

Department of Electronics and Communication Engineering

ELECTRONICA 2024-25

VOLUME 10

(NEWSLETTER)



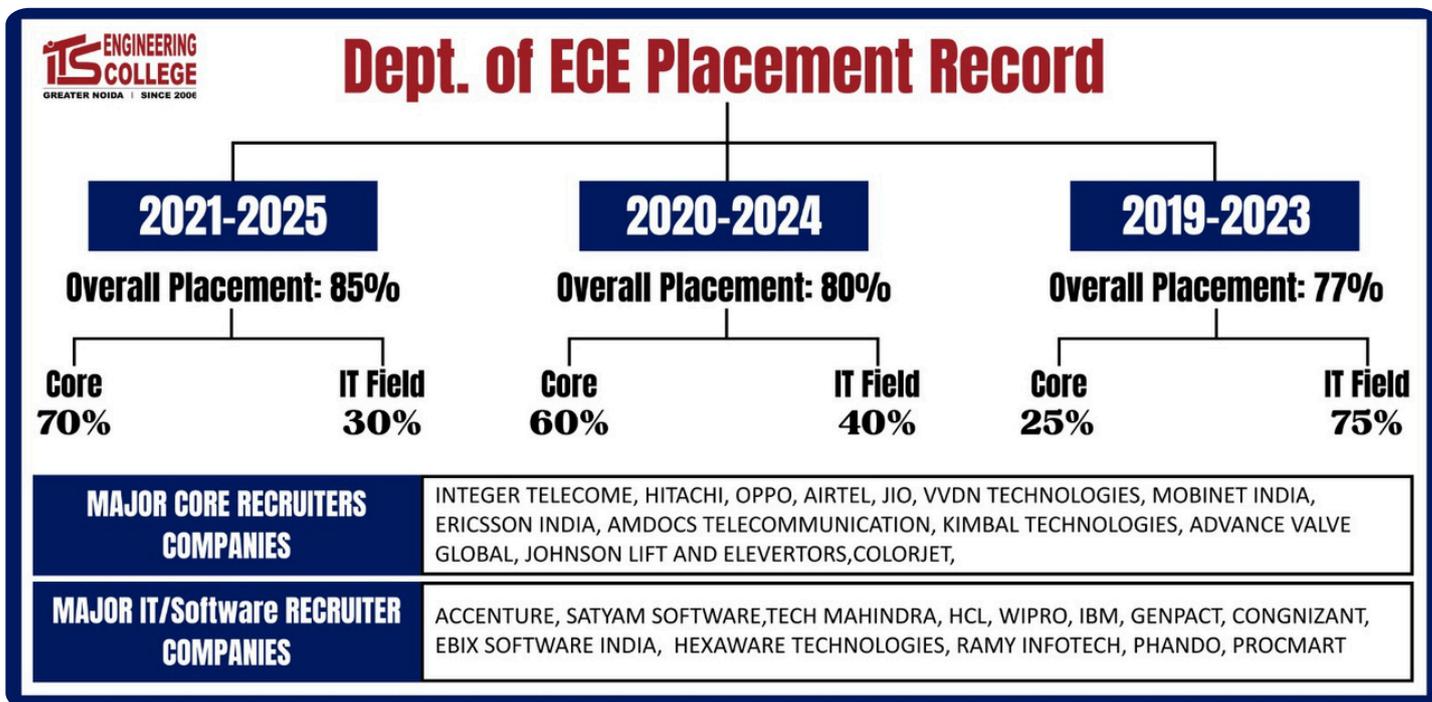
ABOUT ECE

The Department of Electronics and Communication Engineering, under School of Engineering and Technology of I.T.S Engineering College was established in the year 2006 with an aim to produce globally competitive and socially sensitized engineering graduates along with a passion to bring out quality research in the frontier areas of Electronics and Communication Engineering. The Department offers four years Bachelor of Technology (B.Tech) program

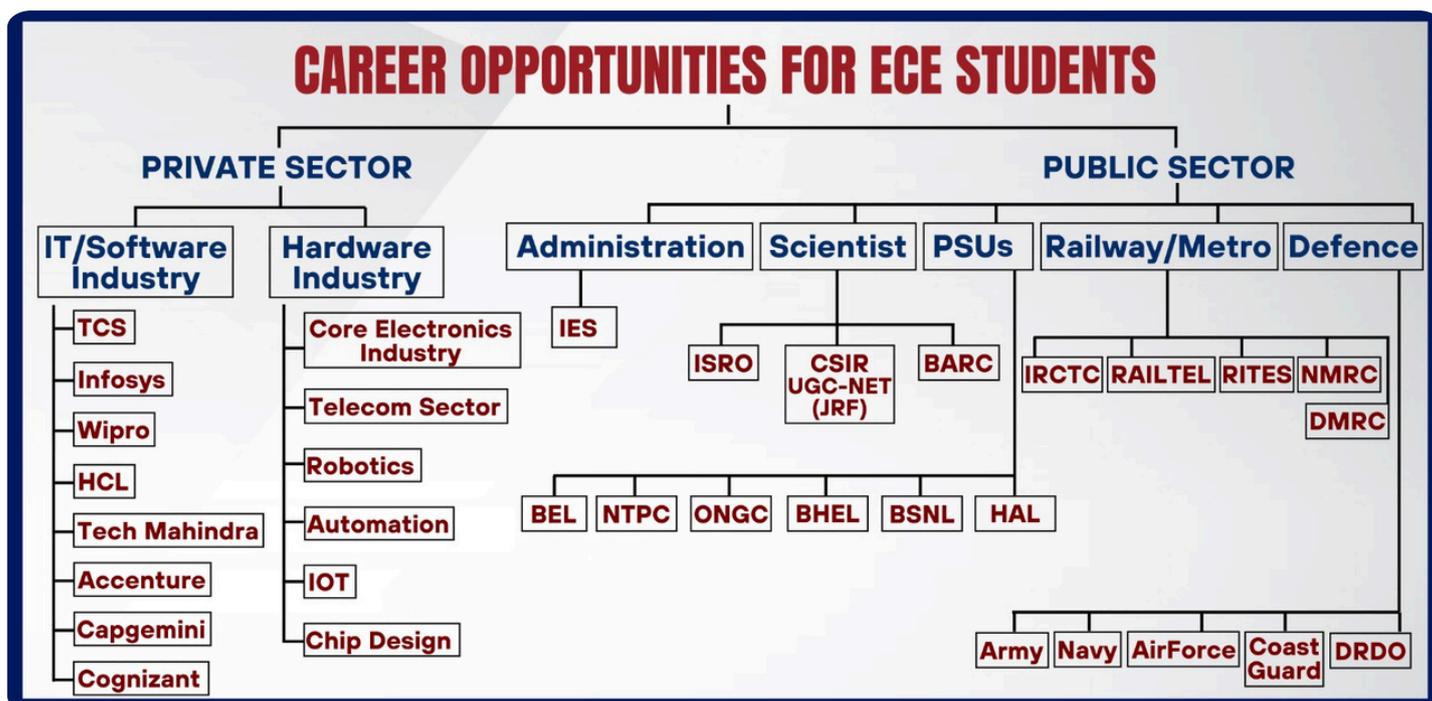
(comprising eight semesters in Electronics & Communication Engineering, affiliated to Dr. A. P. J. Abdul Kalam Technical University, Lucknow (formerly UPTU) and has been accredited by NBA (National Board of Accreditation), New Delhi. The NI Innovation Centre focuses on the Virtual Instrumentation & Automation and is in collaboration with renowned, MNC National Instruments.

The student activity club "Envision" and students' technical society "(IEEE student Branch)" of the departments also includes ethical and professional skill development programs which includes workshop, webinar, technical quiz, technical rangoli, poster presentation etc. that helps students to grow their overall personality along with technical skills.

Placements Record



Career Options for ECE Engineers



Students Achievement



Aadarsh & Deepak Prajapati secured 3rd Position in state level Aktu literary and management tech fest 2024-25 at AKTU New Campus Lucknow



Abhishek Patel, Aadarsh, Deepak Prajapati, Preetam Gupta and Ankit Mishra participated in Dr. Abdul Kalam Inter-Technical University Literary, Management and Technical Fest, 2024-25 (Zonal Level) held at KCC Gr. Noida and secured 1st position in Robo War, Junkyard War



First position in the Mind Installer Hackathon



Udgossh (2024-2025) held in May-2025

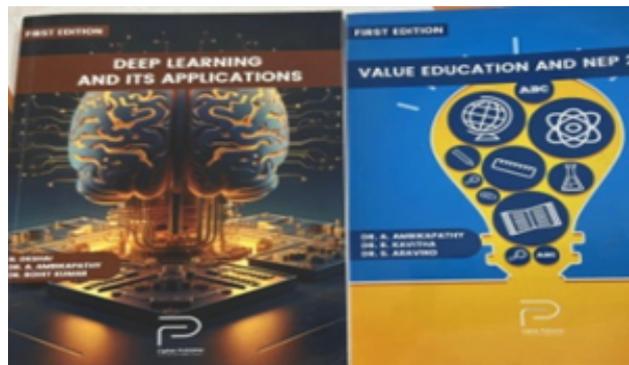
Glimbes of Students Project



Department Highlights



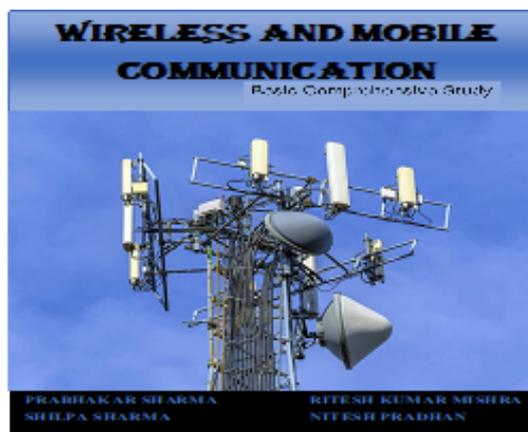
Dr A Ambikapathy, HOD, ECE won Er. Nivesh Kumar Varshney Memorial Award for UP/Uttarakhand State for Best Engineering College Teacher from ISTE, New Delhi on 14th Feb 2025.



Dr Setu Garg published books on “Basic Concepts of Cloud Computing” Feb 2025



Dr Setu Garg published books on “Machine Learning: Enabling Health Care”



Prabhakar Sharma published book on “Mobile & Wireless Communication”



Dr A Ambikapathy, HOD, ECE won Er. Nivesh Kumar Varshney Memorial Award for UP/Uttarakhand State for Best Engineering College Teacher from ISTE, New Delhi on 14th February 2025.

International Events

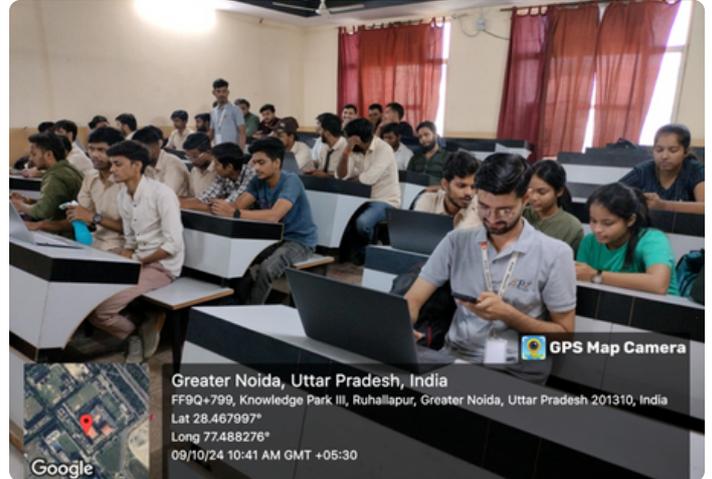


International Conference on Advanced Computing and Ingenious Technology in Engineering Science (ICACITES-24) on 19-20th December 2024.

Events Diary



Expert Talk on Guiding Researchers in Indian Engineering Colleges in Effective Research Proposal and Grants-24 September 2024



Training Program on: “ Embedded Systems, Robotics with IoT and PLC Design” (20 September 2024 to 09 October2024)



Alumni Talk (Mr. Abhishek Jaiswal, Batch: 2016-2021)-04 October 2024



Alumni Talk (Mr. Himalaya Gupta, Batch: 2015-2019) -16 October 2024

Events Diary



**Alumni Talk (Mr. Siddhant Jain,
Batch: 2012-2016) - 22 November
2024**



I.T.S ENGINEERING COLLEGE

Greater Noida

Department of Electronics & Communication Engineering

organizes



**1-Day MATLAB-Simulink Awareness
Session**



Date : 3rd December ,2024
Venue: ECE Department

10:00 am onwards

Mr.Arman Ansari
(Application Engineer)

Dr.Varun Srivastava
(Technical Support team)
 Technology for designing the future

**One day workshop on MATLAB-
Simulink Awareness session 03
December 2024**



**Expert Talk on “Career Counseling
for GATE/PSU Aspirants” 08 May
025**



**World Radio Day 2025 Celebration
13 February 2025**

Event Dairy



**Farewell Party Batch (2021-2025) On 9th May 2025
DESPEDIDA-2025**



Mr. Farewell (Urvesh Saifi) of DESPEDIDA-2025

Industrial Visit



Industry Visit (OGO Energy, Noida) on 23 October 2024



Industry visit (Global Electrical and Control Pvt. Ltd., Greater Noida) on 29 April 2025

RESEARCH PAPER Published By Faculty

Sr. No	Title of paper	Name of Author	Name of Journal	Year	DOI	Indexing
1	Artificial Intelligence-Based Smart Traffic Surveillance System for Vehicles	Dr. Agha Asim Husain	Next Generation Data Science and Blockchain Technology for Industry 5.0: Concepts and Paradigms By Willey Publisher	Jun 2025	https://doi.org/10.1002/9781394245215.ch16	SCOPUS
2	Spatio-temporal analysis of tidal wetlands using multi-spectral imaging, machine learning, and neural networks: A	A Ambikapathy Setu Garg	Journal of South American Earth Sciences	Apr 2025	https://doi.org/10.1016/j.jsames.2025.105560	SCIE
3	Advanced generative adversarial network for optimizing layout of wireless sensor	Setu Garg	Scientific Reports, Nature Publishing Group UK	Dec, 2024	https://www.nature.com/articles/s41598-024-83957-5	SCIE
4	Sustainable augmented framework using smart sensors with ATM inspired 5G technologies	A Ambikapathy	International Journal of Information Technology	June, 2024	https://doi.org/10.1007/s41870-024-02013-7	Scopus

EDITORS

Mr. Shivam Gupta

Assistant Professor ECE Department

Ms. Archi Mishra

3rd year B.Tech ECE Department



INDUSTRIAL VISITS @ I.T.S



CELEBRITIES @ I.T.S



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

CAMPUS - I Mohan Nagar (ESTD. 1995)	CAMPUS - II Murad Nagar (ESTD. 2000)	CAMPUS - III Greater Noida (ESTD. 2006)	CAMPUS - IV Greater Noida (ESTD. 2006)	CAMPUS - V CHADHA PUBLIC SCHOOL Meerut - 250501
COURSES OFFERED PGDM/ MBA/ MCA / BBA/ BCA	COURSES OFFERED Ph.D (Pharmaceutical Science) / MDS/BDS/BPT/MPT D. Pharma/B.Pharma/M.Pharma	MBA, B.Tech - ME CSE, CE, E&CE, SE-AI&ML CSE-DS, BBA, BCA BPT	MDS/BDS	
				



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