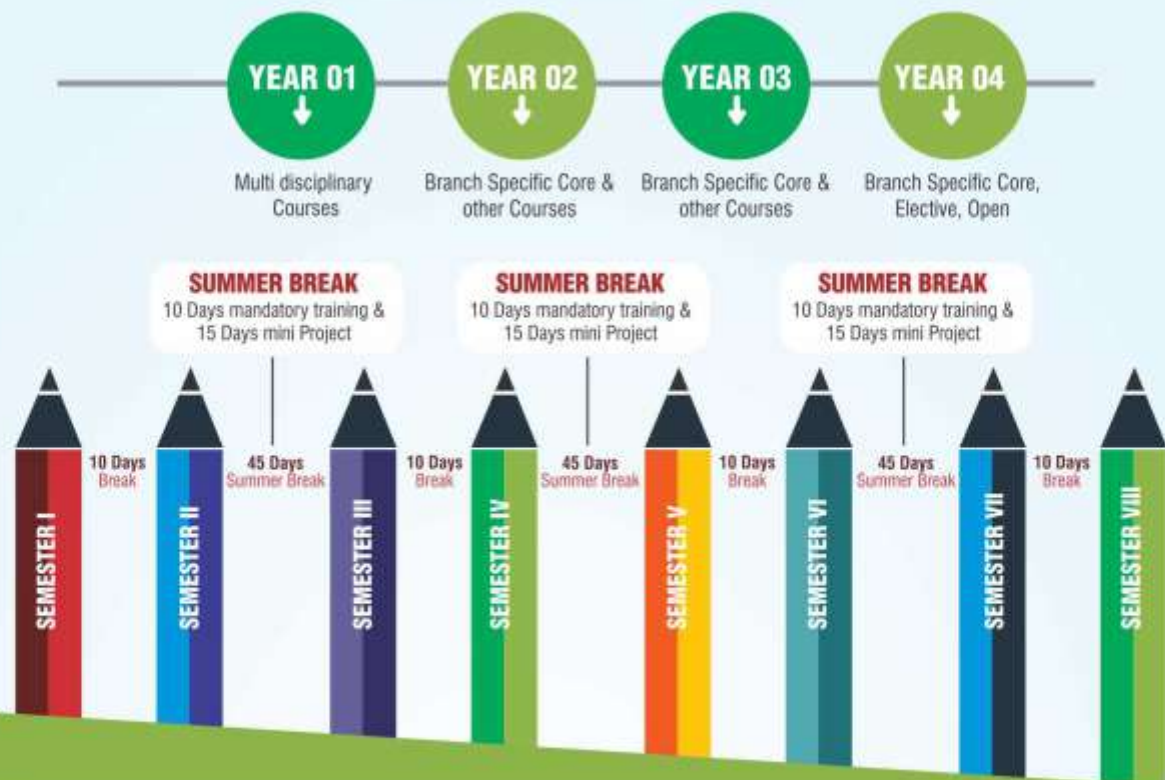
**VINAY KUMAR**  
ME (2018-22)  
Genpact



**Apurva**  
CSE (2018-22)  
Microsoft



# ITSEC B.Tech Academic Life



## Semester I & II

- In the 1st Year students are introduced to a wide range of fundamentals of learning multi-disciplinary engineering and science based and Mathematics mandatory courses.
- Apart from the curriculum there are Communication, Personality Development Classes, online Coding preparation & hands on skills enhancement mandatory training programs. On the basis of performance certificate will be issued.
- Upon completion of 1st Year summer break of 45 days. Out of that 10 days mandatory training and 15 Days for mini-project.

- In 3rd year students again concentrate on Core & Elective courses of their choice. Other courses related to Constitution of India, Law and Engineering / Indian Tradition, Culture and Society courses alternately in V and VI semesters are included in curriculum.
- Apart from curriculum there will be a minimum of 8 days mandatory training in each semester. On the basis of performance certificates will be issued.
- At the end of the II Year there is a summer break of 45 days. Out of that 10 days mandatory training and 15 Days for mini-project. The students may also utilize 20 days by taking an independent internship.
- In the summer break after III Year there is a mandatory 35 days industrial internship in the area of student interests.

## Semester III, IV, V & VI

- The 2nd and 3rd Years are strongly focused on academic curriculum and core technical hands-on skills. II Year students are taught Engineering Science course/ Mathematics, branch specific core/other courses which go in depth and explore the finer points of their branch, STEM and so skills and computing skills (Universal Human Value and Computer System Security/ Python Programming courses).

## Semester VII & VIII

- Branch specific elective courses, open elective courses, management courses and project.
- Students appear for placements drives in the companies visiting on campus or off campus arranged by the college.

# ITSEC B.Tech Academic Schedule





## EVENTS @ ITSEC



## INDUSTRIAL VISITS @ ITSEC









At the time of admission and during study in the college scholarships based on cultural, sports & defence category are as mentioned below.

- Rs. 10K-30K Scholarship to Sports & Cultural Zonal/State/ National Competitions respectively
- Rs. 30K Scholarship to Defence Category Dependent of Serving Personnel/Ex-Servicemen/retired personnel
- \* Rs. 75K 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



At the time of admission and during study in the college, merit based scholarships are provided as mentioned below.  
\* Based on PCM% & JEE Mains percentile scholarship.

- 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. 2,25,000/-  
2020-21 - 73 students, Rs. 3,40,000/-  
2021-22 - 67 Students Rs. 3,20,000/-  
2022-23 - 74 Students Rs. 3,20,000/-

- 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.)

- 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

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

## COURSES OFFERED BY I.T.S. - THE EDUCATION GROUP

**CAMPUS-I**  
Mohan Nagar  
(ESTD. 1995)

**BBA/ BCA**  
**MBA/MCA/PGDM**

**CAMPUS-II**  
Murad Nagar  
(ESTD. 2000)

**MDS/ MPT/ M.Pharma**  
**BDS/ BPT/ B.Pharma**  
**D. Pharma**

**CAMPUS-III**  
Greater Noida  
(ESTD. 2006)

**B.Tech- CSE, CSE (AI&ML)**  
**CSE(DS), CE, E&CE, ECE, ME**  
**/MBA/BBA, BCA, BPT**

**CAMPUS-IV**  
Greater Noida  
(ESTD. 2006)

**BDS/MDS**

**CAMPUS -V**

**CHADHA PUBLIC SCHOOL**  
Village Nangla Kumbha,  
Post: Sivalkhas Via Jani,  
Meerut-250501

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46, Knowledge Park III, Greater Noida - 201310  
Website: [itsengg.edu.in](http://itsengg.edu.in)  
Email : [admission.ec@its.edu.in](mailto:admission.ec@its.edu.in)



**Admission Helpline**

9258238181

8510010840/41/42

**Toll Free - 18001800840**

VISIT US AT

