

**IIMT**  
**COLLEGE OF ENGINEERING**  
**Greater Noida**  
— Aim For Excellence —




# Electroma

**Department of ECE**  
**(Accredited by NBA)**



 [www.iimtindia.net](http://www.iimtindia.net)

 Plot no. 19 & 20, Knowledge Park III,  
Greater Noida (U.P.)

 [contact\\_gn@iimtindia.net](mailto:contact_gn@iimtindia.net)

## Newsletter Highlights

**Industrial Visit**  
**Faculty Achievements**  
**Students' Achievements**

**Jul.-Sept. 2025**

VOLUME XX ISSUE III  
**NEWSLETTER**

# From Chief Editor's Desk



**Dr Pankaj Jha**  
**HOD ECE**

**Dear Readers,**

The Electronics and Communication Engineering (ECE) Department stands at the forefront of technological innovation, blending fundamental engineering principles with cutting-edge developments in communication systems, embedded technologies, and electronics. Our department is dedicated to nurture curious minds and to prepare students for meet the evolving demands of the industry.

With a strong foundation in areas such as analog and digital electronics, signal processing, VLSI design, wireless communication, and microcontroller-based systems, the ECE curriculum equips students with both theoretical knowledge and practical skills. Through hands-on laboratory work, research projects, and industry collaborations, we aim to foster creativity, critical thinking, and problem-solving abilities among our students.

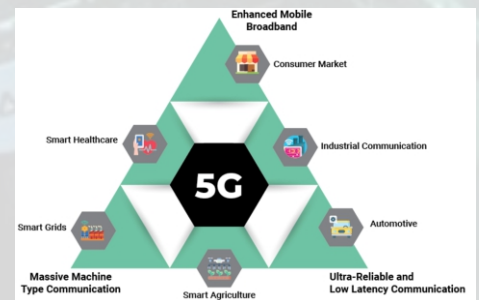
Our mission is not only to provide quality education but also to inspire innovation and contribute to technological advancement. We take pride in the achievements of our students and faculty, and we remain committed to academic excellence, research, and societal contribution.

**Dr Pankaj Jha | Associate Professor | Chief Editor & HOD Dept. of ECE**

## 5th Generation

5G is the 5th generation mobile network. It is a new global wireless standard after 1G, 2G, 3G, and 4G networks. 5G enables a new kind of network that is designed to connect virtually everyone and everything together including machines, objects, and devices.

5G wireless technology is meant to deliver higher multi-Gbps peak data speeds, ultra low latency, more reliability, massive network capacity, increased availability, and a more uniform user experience to more users. Higher performance and improved efficiency empower new user experiences and connects new industries.



Source : Volansys

**Engineering**  
is the closest thing  
**to magic that**  
exists in the world

Jul.-Sept. 2025

VOLUME XX ISSUE III  
NEWSLETTER



# INDUSTRIAL VISIT

## at SOCOMEC

The Department of ECE organized an industrial visit on 10th September 2025 at 09:00 AM. The students visited to “socomec” 756, Pace City II, Sector 37, Gurugram, Mohammadpur Jharsa, Haryana 122001, on 10th Sept, 2025. This activity was organized by Mr. Basanta Mahato. Industrial Training is a doorway for aspirants to achieve their professional goals by allowing them to obtain in-depth understanding of their theoretical curriculum while also allowing them to watch and gain personal experience of the industry, job execution, and work environment. Founded in 1922, Socomec is an industrial group with a workforce of 4400 people. Our core business – the availability, control and safety of low voltage electrical networks with increased focus on our customers' power performance.



Glimpse of Industrial Visit

Jul.-Sept. 2025

VOLUME XX ISSUE III  
NEWSLETTER



# FACULTY ACHIEVEMENTS

- Paper title “Design of Compact 4-port MIMO Antenna with improved Isolation for WBAN applications” of Dr. Pankaj Jha, HOD, ECE department has been accepted in “International Journal of Numerical Modelling: Electronic Networks, Devices and Fields”
- Dr. Taslima Ahmed, Associate professor, ECE department has presented a paper in an International Conference on “**Contemporary Trends in Science and Technology for Global Impact**” organized at MIET Meerut.



- Mr. Dinesh Kumar Yadav, Assistant professor, ECE department has published paper in IEEE Xplorer with DOI: <https://ieeexplore.ieee.org/document/11140991>
- Mr. Manikesh Kumar Jha, Assistant professor, ECE department has published paper in IEEE Xplorer with DOI: <https://doi.org/10.1109/MRIE66930.2025.11156393>

**Jul.-Sept. 2025**

VOLUME XX, ISSUE  
NEWEST

# STUDENTS ACHIEVEMENTS

- Aman Kumar , Vibha Kumari, Student ,ECE department has published paper in IEEE Xplorer With DOI:  
<https://doi.org/10.1109/AECE62803.2024.10911811>
- Arpana Mishra, Student, ECE department has published paper in IEEE Xplorer With DOI:  
<https://doi.org/10.1109/AECE62803.2024.10911172>
- Samiksha Tiwari, Student, ECE department has published paper in IEEE Xplorer With DOI:  
<https://doi.org/10.1109/SUSTAINED63638.2024.11074200>
- Ali Umar, Student, ECE department has published paper in IEEE Xplorer With DOI:  
<https://doi.org/10.1109/SUSTAINED63638.2024.11073861>
- Mohit Yadav, Student, ECE has presented paper in 16th International IEEE Conference on Computing, Communication and Networking Technologies (ICCCNT) organized at IIT Indore.



**THE 16th INTERNATIONAL IEEE CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES (ICCCNT)**

**July 06<sup>th</sup> – 11<sup>th</sup>, 2025, IIT – Indore, Madhya Pradesh, India.**

This is to certify that Prof./Dr./Mr./Ms. **Mohit Yadav**

has virtually presented a paper entitled

**Paper ID-7007: Design and Fabrication of Low-Cost Flexible Pressure Sensors with Graphene Electrodes On Paper**

in the Sixteenth International Conference on Computing, Communication and Networking Technologies (ICCCNT 2025), held at IIT Indore, in association with the IEEE Electronics Packaging Society and the All India Council for Technical Education (AICTE), during July 6<sup>th</sup> to 11<sup>th</sup>, 2025.





**Conference Chair / Co-Chair**

Jul.-Sept. 2025

VOLUME XX ISSUE III  
NEWSLETTER



## Department Of Electronics & Communication Engineering



### CHIEF EDITOR

Dr Pankaj Jha  
HOD, ECE



### EDITOR

Mr. Manikesh Kumar Jha  
Asth. Professor



### STUDENT EDITOR

Ramashish (ECE 3A) | Riya (ECE 3A)

**Greater Noida Campus**

**Mob. : +91 9911009144 | +91 9717015300**

Plot no. 19 & 20, Knowledge Park III, Greater Noida (U.P.)