

IIMT
COLLEGE OF ENGINEERING
KP-III, Greater Noida
— Aim For Excellence —



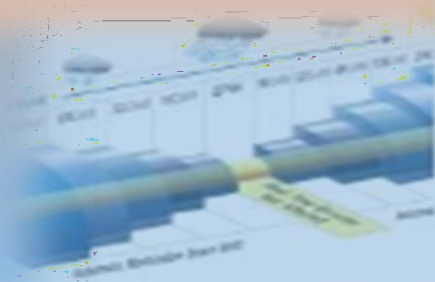
Electroma

A Quarterly Publication of

Department of Electronics and Communication Engineering

Volume V, Issue 4, October–December, 2022

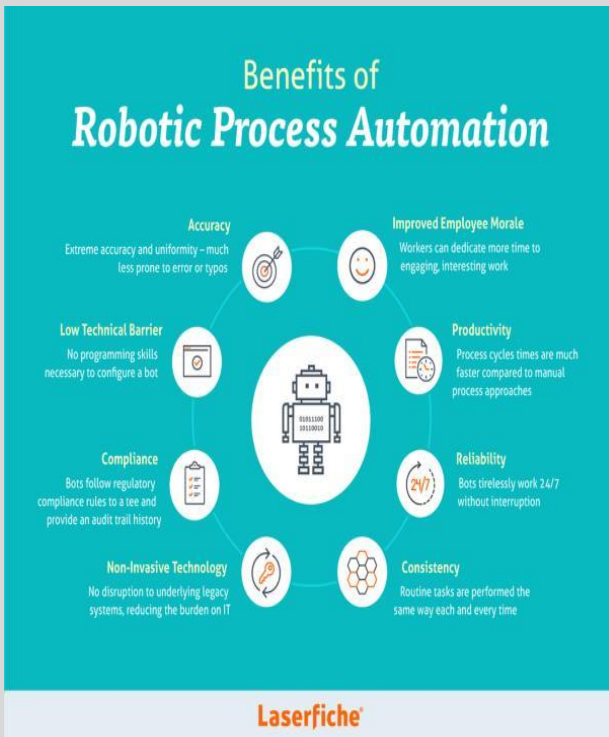
IIMT COLLEGE OF ENGINEERING NEWS LETTER



Robotic Process Automation (RPA)

RPA bots, or just "bots", are **software programs that you set up to do digital work**. They're not just simple chatbots - they're a Digital Workforce. RPA bots can interact with any system or application the same way a human worker would. It's as simple as showing your bots what to do, then letting them do the work.

From Editor's Desk

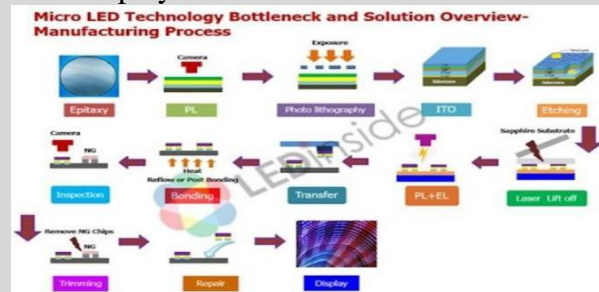


Dear readers,
 In the current context of rapid changes that are taking place in our country, all activities directed towards economic advancements are required to be addressed with the highest priority. In this effort, it is also imperative to prepare social engineers, who could contribute to and manage 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. Electronics and Communication engineering is one of the oldest branches of engineering.

Micro LED development and research, the commercialization of the next generation display technology is still delayed. Due to technology barriers and equipment limitation, production cost for Micro LED display remains sky high, leading to postponed timeline of Micro LED display commercialization.

Engineering Quotes

The engineer has been, and is, a maker of history



A Workshop on “Embedded Application Using Arduino Board” Under the Aegis of IEI

On 10th October 2022, the Department of ECE organized a workshop under professional society IEI, on the subject “Embedded Application using Arduino Board”. Mr. Kartik Gupta IOT/VLSI trainer ElectroKirti lab Pvt Ltd was the speaker at this workshop. The speaker gave the hands on training on arduino board.

IIMT
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Department of Electronics and Communication Engineering
Is Organizing
Workshop on
**Embedded Applications using
Arduino Boards**
(Under IEI Professional Society)

VENUE
Room No. 324
10th October, 2022
10:00 AM Onwards

MODE: OFFLINE
Scan for Registration

Speaker
Mr. Kartik Gupta
IOT/Embedded/VLSI Trainer
ElectroKirti Labs Pvt. Ltd.

PATRONS
Prof.(Dr.) S.S. Tyagi
Director,
IIMT College of Engineering
Dr. Seema Nayak
HOD. ECE
IIMT College of Engineering

COORDINATOR
Ms. Zaiba Ishtat
Assistant Professor,ECE
IIMT College of Engineering

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Namauli, Uttar Pradesh, India
FFJR+959 IIMT COLLEGE OF MANAGEMENT, Knowledge
Park III, Namauli, Uttar Pradesh 201310, India
Lat 28.481°
Long 77.490771°
10/10/22 10:48 AM GMT +05:30

The Workshop by Mr. Kartik Gupta in progress

Industrial Visit-Oct 2022

On 12th October 2022, the Department of ECE organized an “Industrial Visit” at AEAB Pvt Ltd Noida Sector 83, Mr. Ashok Somani started AEAB in 1993 to simplify factory deployments and maximize uptime while modernizing industrial processes. Prior to starting AEAB, Ashok served in several leadership positions at Siemens and Larsen & Toubro. AEAB is passionate, dedicated and focused towards growing and globalizing India’s manufacturing sector.



Manager AEAB Pvt Ltd Noida briefing the students

Memorable Moments with Alumni:10 November 2022 (Batch 2018-22)



Great time with most memorable sparkling batch 2018-22

Guest Lecture under the Aegis of ED cell

on

“Role of Entrepreneurship in Promoting Social & Community Welfare”

On 10th November 2022, the Department of ECE organized a guest lecture on “Role of Entrepreneurship in Promoting Social & Community Welfare”. The guest speaker Dr. Damodar Sahu, head of New Age Saas Wipro Ltd, USA, delivered valuable thoughts. Entrepreneurship and Innovation programme combines theoretical and empirical perspectives with the development of practical skills and opportunities for the application of knowledge to real-life organizational issues faced by those establishing and managing

INSTITUTION'S INNOVATION COUNCIL
ED Cell
IIMT COLLEGE OF ENGINEERING
Greater Noida
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Department of Electronics & Communication Engineering is organising

Guest Lecture on

ROLE OF ENTREPRENEURSHIP IN PROMOTING SOCIAL & COMMUNITY WELFARE

Speaker
Dr. Damodar Sahu
Head of New Age SaaS
Wipro Limited, USA

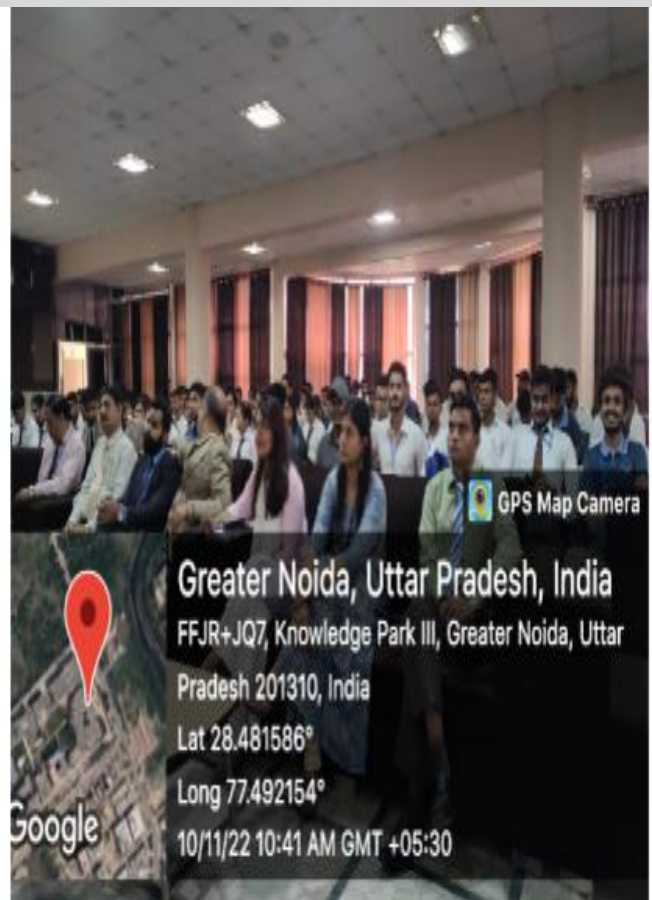
Date: 10th November, 2022
Time: 10:15 AM Onwards

Mode Online SCAN FOR REGISTRATION

FACULTY COORDINATOR
Ms. Zaiba Ishrat
Assistant Professor, ECE
IIMT College of Engineering
zaiba.ishrat_gn@iimtindia.net

STUDENT COORDINATORS
Anisha Anand and Samiksha Tiwari

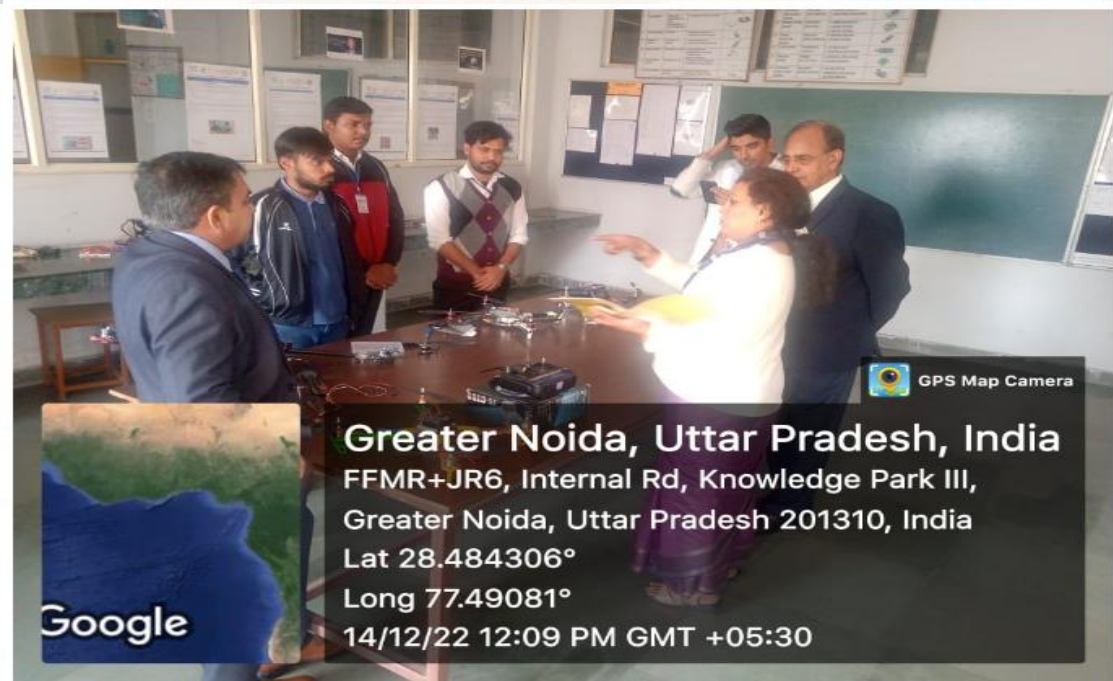
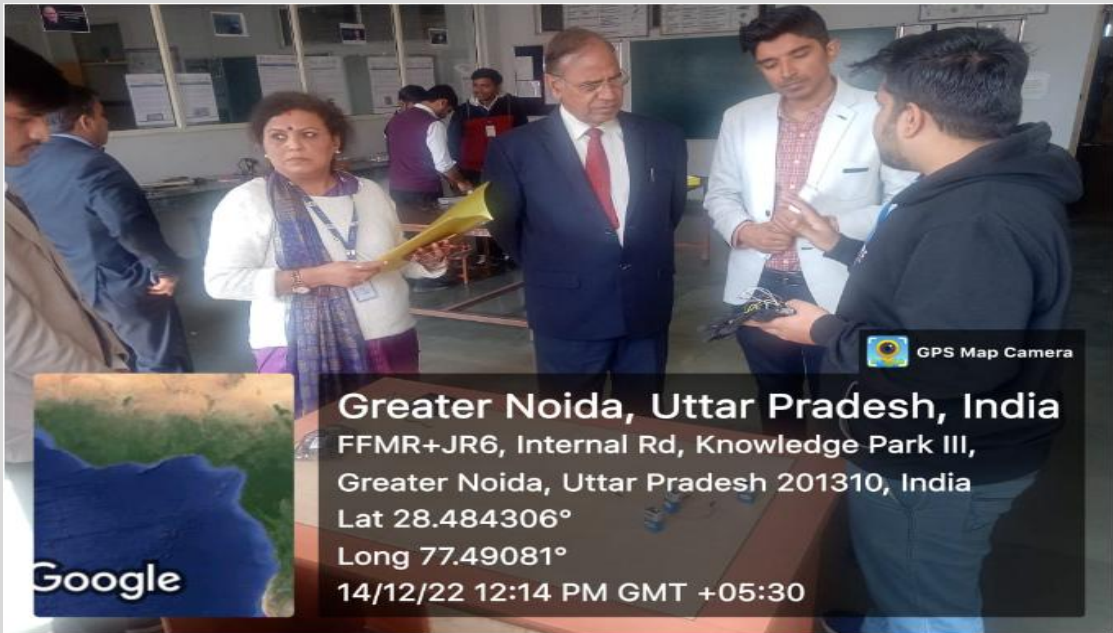
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Guest Lecture by Dr. Damodar Sahu in progress

Project Evaluation

Students of Department of Electronics and Communication explaining their projects to Prof JK Sharma, Executive Director



Project Evaluation in progress by the Executive Director

Academic Audit of Department of ECE Under IQAC for Session 2021-22

On 26th November 2022, the Academic audit of the Department of Electronics and communication engineering was done by Dr. Amit Sahgal (Professor), Sharda University.



Prof. Amit Sahgal carrying out Academic Audit

Parent's Interaction with the Faculties of Department of Electronics and Communication

Parents visited the department of Electronics and Communication and interacted with the faculties about the performance, attendance and other educational activities of their wards.



Dr Seema Nayak HOD (ECE) interacting with a parent

Inter/Intra Institutional Idea Competitions and Best Idea Competition: 30th Nov 2022 (Through YUKTI-NIR under IIC)

The Department of ECE organized an , “Idea presentation activity,” Inter/Intra Institutional Idea Competitions and Reward Best Idea through YUKTI-NIR under IIC .



Idea presentation in progress

A Guest Lecture on

“Impact of New Edge Technologies on Society and Its Application”

On 01 Dec 2022, the Department of ECE organized a Guest Lecture on “Impact of New Edge Technologies on Society and Its Application”. During the talk, guest the speaker Mr Jitendra Kumar, Data Scientist, Appwars Tech Company explained the concepts of Machine Learning, Artificial Intelligence and its applications.

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Department of Electronics & Communication Engineering

Guest Lecture on

IMPACT OF NEW EDGE TECHNOLOGIES ON SOCIETY AND ITS APPLICATIONS

Speaker

Mr. Jitendra Kumar
Data Scientist
APPWARS Technologies Pvt. Ltd.

Date: Thursday, December 01, 2022
Time: 02:00 PM – 04:00 PM

VENUE
Room No. 315,
Smart Class Room

FACULTY COORDINATOR
Ms. Zaiba Ishrat
Assistant Professor, ECE
IIMT College of Engineering

STUDENT COORDINATORS
Samiksha Tiwari
Muskan Kumari

QR CODE FOR REGISTRATION

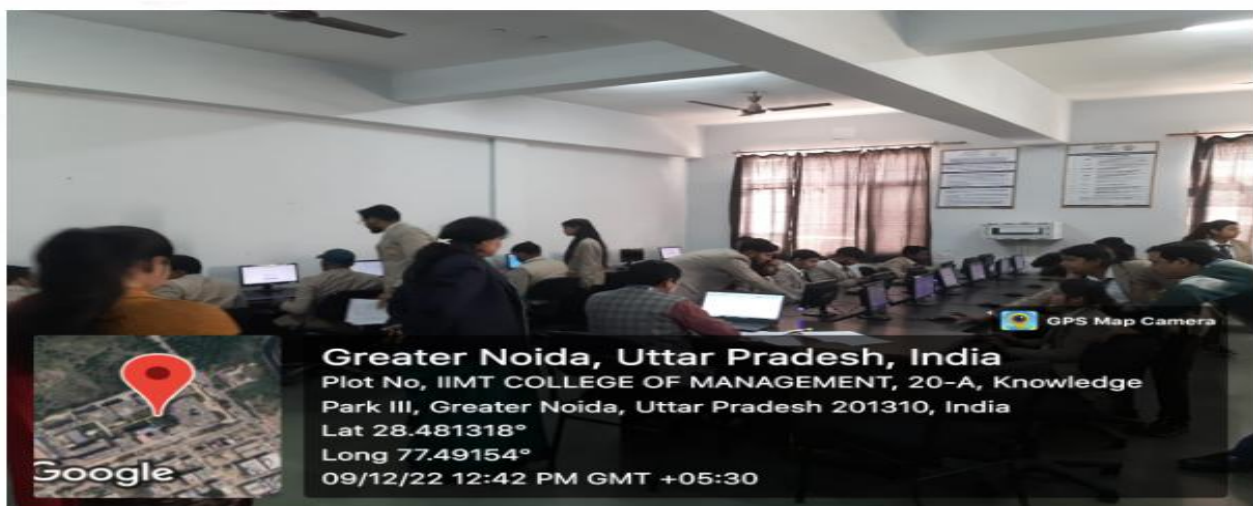
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Mr. Jitendra Kumar delivering the guest lecture

Infinity 2k22 Tech-fest

On 09 December 2022, the Department of ECE organized an Event on “Circuit Designing” The major objective of the programme was to allow Students to develop laboratory skills to make circuits virtually using Tinker CAD. Virtual Lab helps in testing of any circuit without any loss of components and any loose joint in circuit and it can be used anywhere. New ideas and strategies about how any circuit can be designed in one or more than one way using different types of components.



Infinity 2k22 Techfest in progress

Student Corner

Kartikey Pandey student of ECE 3rd year participated in ABHYUDAY'2022 at IIMT, GREATER NOIDA and won first prize in solo singing.



Kartikey receiving the award

Faculty Achievement

Mrs. ARPANA MISHRA faculty of ECE department presented her research paper in 3rd International Conference on Advances in Science Engineering & Management (ICASEM-2022) and received the best paper award.



Best Paper Award to Arpana Mishra

EVOLUTION EXPO 2022

Department of electronics and communication exhibited working models at Evolution Expo 2022 organized by IIMT Group of Colleges. Chief guest at the event was Mr. Brahmanand Jha, Director, E-governance, ministry of Electronics and Information. A total 8 working models were showcased by the students of ECE department. Students from different colleges and school visited the Expo.



The banner features the IIMT Evolution Expo logo on the left, a central 28th anniversary emblem, and the IIMT Group of Colleges logo on the right. The main title 'EVOLUTION EXPO 2022' is prominently displayed in a blue and red box, with the tagline '(Nurturing Young Minds with Innovative Thoughts through Expo)' below it. A dark blue box contains the event dates: 'An Inter-College & Inter-School Expo on 20th - 21st December, 2022'. Below this, 'Prizes :' is followed by images of a laptop, a tablet, and a smartphone. The text 'Innovation, Creativity, Cultural, Conferences' is centered. The venue is listed as 'Venue : IIMT Group of Colleges, Plot no. 19 & 20 Knowledge Park-III, Greater Noida, U.P.'. At the bottom, the website 'www.iimtindia.net' is shown alongside social media icons for Instagram, Twitter, Facebook, and YouTube. The banner is decorated with several small images showing students at the expo, a hand using a tablet, and various electronic components.

IIMT
EVOLUTION EXPO

28
Years
of Excellence

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EVOLUTION EXPO 2022
(Nurturing Young Minds with Innovative Thoughts through Expo)

An Inter-College & Inter-School Expo on
20th - 21st December, 2022

Prizes :   

Innovation, Creativity, Cultural, Conferences

Venue : IIMT Group of Colleges
Plot no. 19 & 20 Knowledge Park-III, Greater Noida, U.P.

www.iimtindia.net |  |  |  | 

Glimpses of the Celebrities at the IIMT Greater Noida

The Students of ECE department actively participated on stage performances with Ayushmann Khurrana and Akhil Sachdeva. Ayushmaan Khurana and Akhil Sachdeva promoted their movie and album songs. Students enjoyed a lot.



Dr. Mayank Agarwal, Managing Director felicitating Ayushmann Khurrana



Ayushmann Khurrana entertaining the IIMT Fraternity

Some More Glimpses of Celebrities at the IIMT Greater Noida



Akhil Sachdeva being felicitated

Conclave
on
“Organization of the Petroleum Exporting Countries
(OPEC) & Electric Vehicle” Organized During
Evolution Expo 2022


Department of Electronics and Communication, organized a conclave on “Organization of the Petroleum Exporting Countries (OPEC) & Electric Vehicle” under the Evolution Expo 2022.

As part of this program the first panelist for this conclave was Dr. DevendraVashist. Prof. & Head of Automobile Engg, Manav Rachna International Institute of Research, Faridabad Haryana.

The second panelist was Mr. Birbal Singh Tanwar, Sr. Project Manager Project Engg., GE Power India Limited. Noida.



Participants at the Conclave



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28
Years
of
Celebration


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**EVOLUTION
EXPO**
2022

(Permeating Young Minds with
Innovative Thoughts through Expo)

**CONCLAVE ON
ORGANIZATION OF THE PETROLEUM EXPORTING
COUNTRIES (OPEC) & ELECTRIC VEHICLE**
organising by
IIMT COLLEGE OF ENGINEERING

RESOURCE PERSON



Dr. Devendra Vashist
Prof. & Head
Automobile Engg. NITRR, Patna


Mr. Birbal Singh Tanwar
Sr. Project Manager & Project Engg.
Oil Power India Ltd., Noida

Convenor
Dr. Seema Nayak
Professor, & HOD - ECE

Faculty Co-ordinator
Mr. Dinesh Kr Yadav | **Ms. Zaiba Ishrat**
Assistant Professor | Assistant Professor

Date - 20th December, 2022 | Time - 01:00 PM - 02:00 PM
VENUE - C. V. RAMAN HALL

Plot No. 19 & 20, Knowledge Park - III, Greater Noida - 201310, Uttar Pradesh, India
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