ITS ENGINEERING COLLEGE

GREATER NOIDA | SINCE 2006

College Code: 222

Approved by AICTE

INSTITUTION'S INNOVATION COUNCIL (Ministry of Education Initiative)

ARIIA — ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS

NBA NATIONAL BOARD of ACCREDITATION

nirf-Innovation — National Institutional Ranking Framework for Innovation, Ministry of Education, Government of India

29 YEARS OF EXCELLENCE

SCHOOL OF ENGINEERING & TECHNOLOGY

B.TECH

- Civil
- CSE
- CSE (AI & ML)
- CSE (DS)
- ECE
- E & CE
- EE (VLSI D & T)
- Mechanical

I.T.S ENGINEERING COLLEGE, GREATER NOIDA

Affiliated to AKTU, Lucknow

Toll Free- 18001800840 | Call 8510010840/41/42 | 7982951195 | www.itsengg.edu.in

I.T.S Engineering College, Greater Noida, is an integral part of ITS - The Education Group, which boasts a remarkable 29-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 and 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
Electronic Engineering (VLSI Design & Technology)
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

HIGHLIGHTS
- Ranked among the top 151-300 band in NIRF Innovation ranking 2023 across pan India.
- Awarded with the "Excellence in Engineering Education" award at Observe Now's 6th Education Leaders Conclave & Awards 2024.
- Honored with the College dunia Excellence Award 2023 for its outstanding contributions to"Excellence in Engineering and Management Education".
- Ranked among the top Five by CSR in all India ranking of"Outstanding Engineering colleges of excellence" 2023.
- Pan India highest rating by Institute's Innovation Council (IIC), Ministry of Education ,Govt. of India in last 5 years.
  - 4 Star rating in 2023.
  - 4 Star rating in 2022 *4 Star in 2021.
  - 5 Star rating in 2020 *3 Star in 2019.
- 365+ Companies visited 2021-2022 for placements.
- 375+ Companies Visited 2022-2023 for placements.
- 250+ Companies visited 2023-2024 till now for placements.
- Received an excellent ARIA rank in 2021 and ranked 6-25 among private institutions in 2020.
- Pool of Illustrious faculty with Doctorates, IITians & NITians.
- Strong and Resourceful network of over 5000 alumni.
- Skill Enhancement Centers: Apple iOS, AWS Academy, Rockwell Automation, National Instruments, SALT, e- Yantra (IoT & Robotics), SMC Pneumatics and Automation, IoT.
- Regular Expert Talks, National & International Seminars and Conferences with renowned speakers from industry and academia.

APPROVED INNOVATION & INCUBATION CENTRES
- DST Recognized Innovation Centre "NewGen IEDC" with 2.87 Crores total grant (Support of 2.5 Lakhs per Prototype).
- MSME Approved Business Incubation Centers with grants of 1.095 Crores.
- Startup in UP Incubation Centre Approved by UPIT, Govt. of Uttar Pradesh with approval grant of 2.5 Crores.
- 72 of Proof of Concept(POC) have been developed around NewGen IEDC. 2.87 Cores. Received by DST for developing POC's.

SKILL ENHANCEMENT CENTERS

AWS ACADEMY

ROCKWELL AUTOMATION SKILL ENHANCEMENT CENTER

SOFTWARE TESTING LAB

SMC PNEUMATICS & ELECTRO PNEUMATICS

IOT

NATIONAL INSTRUMENTS INNOVATION CENTER

APPLE iOS

E-YANTRA

MANDATORY FOR ALL B.TECH BRANCHES

- Advance C Programming
- OOPs with C++
- Data Structure & Algorithm Using C++ Programming
- Data Structure & Algorithm Using Python
- Advance IoT & Robotics
- Personality Development Program
- Group Discussions & Mock Interviews
- Aptitude & Reasoning

ECE & E&CE SPECIFIC TRANINGS

- NI-Labview
- MATLAB Programming
- SPICE/ORCAD/MULTISIM
- NI-Lab Advance
- PLC/SCADA Automation
- Project & Mini Project Using FAB Lab

CSE & ALL B.TECH BRANCHES

(Optional For All)

- Advance IoT & Robotics
- Artificial Intelligence & Machine Learning
- Data Science
- Data Analytics
- Business Analytics
- Microsoft Azure Cloud Computing
- AWS Cloud Practitioner
- Salesforce
- AWS Solutions Architect
- AWS DevOps
- Cyber Security
- CISCO Networking

INDUSTRY READY SKILLS

CIVIL SPECIFIC TRANINGS

- AutoCAD: 2D Drawing, 3D Drawing and Drafting of Design
- STAADPro: Analysis of Structure for Deflection, Stability and Serviceability
- Primavera: Quantity Estimation for Construction of Structures & Help Maintain the Scheduling of Projects
- Microsoft Project: Scheduling of Project Tracking & updation of Project

MECHANICAL SPECIFIC TRANINGS

- AutoCAD 360 (degree sign)
- Solidworks
- MATLAB Programming
- Pneumatic & Electro-Pneumatic Automation
- Project & Mini Projects Using FAB Lab
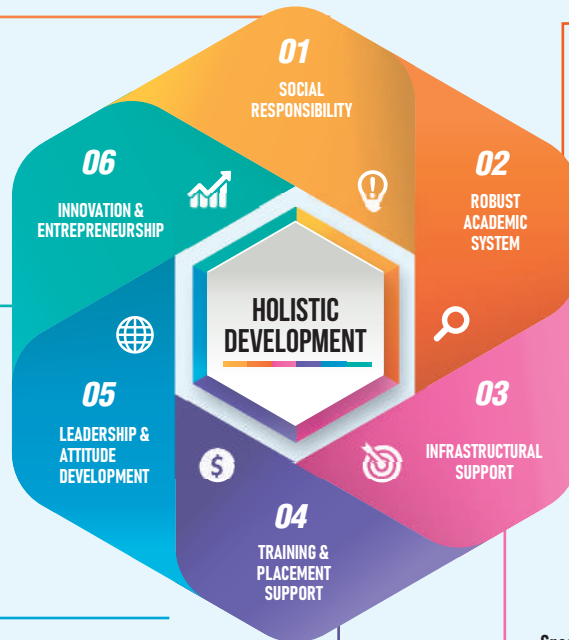
STUDENT CENTRIC POLICIES

At the time of admission and during study in the college scholarship based on cultural, sports & defence category 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

At the time of admission and during study in the college, merit based scholarships are provided as mentioned below:
* Based on PCM% scholarship from 30%-55% are awarded
* Special scholarship scheme for students scoring more than 85% in PCM in class 12th.

- 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/-

- 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

- **01 SOCIAL RESPONSIBILITY**
- **02 ROBUST ACADEMIC SYSTEM**
- **03 INFRASTRUCTURAL SUPPORT**
- **04 TRAINING & PLACEMENT SUPPORT**
- **05 LEADERSHIP & ATTITUDE DEVELOPMENT**
- **06 INNOVATION & ENTREPRENEURSHIP**

- 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.)

EVENTS @ I.T.S

INNOVATION, INCUBATION AND ENTREPRENEURSHIP SUPPORT SYSTEM
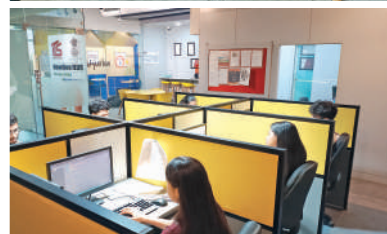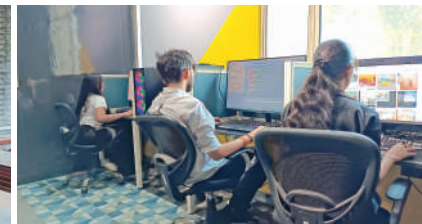
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The institute has accomplished exemplary work in the area of Innovation, Incubation and Entrepreneurship Development since 2015.

There are 3 Govt. approved prestigious centers to promote Innovation, Incubation and Entrepreneurship.

- Business Incubator (BI) / Host Institute (HI) by Ministry of Micro, Small & Medium Enterprises (MSME), Government of India since 2015. Total grant received till date is 1 Crore 9 lacs.
- NewGen IEDC DST, GOI since 2018, with a mission to "promote knowledge based and technology-driven start-ups by harnessing young minds and their innovation potential in an academic environment". Total grant 2.87 Crores.
- Start in UP Incubation Centre approved by UP Government through UPLC from 2022. Total grant Rs. 2.5 Crores.

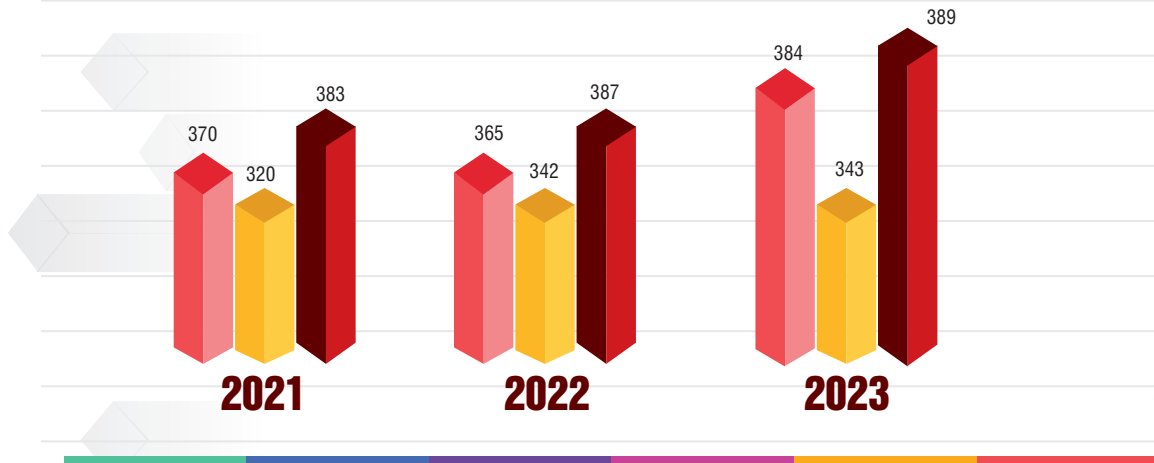## ACHIEVEMENTS IN THE FIELD INNOVATION, INCUBATION AND ENTREPRENEURSHIP

- Institute has also established the Institution's Innovation Council (IIC) in 2018 and enthusiastically organises various activities of Ministry of Education (MoE), Government of India Innovation Cell and self-driven activities for fostering innovation culture among students. The college has been awarded IIC Top Star Ranking in 2019, 2020, 2021, 2022 & 2023.
- MoE Innovation Cell has recognized and appreciated ITSEC IIC for Mentor-Menting Program for harnessing innovation capacity building to other institutions too. ITSEC IIC is a mentor institute in 2021-22, 2022-23 and 2024-25. IIC appreciated for mentoring other institutes.
- Ranked amongst top 151-300 band in NIRF Innovation ranking 2023 across pan India.
- The college is also recognized in ARIIA (MoE) ranking in Top Twenty-five institutions in 2020 and "Excellent Band" in 2021.
- Institute has credit of 03 patents granted, 40 Patent published and 23 patents filed till date.
- 16 companies have been incorporated by our incubatees including women's founded Start-up and 17 company incubated in Start in UP including transgender start up.
- Seventy-two number of Proof of Concept (PoC) have been developed at our NewGen IEDC.

placement

THREE YEARS PLACEMENT STATISTICS

Legend:
- 🟥 No. of Companies Visited
- 🟨 No. of Single Offers
- 🟥 No. of Offers

Year	No. of Companies Visited	No. of Single Offers	No. of Offers
2021	370	320	383
2022	365	342	387
2023	384	343	389

OFFERED PACKAGES LAST 3YEARS

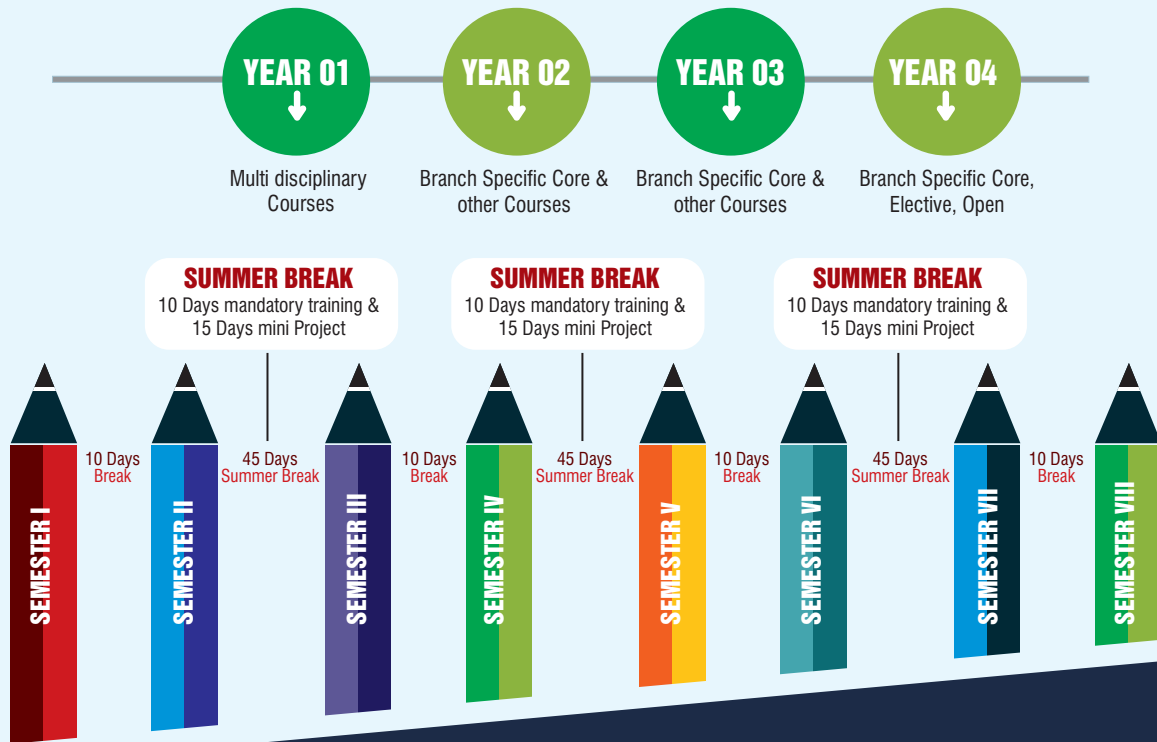| Company	Offered Package
Microsoft	59LPA
LinkedIn	42LPA
Code Nation	29.5LPA
Dunzo	28LPA
Adobe India	24LPA
Duco Consultancy	23LPA
Uber	18LPA
Josh Technology Group	17LPA

HIGHEST PACKAGE

PRAKARTI GOYAL
B.Tech (CSE)
Batch 2020-24
49 LPA
Microsoft

UDIT BHASKAR
B.Tech (CSE)
Batch 2019-23
23 LPA
DUCO CONSULTANCY

OUR MAJOR RECRUITERS

ACC · amazon · TECH mahindra · tcs TATA CONSULTANCY SERVICES · Microsoft · IntelliPaat · ERICSSON · IBM · appinventiv · cognizant · SAINT-GOBAIN · POLYCAB Connection Zindagi Ka · nagarro · wipro · Ebix · ELEVATORS BIRLA GROUP · VVDN TECHNOLOGIES · Credex Technology · ADITYA BIRLA UltraTech · muthoreon

ITSEC B.Tech Academic Life

YEAR 01 — Multi disciplinary Courses

YEAR 02 — Branch Specific Core & other Courses

YEAR 03 — Branch Specific Core & other Courses

YEAR 04 — Branch Specific Core, Elective, Open

SUMMER BREAK
10 Days mandatory training & 15 Days mini Project

SUMMER BREAK
10 Days mandatory training & 15 Days mini Project

SUMMER BREAK
10 Days mandatory training & 15 Days mini Project

SEMESTER I — 10 Days Break — SEMESTER II — 45 Days Summer Break — SEMESTER III — 10 Days Break — SEMESTER IV — 45 Days Summer Break — SEMESTER V — 10 Days Break — SEMESTER VI — 45 Days Summer Break — SEMESTER VII — 10 Days Break — SEMESTER VIII

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 on, Personality Development Classes, online Coding preparation on & 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.
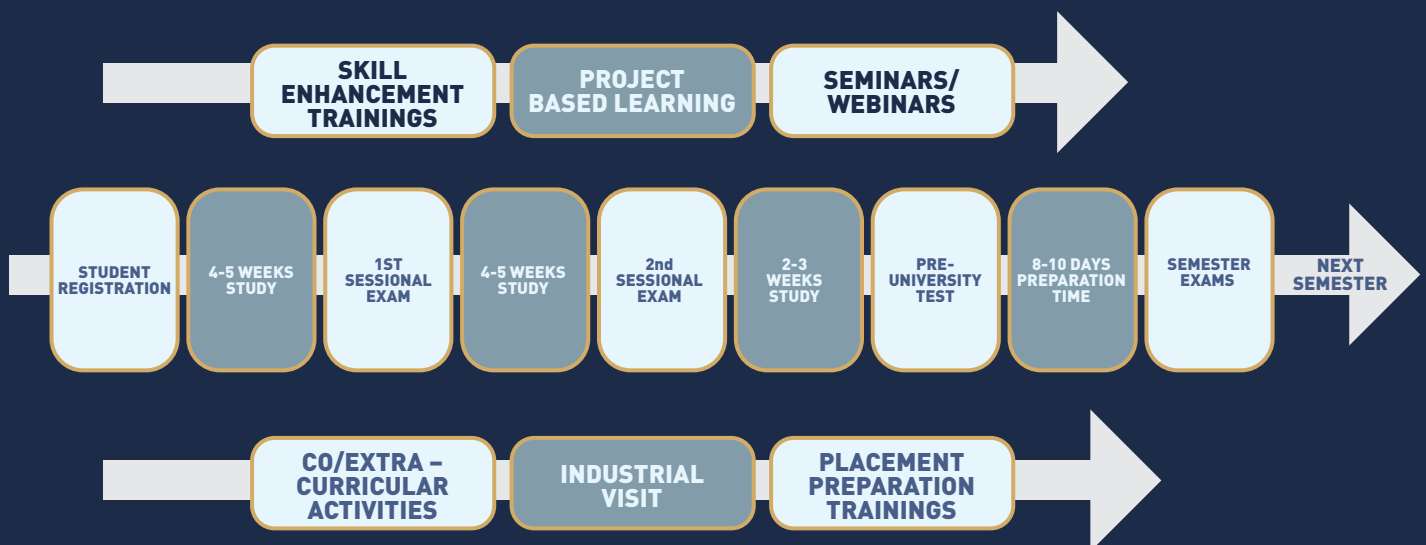
Semester III, IV, V & VI

- 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).

- 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 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

SKILL ENHANCEMENT TRAININGS → **PROJECT BASED LEARNING** → **SEMINARS/ WEBINARS** →

STUDENT REGISTRATION → **4-5 WEEKS STUDY** → **1ST SESSIONAL EXAM** → **4-5 WEEKS STUDY** → **2nd SESSIONAL EXAM** → **2-3 WEEKS STUDY** → **PRE-UNIVERSITY TEST** → **8-10 DAYS PREPARATION TIME** → **SEMESTER EXAMS** → **NEXT SEMESTER** →

CO/EXTRA – CURRICULAR ACTIVITIES → **INDUSTRIAL VISIT** → **PLACEMENT PREPARATION TRAININGS** →