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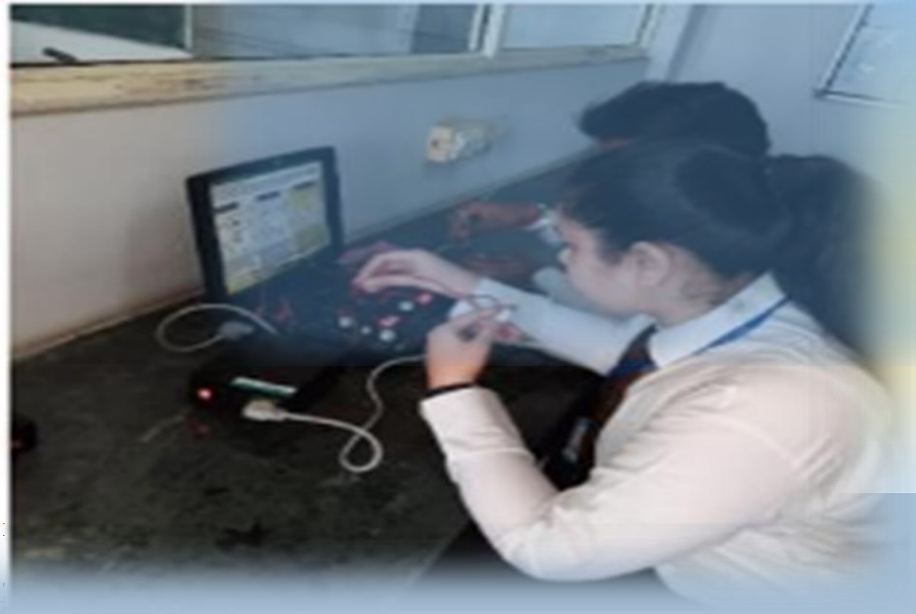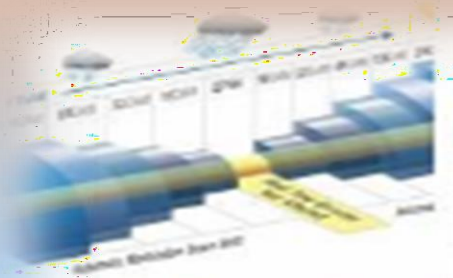### Greater Noida
— Aim For Excellence —

Electroma

A Quarterly Publication of

## Department of Electronics and Communication Engineering

Volume XVIII, Issue 1, January–March, 2023

IIMT COLLEGE OF ENGINEERING NEWSLETTER

Edge computing

Edge computing helps by bringing the processing and storage of data closer to the equipment. This enables IoT sensors to monitor machine health with low latencies and perform analytics in real-time. Edge computing is a distributed computing paradigm that brings computation and data storage closer to the source of data.
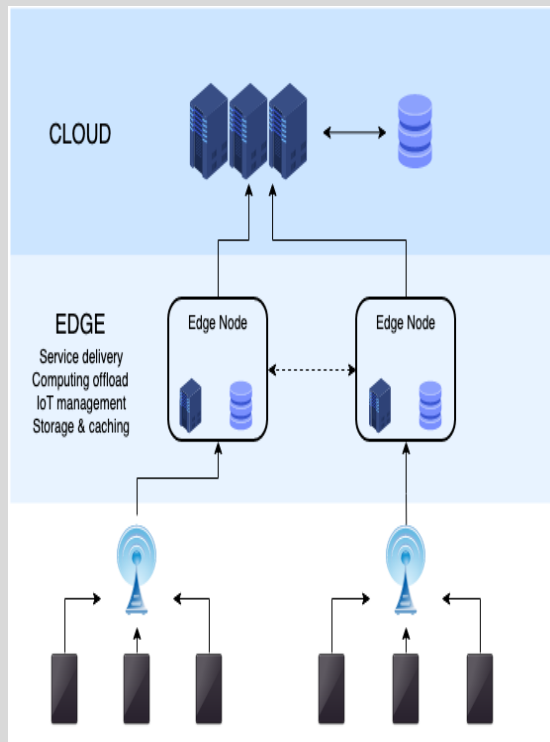
From Editor's Desk

Dear readers,

In the current context of rapid changes that are taking place in our country, all activities directed towards economic advancements are required to be addressed with the highest priority. In this effort, it is also imperative to prepare social engineers, who could contribute to and manage the needs of the society with the equanimity of mind and an attitude of selfless social service. IIMT College of Engineering, our parent trust with abundant experience in the field of education and social service has always been focusing its efforts on this very important activity of nation-building. IIMT College of Engineering is consistently rated amongst the top 100 Engineering colleges of our country by various ranking institutions.

Engineering Quotes

"The scientist discovers a new type of materials or energy and the engineer discovers a new use for it"

Industrial Visit
at
Mother Dairy, Patpargunj Delhi 110092

Department of Electronics and Communication organized an Industrial visit to Mother Dairy, Patpargunj Delhi -110092 on 1st Feb 2023 at 9:00 AM onwards.

Mr Deepak Sahu coordinated this industrial visit. An industrial visit provides the students with an insight into the internal working of companies and upgrades the students with the latest updates on the industrial profession to provide the knowledge of new modern techniques used. Industrial visits provide students with a chance to meet industry leaders, professionals, entrepreneurs, policymakers, and corporate who share their wisdom, learning, and experiences.

Industrial Visit at Mother Dairy

Guest lecture
On
"Innovating Self Screen and Identify Right Opportunities"

The department of ECE organized a guest lecture on the topic "Innovating self-screen and identify right opportunities" on 15th Feb 2023 at 10:30 AM onwards under IIC. The Guest Speaker Mr Prateek Gupta is a business and data Analyst in the company named "Pragati Glass Pvt. Ltd.", Gujarat.

The speaker discussed how the students can find out the right opportunities in the market as an entrepreneur.

Guest Lecture on Innovating Self Screen and Identify Right Opportunity

Industrial Visit
at
Automation Expo, Pragati Maidan, New Delhi

Department of ECE organized an Industrial visit at Automation Expo, Pragati Maidan, New Delhi on 17th February 2023. Educational tours to industries provide an opportunity for students to see and experience real workstations, plants, machines, systems, and assembly lines, and interact with highly trained and experienced personnel. Students attended a conference "Scaling Intelligent Automation".

Students also participated in 3D gaming technology and events. This practical learning experience is necessary for students who have studied theory only and are unaware of shop floor. The students learnt about company policies in terms of production, quality, and service management and acquainted themselves with the working of instruments during the course curriculum.

Industrial Visit at Automation Expo, Pragati Maidan, Delhi

Online STC
On
"BIG DATA APPLICATION IN ELECTRICAL ENGINEERING"

The Department of ECE organized an online STC on "BIG DATA APPLICATION IN ELECTRICAL ENGINEERING" on 20 Feb 2023 to 24 Feb 2023 at 10:00 AM onwards under the nodal center of NITTTR CHANDIGARH. The Patrons of this Event were Prof. (Dr.) JK Sharma and Dr. S.S Tyagi. This activity was coordinated by Prof. (Dr.) Seema Nayak and Co-Coordinated by

Mrs. Sandhya Bhardwaj. Thirty seven faculties attended this online STC from IIMT group of institutions and other colleges.
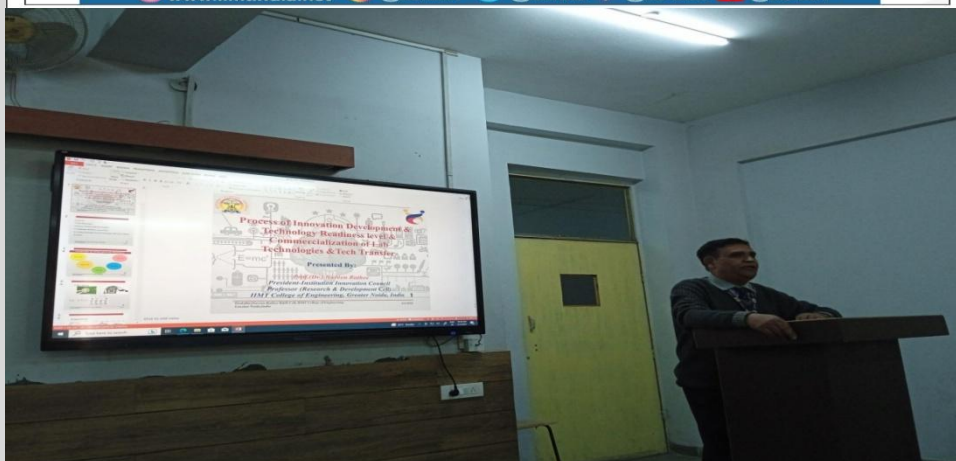

Online STC on Big Data Application in Electrical Engineering

Guest Lecture
On
"Process of Innovation Development & Technology Readiness Level & Commercialization of Lab Technology & Tech Transfer"

The Department of ECE organized a Guest Lecture on the topic, "Process of Innovation Development & Technology Transfer Readiness Level & Commercialization of Lab Technology & Tech Transfer" on 27th February 2023, under IIC. The Guest Speaker was Dr Naveen Rathee, IIC president of IIMT College of Engineering, Greater Noida.

Guest Lecture on "Process of Innovation Development & Technology Readiness Level & Commercialization of Lab Technology & Tech Transfer

PPT Presentation Competition
On
"Tech solutions for pollution Control and Measures"

The department of ECE organized PPT presentation competition on topic "Tech solutions for pollution Control and Measures" under the Innovation Club "Electro Infinity" on 28th February 2023 from 3:20 onwards. This activity of club aims to provide a platform to the students to gain the knowledge of future technology practical skills and realize projects. For students, such activities open many doors for corporate training and internships, which in turn increases the students' employability. Often, many students are offered PPOs as a result of fruitful interaction between the company's HR and students.
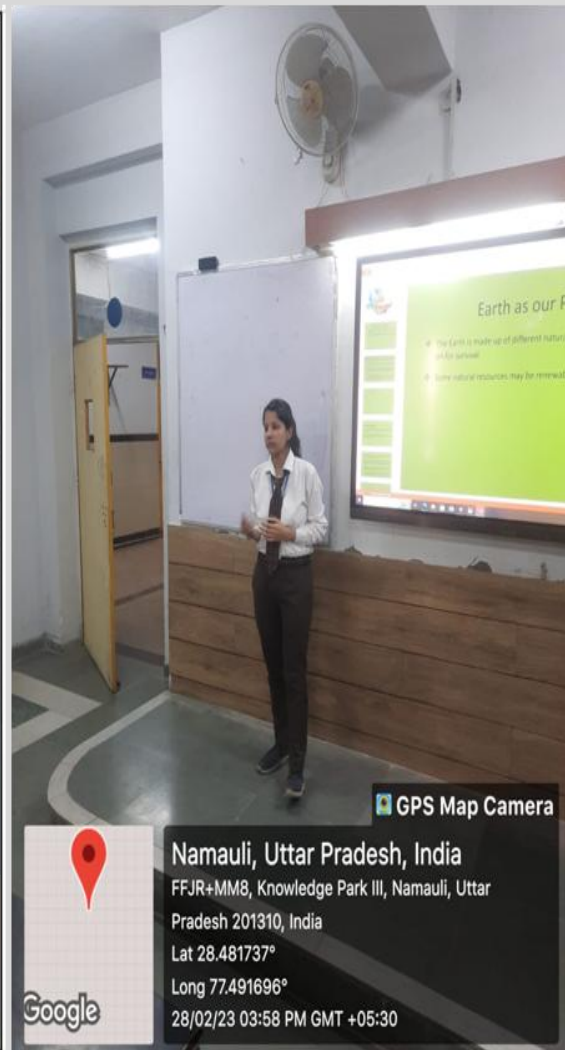
PPT Presentation Competition on "Tech solutions for pollution Control and Measures"

Industrial Visit
at
Truechip Solutions, Noida

The Department of Electronics and Communication organized an industrial visit at Truechip Solution Noida on 24th February 2023. The 3rd year ECE students visited Truechip Solutions, Noida. Here, they learnt the market of the VLSI Industry and the weightage of the ECE branch.

Our students also interacted with Truechip company CEO Mr Nitin Kishore. He shared the company profile and job scope for ECE students. One of our alumni Mr Shubham Kumar also interacted with our IIMT students.

Industrial Visit at "Truechip Solutions", Noida

Students Corner

Ms Samiksha Tiwari student of third year received an internship certificate from Atomic Minerals Directorate for Exploration and Research, New Delhi.

भारत सरकार/Government of India
परमाणु ऊर्जा विभाग/Department of Atomic Energy
परमाणु खनिज अन्वेषण एवं अनुसंधान निदेशालय
Atomic Minerals Directorate for Exploration and Research
उत्तरी क्षेत्र/ Northern Region

पश्चिमी खण्ड – 7, West Block-VII,
आर.के. पुरम, नई दिल्ली R.K.Puram
New Delhi-66
Date: 24.02.23

TO WHOM IT MAY CONCERN

This is to certify that *Ms. Samiksha Tiwari, Student of B. TECH (Electronics and Communication Engineering) From IIMT College Of Engineering, Uttar Pradesh has successfully completed her internship, arranged by Atomic Minerals Directorate for Exploration and Research, R.K Puram, West Block-VII, New Delhi in Digital Signal Processing in Gamma Ray Spectroscopy from 06/02/23 to 24/02/23.*

N.K Johri

(In-charge Physics Laboratory)

Atomic Minerals Directorate for Exploration and Research

R.K Puram, West Block-VII, New Delhi-66

Editorial Board	Chief Editor: Prof.(Dr) Seema Nayak (HOD ECE)	Co Editor: Ms Arpana Mishra (Assistant Professor)	Student Editor: Priya Daksh (ECE 4A) Chandan Kumar (ECE4A) Om Tripathi (ECE 3A)