

**IIMT COLLEGE OF ENGINEERING,  
GREATER NOIDA**

**Department of Electronics & Communication Engineering**

**DEPARTMENTAL ACTIVITIES**

**2021-22 ODD SEM**

# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

**Department of Electronics & Communication Engineering**

**Guest Lecture**

**on**

**Opportunities and Challenges of VLSI Industry**

**(Under SCIE)**

**(Date: 12<sup>th</sup> October, Time: 11 am to 12 pm, Dept. of ECE)**

**Webinar Room**

**Speaker: Mr.Puneet Mittal**

**(Founder & Director VLSI Expert Pvt Ltd.)**

The Department of ECE organized a Guest Lecture on **Opportunities and Challenges of VLSI Industry**. This Guest Lecture was organized under SCIE society of the Department. **Mr. Puneet Mittal (Founder & Director VLSI Expert Pvt Ltd.)** elaborated discussion upon the VLSI Design and its opportunities in industry. He discussed about basic of VLSI that “What is VLSI” And covered till what will be scope of VLSI in industry. He discussed how the VLSI industry to comprehend its requirements so that the industry content is well delivered on its standards maintained. Mr. Puneet discussed about the front end and back end designing of VLSI. He discussed the FPGA implementation which is emerging field for ECE students.

He also gave a brief introduction that what type of the question will come during written test and interviews of core company based on VLSI.

Mr.Puneet discussed about the RTL designing,ASICVerification,synthesis of digital system ,physical designig .layout designing and designing of memory circuit.Mr. Puneet also discussed the placement scope of VLSI experts in industries.

He discussed that It is very important to know the **scope of electronics and semiconductor engineering** for engineering students and about the industry growth. If you are not sure about the **How to make career in VLSI Semiconductor industry**, then stick to the end of this blog to know everything about semiconductor industry. Nowadays the electronics industry is growing very fast, due to which the electronics engineer scope has increased greatly in India as well. In

the last few years, it has been seen lot of startups has opened in India and increasing day by day.

Electronics engineering is quite a vast field in that all electrical components are designed such as microprocessors, transistors, diodes and microcontrollers, all these components help to build a circuit and PCB's system like wireless phone, satellite system and telecommunication etc.

## Getting ready for any VLSI Domain

Course Content

### Foundation Of VLSI Design

First 70% Interview/written-test around these topic

Minimum Basic Requirement of any Profile

RTL designer	ASIC Verification	Synthesis/STA	DFT	Physical Design (PD)	Layout (Digital / Analog)	Memory Circuit Design	Cad / Methodology
<ul style="list-style-type: none"><li>• Digital</li><li>• Verilog</li><li>• STA</li><li>• Unix</li></ul>	<ul style="list-style-type: none"><li>• Digital</li><li>• Verilog</li><li>• STA</li><li>• Unix</li></ul>	<ul style="list-style-type: none"><li>• Digital</li><li>• STA</li><li>• Parasitic</li><li>• Unix</li><li>• TCL</li></ul>	<ul style="list-style-type: none"><li>• Digital</li><li>• CMOS</li><li>• STA</li><li>• Unix</li><li>• TCL</li><li>• VLSI Flow basics</li></ul>	<ul style="list-style-type: none"><li>• Digital</li><li>• CMOS</li><li>• STA</li><li>• Parasitic</li><li>• Unix</li><li>• TCL</li><li>• VLSI Flow basic</li></ul>	<ul style="list-style-type: none"><li>• Digital</li><li>• Analog</li><li>• CMOS</li><li>• STA</li><li>• Parasitic</li><li>• Layout Basic</li><li>• Unix</li><li>• TCL</li></ul>	<ul style="list-style-type: none"><li>• Digital</li><li>• CMOS</li><li>• STA</li><li>• Parasitic</li><li>• Memory Basic</li><li>• Unix</li><li>• TCL</li></ul>	<ul style="list-style-type: none"><li>• Digital</li><li>• VLSI Flow Basic</li><li>• CMOS</li><li>• STA</li><li>• Unix</li><li>• TCL</li></ul>

Graduate towards Chip Designer

[www.vlsixpert.com](http://www.vlsixpert.com)

Activate Windows  
Go to Settings to activate Windows.



**IIMT COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
is Organizing

Guest Lecture  
on  
**Opportunities and Challenges of  
VLSI Industry**

**Date: 12th Oct, 2021 | Time: 11:00 AM - 12:00 PM**

**Guest Speaker**

**Mr. Puneet Mittal**

**Founder & Director**  
VLSI Expert Pvt. Ltd.



**Coordinator**

**Mr. Basanta Mahato**  
Assistant professor  
Dept. of ECE





# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

## **Department of Electronics & Communication Engineering Workshop**

**on**

### **Artificial Intelligence based Embedded System (Under IEI) (Date: 9<sup>th</sup> October, Time: 2 pm to 5 pm, Dept. of ECE) Ms Team**

#### **Profile of Guest Speaker**

**Name :** Mr.ChetanPrakash

**Designation:** Project Engineer,Sr. Data Scientist Expert

Mr.ChetanPrakash have 10+ years of experience in IOT and Data Science. Executed complete product development from inception involving interaction with clients, requirement analysis and technology choices. Expertise in front end stack, building web application using frontend technologies. Hands on experience in Javascript Frameworks (Reactjs, angularjs, extjs 4,jquery, Java, nodejs, typescript). Exposure working on server side technologies nodejs, php, mysql ,mongo, Java. Setting up project infrastructure, gulp tasks. Excellent communication skills, team player and can work on multiple challenging assignments. Exposure of iOS Development . Knowledge of View Controllers, Managed Object Context.etc. He have used Team and Project management tools like JIRA &Dev-track. I have exposure to Project version management using github, svn and is following agile methodology to deliver results in time, working on multiple branches in git and setting up process for code merge.

He worked as a Senior Data scientist Expert in Jaguar Gurgaon , collaboration and productivity tool from Microsoft. His role was to developed and lead on several 1p apps supported in Microsoft Teams. Currently building Wiki app in Microsoft Teams. His role here is to do dev design, bring clarity on work items and lead the development in frontend stack Reactjs, Apollo GraphQL client etc.

# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

**Department of Electronics & Communication Engineering**

**Guest Lecture  
on**

**“Opportunities and Challenges of VLSI Industry”  
(Under SCIE)**

**Date: Time: 12<sup>th</sup> October 2021 11:00 AM -12:00 PM**

## **Profile of Guest Speaker**

**Name:** Mr.Puneet Mittal

**Designation:** Founder& Director VLSI Expert Pvt Ltd.

Mr. Puneet Mittal is a Founder, Mentor, and Passionate Trainer at VLSI Expert Pvt. Ltd. Noida.He have done M.Tech from Birla Institute of Technology and Science, Pilani.

He is working for last several years to bridge the gap between the Industry and Academia with the help of seminars/workshops, skill development programs, guest/invitation based lectures. He is also doing consultancy in education sector from school level to university level in terms of designing curriculum, training faculties, infrastructure building, advance learning technique using technology. He is trying to do skill development in VLSI domain (from basic to advance) for almost a decade through my online portal ([www.vlsi-expert.com](http://www.vlsi-expert.com)).

He loves doing career counselling& mentoring. He have trained approx 100+ Students /Professionals in the Field of STA (Static Timing Analysis) & Foundation of VLSI Design across the globe using offline/online medium.

He has thegood understanding in Finfet Process. # RTL-to-GDSII design flow (Developed Reference Flow specific to Timing, Parasitic Extraction, DRC/ERC/Antenna/LVS, DFM/DFY (CAA/LCC/CMP) area.

He worked with different Foundries like: TSMC, Samsung, GF, ST, Global CP, CSM, UMC, SMIC, FIJITSU, TOWER, LSI and HHNEC.

He is working on Timing/STA tool : PrimeTime (PT, PT-SI) ,IC compiler (ICC) (Synopsys).

# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

**Department of Electronics & Communication Engineering**

**Workshop**

**on**

**Artificial Intelligence based Embedded System  
(Under IEI)**

**(Date: 9<sup>th</sup> October, Time: 2 pm to 5 pm, Dept. of ECE)**

**Ms Team**

**Speaker: Mr.ChetanPrakash**

**(Project Engineer,Sr. Data Scientist Expert)**

The Department of ECE organized a Workshop on **Artificial Intelligence based Embedded System**. This workshop was organized under IEI student chapter of the Department.) **Mr. ChetanPrakash (Project Engineer, Sr. Data Scientist Expert)** elaborated discussion upon the AI and its opportunities in industry. He discussed that for a number of years, artificial intelligence has been at the top of the technology must-watch list for evolving trends and applications. With our ability to build smart machines that simulate human intelligence, the implications for technological advancement across numerous sectors are endless. So, what could be better than artificial intelligence? Embedded artificial intelligence.

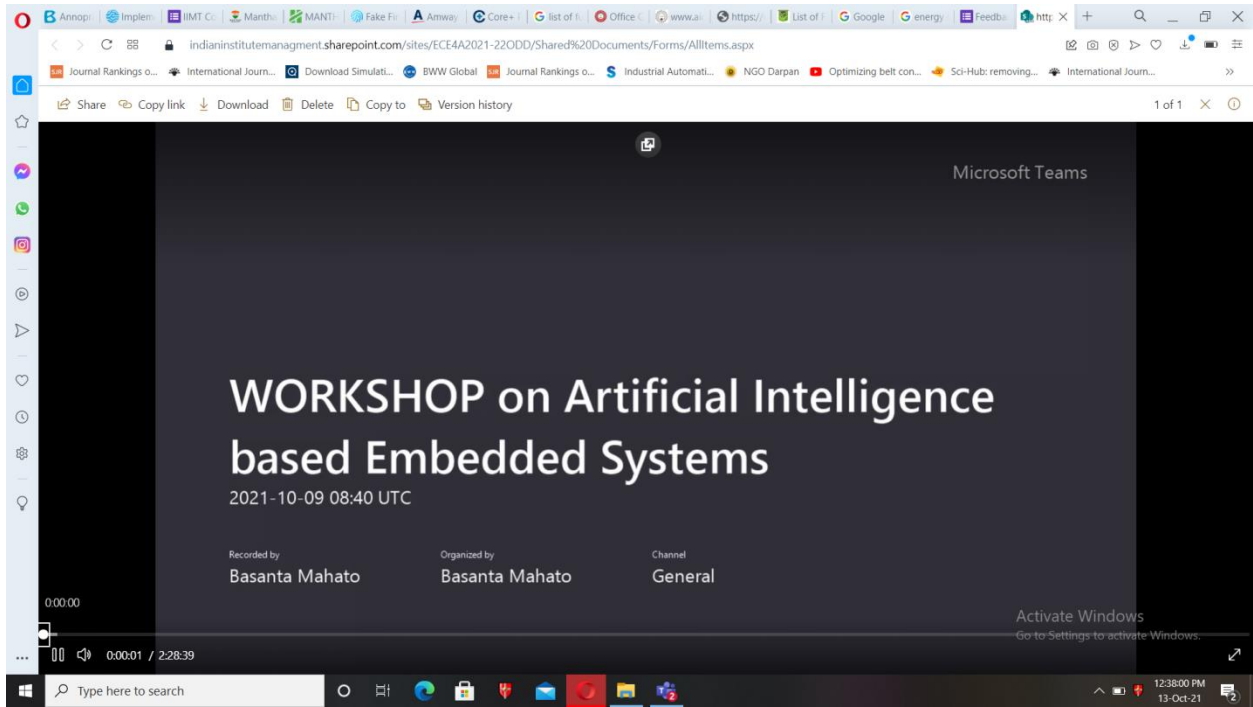
Embedded artificial intelligence (AI) is the application of machine and deep learning in software at the device level. Software can be programmed to provide both predictive and reactive intelligence, based on the data that is collected and analyzed.

With embedded AI, devices have the ability to run AI models at the device level and then directly use the results to perform an appropriate task or action. The cloud is still helpful from a data storage perspective, as data can be stored temporarily at the device level and eventually sent to a cloud server for safekeeping.

He gave brief overview of application of embedded AI system that are very are vast, here's a short list of industries where this technology is automating processes, providing advanced analytics and business insights, and improving customer service, among numerous other benefits.

In manufacturing and industrial settings, pairing embedded AI and the Internet of Things can result in predictive maintenance for equipment, increased operational efficiency, improved products and services, and enhanced risk management. Of course, the applications for embedded

AI and IoT devices in other settings abound, with implications in security and monitoring systems, smart homes and cities, scientific research, and healthcare to name a few.





Handwritten notes on a whiteboard in a Paint application:

- BCPL
- Brainlang
- C-langauge
- Harangge
- Programming
- Python
- Embeddetc.
- in MRI

The notes are connected by arrows, suggesting a flow or relationship between these terms. The word 'Python' is written in a larger font and has a downward arrow pointing to it.

Artificial Intelligence in Everyday Life

Artificial Intelligence Impacts HealthCare Space and helps you enrich your mental wellbeing

The diagram illustrates the integration of AI into various healthcare and research roles:

- Drug Maker:** Connected to Patient Stratification and Lifestyle Advice.
- CRO Laboratory:** Connected to Omics Data and SOPs Validation.
- Researcher:** Connected to Bio-specimen and Predictive Analytics.
- Physician:** Connected to Clinical Decision Support and Unstructured Data.
- Radiologist:** Connected to Diagnostics and MRI/ Images.
- Patient:** Connected to Real-time Data and Lifestyle Advice.

At the bottom of the diagram, a central 'AI' node is connected to all these roles. Below the diagram, a red heart rate line is shown.





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**IIMT COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
is Organizing

Workshop on  
**Artificial Intelligence based  
Embedded System**

**Date: 09th Oct, 2021 | Time: 02:00 PM - 05:00 PM**



**Guest Speaker**

**Mr. Chetan Prakash**

Project Engineer,  
Sr. Data Science Expert  
Jaguar, Gurugram

**Coordinator**

**Mr. Basanta Mahato**  
Assistant professor  
Dept. of ECE



**Under IEI activities**

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**MoE IIMT ENGINEERING INNOVATION CELL & DEPARTMENT OF ECE  
is Jointly Organizing**

**Session on**

# My Story-Motivational Session by Successful Innovators

**Date: 28<sup>th</sup> October, 2021 | Time: 11:00 AM - 12:00 PM**



**Guest Speaker**

**Ms. Shivani Mishra**  
Founder & Director  
CUREYA

**Coordinator**

**Mr. Basanta Mahato**  
Assistant professor  
Dept. of ECE

**PATRONS**

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President-IIC  
IIMT College of Engineering

**Prof. (Dr.) S.S Tyagi**  
Director,  
IIMT College of Engineering

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# IIMT COLLEGE OF ENGINEERING, GREATER NOIDA

Department of Electronics & Communication Engineering

**Motivational session**

on

**“My Story - Motivational Session by Successful Innovators”**

**(Under SCIE)**

**Through IIC**

**(Date: 28<sup>th</sup> October 2021 at 11::00 AM – 12:00 PM)**

**Profile of Guest Speaker**

**Name:** SHIVANI MISHRA ( FOUNDER AND DIRECTOR OF CUREYA )

**Email:** [info@cureva.in](mailto:info@cureva.in)

**Contact No:** 9990375133

**PERSONAL INTRODUCTION:-**B.TechHons . Graduate , UPSC aspirant, and Founder of Healthcare STARTUP - CUREYA .

**ABOUT THE ORGANIZATION:-**CUREYA ( Aspexx Health Solution Pvt Ltd ) , is Greater Noida-based Health-tech startup. It is a DPIIT recognized startup, certified under ‘STARTUP INDIA SCHEME’. Its primary objective is ‘Health for All’ , by reducing the medical expenditure, eliminating the information asymmetry and language barrier. As a new age ‘Healthcare start-up’, we bring forth a unique blend of technical, innovative, medical, and traditional - online healthcare platforms that function on disruptive technology to provide patient-centric and disease-specific solutions. Our aim is to provide seamless healthcare services through a multidisciplinary team that brings unmatched skills, a global network & deep industry knowledge.

**VISION -** Integrated, holistic , inclusive and sustainable healthcare system

**MISSION -** The mission is to achieve the right to "Health for All" and improve the healthcare indicators by dissemination of health education that focuses on health promotion and health prevention. The objective is to eliminate the information asymmetry, language barrier, and emphasize achieving global standards of healthcare delivery systems based on access,equity, affordability and quality, efficiency, sustainability.

**ACHIEVEMENTS**

1. Received DPIIT certificate.

2. Team size -more than 200+ and working with 10+ departments
3. Collaboration with IIT's , NIT's , IIM's , Central Universities and many more.
4. Launched -AI Mental Health Chatbot, on Google Play store .
5. Conducted more than 20 - National and International LIVE Webinars of Doctors.
6. CUREYA is a member of -INO ( International Naturopathy Organization ), GooglewomenFounders Group, Stanford Rebuild, NASSCOM , ASSOCHAM.
7. Successfully conducting online Internships in the domain of AI-ML-DS-PYTHON for Engineering and medical students.

**Social Media Presence:** LinkedIn ( 14.5K +) Followers

Instagram and Youtube - 500+ Followers & Subscribers .

# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

## **Department of Electronics & Communication Engineering**

### **Motivational session**

**on**

### **“My Story - Motivational Session by Successful Innovators”**

**(Under SCIE)**

**Through IIC**

**(Date: 28<sup>th</sup> October 2021 at 11::00 AM – 12:00 PM)**

**Speaker: Ms.Shivani Mishra Founder & Director CUREYA**

The department of ECE organized a motivational session on “My Story - Motivational Session by Successful Innovators” under the IIMT Innovation Cell on 28<sup>th</sup> October 2021 at 11::00 AM – 12:00 PM. The Speaker was Ms.Shivani Mishra Founder & Director CUREYA.

She discussed what Start-up is, How we can start it, What should be the objectives of our start up and what are the challenges which we can face during start up.

A Start up is a company in the early stages of development that is set up by one or several people to enter an existing market with unique products or services. Startup companies often face insufficient capital to fund their business operations to be at the same level as already established companies.

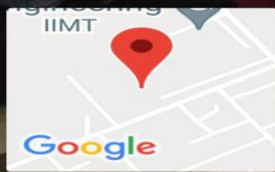
One of the major challenges faced by startup companies is raising the required amount of capital to fund their development. Startup companies sometimes do not generate any revenues at their inception. Instead, they understand that they first need to grow, test, and market.

Doing so requires a considerable amount of funds, and startups can choose among several ways in which to get funding from investors. Some of the popular methods of raising startup capital include crowd funding, angel investment, winning contests, venture capital, financial bootstrapping, applying for government capital, among others.

Entrepreneurs tend to become overconfident and sometimes underestimate the potential of flawed analysis and stiff competition, which are essential parameters that define success. Other newbie companies enter the market with the eagerness to prove the merits of their innovative products or services. Successful new companies adopt a clear strategy before joining the market to ensure that they have a sustainable competitive edge.

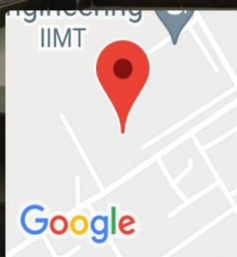
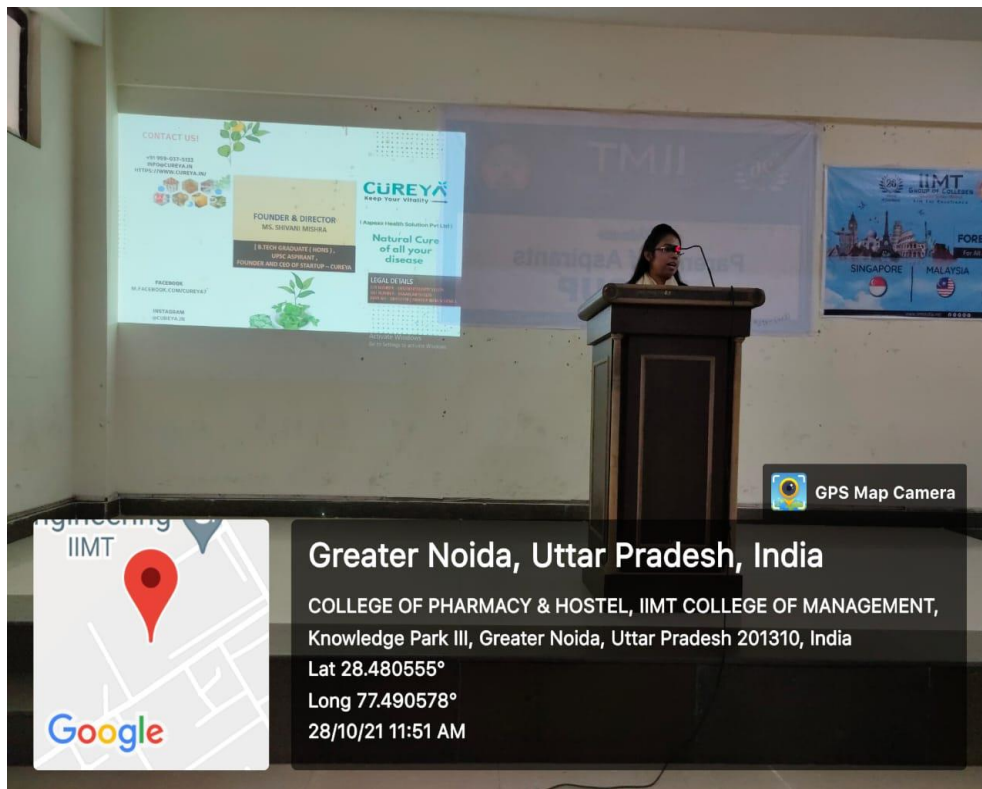
She also discussed about her company which is working in health care sector and also told about her new project in which they are trying to diagnosis the human disease using AI.





Greater Noida, Uttar Pradesh, India  
COLLEGE OF PHARMACY & HOSTEL, IIMT COLLEGE OF  
MANAGEMENT, Knowledge Park III, Greater Noida, Uttar  
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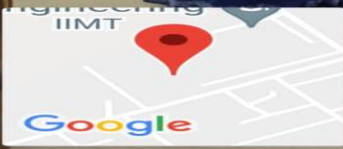
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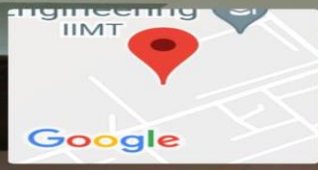
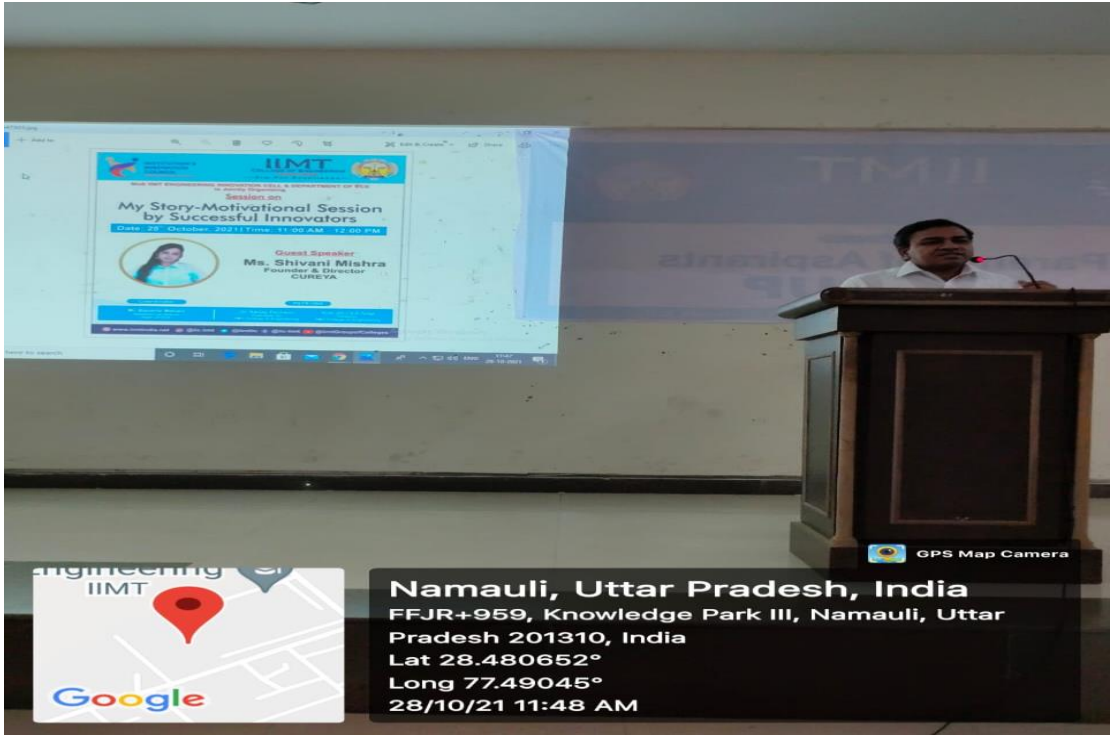
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Knowledge Park III, Greater Noida, Uttar Pradesh 201310, India  
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GPS Map Camera





**Greater Noida, Uttar Pradesh, India**  
COLLEGE OF PHARMACY & HOSTEL, IIMT COLLEGE OF MANAGEMENT, Knowledge Park III, Greater Noida, Uttar Pradesh 201310, India  
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**Namauli, Uttar Pradesh, India**  
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# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

**Department of Electronics & Communication Engineering**

**Motivational session**

**on**

**“My Story - Motivational Session by Successful Innovators”**

**(Under SCIE)**

**Through IIC**

**(Date: 10<sup>th</sup> November 2021 at 11::00 AM – 12:00 PM)**

## **Profile of Guest Speaker**

**Name:** Prof S. K. Mahajan Retired Scientist CEERI Pilani

**Email:**

**Contact No:** 7428485932

- Mr. S.K. Mahajan have 37yr+ experience (20yr R&D, 4 yr. Industry and 13 yr. of academics).
- He worked as a Scientist in Power Semiconductor Devices & Microelectronics area at CEERI Pilani Rajasthan for around 20 yr.
- He also worked as General Manager –Wafer Fab Division at USHA INDIA LIMITED, Faridabad,
- He also has UNDP Fellowship at University of Waterloo (CANADA) in the field of CAD for power semiconductor during 1986.
- He has more than 23 publications with 15+ product and various patents at CEERI pilani and USHA.
- In academics he worked as a R& D Director, T&P Director and HOD.



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is Jointly Organizing**

**Session on**

# **My Story-Motivational Session by Successful Entrepreneur**

**Date: 10<sup>th</sup> November, 2021 | Time: 11:00 AM - 12:00 PM**



**Guest Speaker**

**Prof (Dr.) S.K. Mahajan**  
Retired scientist  
CEERI Pilani

**Coordinator**

**Ms. Zaiba Ishrat**  
Assistant professor  
Dept. of ECE

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# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

**Department of Electronics & Communication Engineering**

**Motivational session**

**on**

**“My Story - Motivational Session by Successful Innovators”**

**(Under SCIE)**

**Through IIC**

**(Date: 10<sup>th</sup> November 2021 at 11::00 AM – 12:00 PM)**

**Speaker: Prof. S. K. Mahajan Retired Scientist CEERI Pilani**

The department of ECE organized a motivational session on “My Story - Motivational Session by Successful Innovators” under the IIMT Innovation Cell on 10<sup>th</sup> November 2021 at 11::00 AM – 12:00 PM. The Speaker was Prof. S. K. Mahajan Retired Scientist CEERI Pilani .

He discussed what Start-up is, How we can start it, What should be the objectives of our start up and what are the challenges which we can face during start up.

A Start up is a company in the early stages of development that is set up by one or several people to enter an existing market with unique products or services. Startup companies often face insufficient capital to fund their business operations to be at the same level as already established companies.

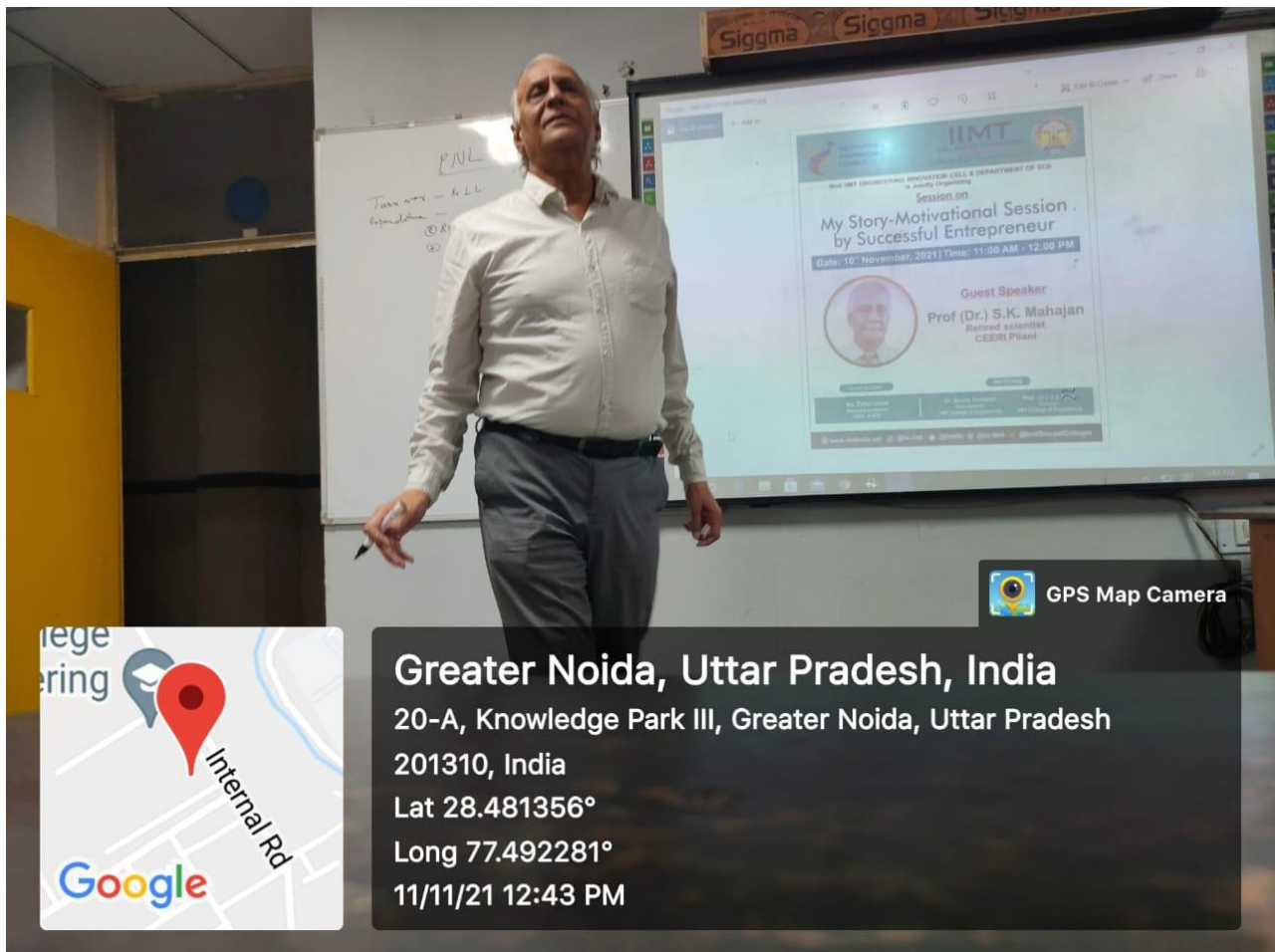
He discussed that his journey as an entrepreneur started from CEERI Pilani where he firstly introduced a transistor SL 100. According to him innovation should be in production and manufacturing industry, it is not necessary innovation should be novel; mandatory thing is that it should be cost effective.

For the survival in the market firstly understand the trend of market and our technology should be updated with time .To start the start up we should see all around and find out the problem means “NEED OF MARKET” than work on that problem to find out the best solution in effective cost.

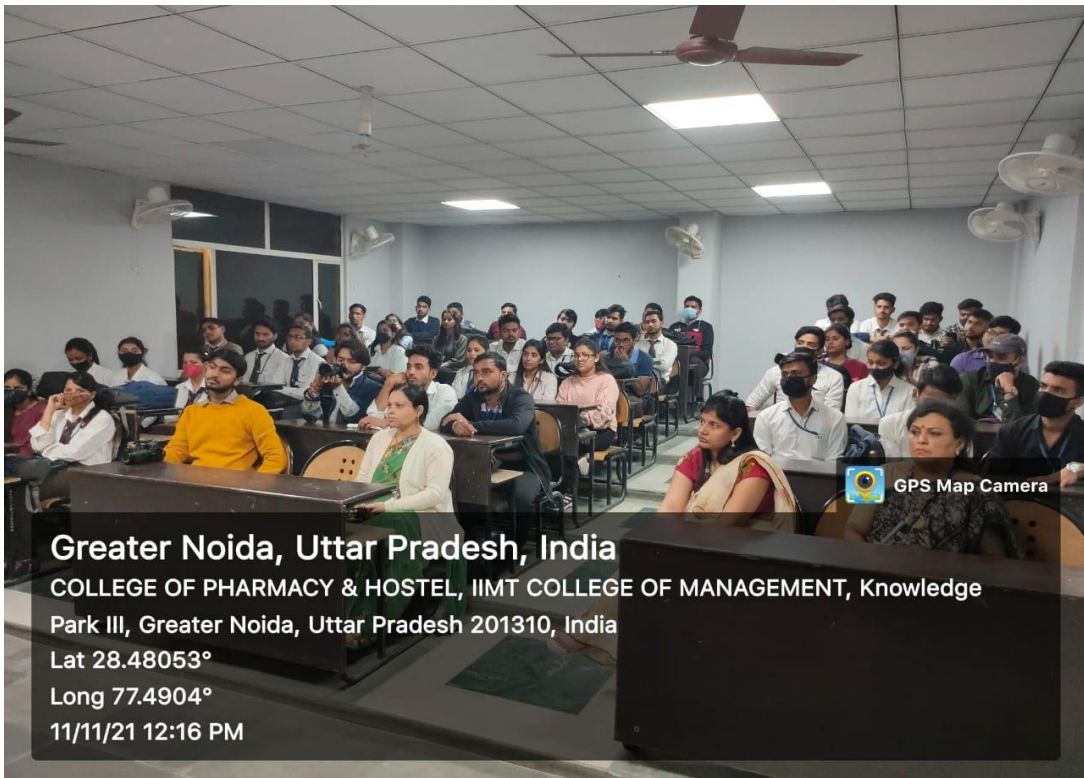
For the start up government is providing seed money of around 15lkh and and loan upto 1 crore so with the help of government we can start our journey.

Entrepreneurs tend to become overconfident and sometimes underestimate the potential of flawed analysis and stiff competition, which are essential parameters that define success. Other newbie companies enter the market with the eagerness to prove the merits of their innovative products or services. Successful new companies adopt a clear strategy before joining the market to ensure that they have a sustainable competitive edge.

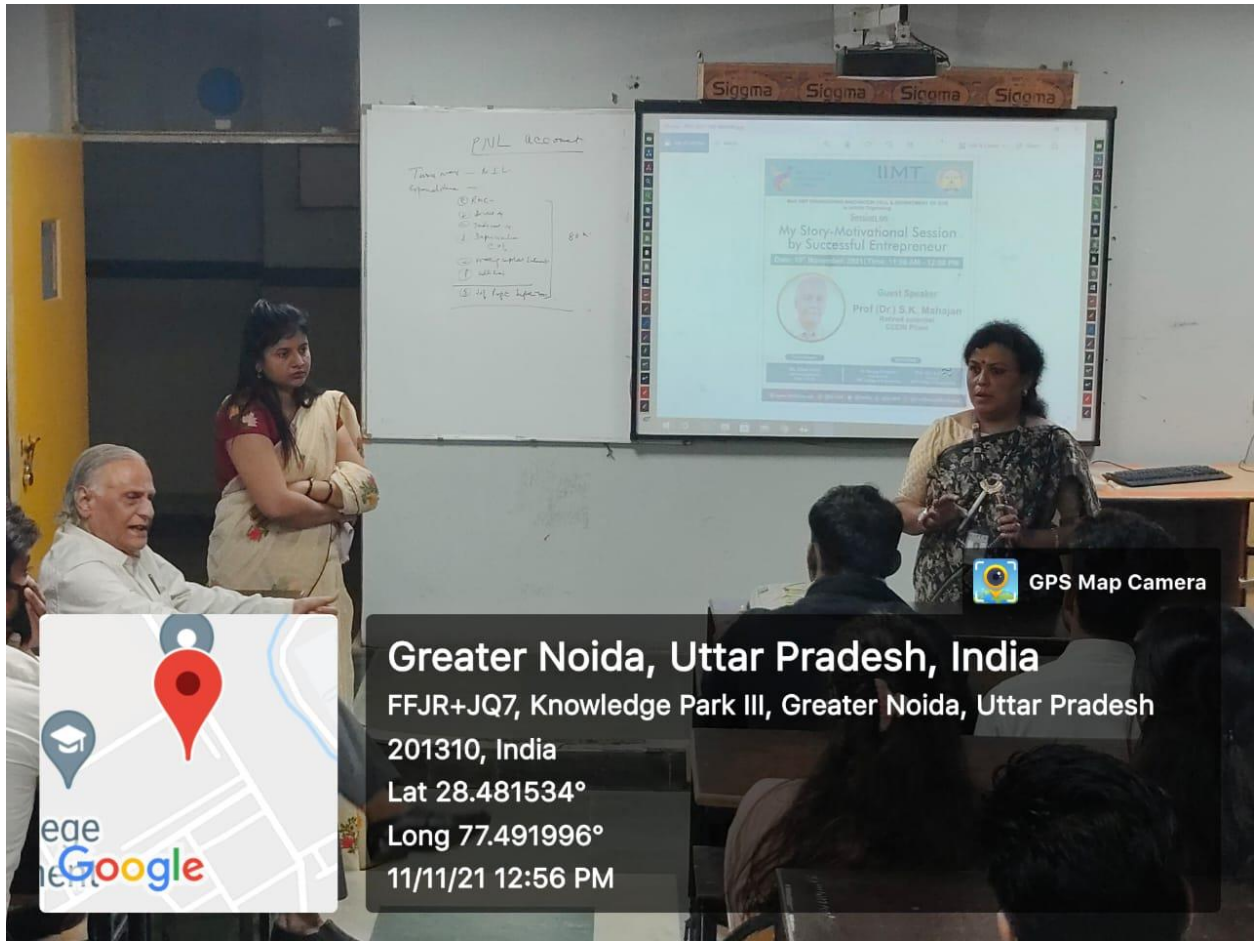
he also discussed new ideas related to start up in health and agriculture sector. In health sector start up can be in field of major world problem COVID and oxygen shortage. He gave a thumb rule for profit and loss for a start-up, according to him market selling cost should be double of our expenditure to earn 20% profit in any product











Greater Noida, Uttar Pradesh, India

FFJR+JQ7, Knowledge Park III, Greater Noida, Uttar Pradesh

201310, India

Lat 28.481534°

Long 77.491996°

11/11/21 12:56 PM



# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

## **Department of Electronics & Communication Engineering**

### **Industrial Visit**

**on**

### **“APPWARS Technologies Pvt Ltd”**

**(Date: 22<sup>nd</sup> November 2021 at 10::00 AM – 2:00 PM)**

The department is organized an Industrial Visit on 22<sup>nd</sup> November 2021 in APPWARS Technologies Pvt Ltd B-3 Sector 2 Near Sector 15 Metro Station. APPWARS Technologies is the India's fastest growing company in the field of Educational Workshop, On Campus Training and Professional Training & Corporate Training with most advanced technologies & experience in hand. APPWARS Technologies Pvt. Ltd. (The Ministry of Corporate Affairs Registered Company and A Ministry of MSME Govt. of India Approved Company) is the India's fastest growing company in the field of Online Training, Project Training, Summer Internship Training, Winter Training, Industrial Training, Faculty Development Training and Corporate Training with most advanced technologies & experience in hand.

APPWARS Technologies delivers interactive Training & Workshops which equip its participants with better practical understanding and preparation for jobs in industry. The hands-on sessions and lectures are designed based on current industry trends and draw on the rich experience of instructors and organizers.

APPWARS Technologies Provides cutting edge Technologies in 100+ Job Oriented Technologies like Data Science, Machine Learning, Artificial intelligence, Java, Android, Python, Web Development, Cyber Security, Cloud Computing, Internet of Things (IoT), Industrial Robotics, Industrial Automation, ANSYS, CATIA, Primavera, REVIT, Digital Marketing and many more. Being into the Service Industry we understand our client's requirements & provide them best services from our end. This company have branches in New Delhi, Noida and Greater Noida, we are working in three domain Training, Development and consultancy.

Company have a number of professionals who provides us number of technologies and solutions so that we can bring out Industry ready professionals to the market, to cater their needs. We have vast expertise in industrial training which enables us to impart good quality training with latest technology and teaching methodology which keeps the participants interested and they learn efficiently about the emerging trends and technologies.

He has also worked with many companies as a Business Development. He has also guided many start-up companies to achieve their goals.







Department of Electronics & Communication Engineering

## Alumni Connect



**Muskan**  
(Batch 2017-21)

**Application Engineer**  
Newgen Software

Mode Online



Microsoft Teams

🕒 01:40 PM Onwards | 📅 Friday, 26 Nov, 2021

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# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

## **Department of Electronics & Communication Engineering**

### **Alumni Connect**

**on**

**(Date: 26<sup>th</sup> November 2021 at 01:40 PM Onwards)**

The department of ECE organized an Alumni connect on 26<sup>th</sup> November 2021 at 1:40PM . The Guest was Muskan (batch 2017-21) ,working as an application engineer in Newgen Software.

It was an inspirable and interactive talk between students and alumni.In her talk, she motivated them how from first year to final year he developed a career with a good percentage in B.tech. Self confidence in career path mainly build future in better way. Jobs for ECE students are available in market. But they should be updated with latest technology to get a job in good company with a better package. And also you can start your own business by using latest technology.

She also discussed about her experience in department and encourage the students towards their study and also said she will help their juniors in future.



**IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**  
**Department of Electronics & Communication Engineering**

**Industrial Visit**

**on**

**“TIFAC CENTRE OF RELEVANCE AND EXCELLENCE”**

**(Date: 22<sup>nd</sup> November 2021 at 10::00 AM onwards)**

On Friday, 26<sup>th</sup> November 2021, a one-day Visit at TIFAC CENTRE OF RELEVANCE AND EXCELLENCE- Ghaziabad organised by IIMT College of Engineering, Greater Noida under Robotics Club for all branches of IIMT College of Engineering by the Robotics Club coordinator: Ms.Sheetal Nagar, Assistant Professor, Department of Electronics and communication Engineering.



The motive of the Visit to enhance the knowledge of Robotics and Automation for the students and to involve them in the extra-curricular activity.

The student coordinators were: Harsh Bhardwaj (Electronics and Communication IV Year) and Chandankumar (Electronics and Communication III Year) and have put out the hard work and dedication towards the successful conduction of the visit.



# **IMT COLLEGE OF ENGINEERING, GREATER NOIDA**

## **Department of Electronics & Communication Engineering**

### **Idea Competition**

**“Developing Online Repository of Ideas Developed & Way Forward Plan”  
(Under TI)  
Through IIC  
(Date: 30<sup>th</sup> November 2021)**

The department of ECE/CSE organized an Idea Competition on “Developing Online Repository Of Ideas Developed & Way Forward Plan” under TI through the IIMT Innovation Cell on 30<sup>th</sup> November 2021.

The Idea Competition is designed to facilitate the development of great ideas and help those ideas find fulfillment. Participants compete for prizes that include cash, mentoring, and engagement in the incubator process to help develop those ideas.

Ideas judged by a jury of professionals. The ideas is judged by the coordinator of event .The ideas with the most innovative and helpful solution won and mentoring for their idea implementation.

Big Ideas is an academic year-long, annual innovation contest that provides funding, support, and recognition to interdisciplinary teams of undergraduate and graduate students who develop creative solutions to pressing social problems. Contest goals are two-fold: 1) to support innovative projects with promising potential for social impact, and 2) foster a diverse pipeline of young innovators through targeted outreach, support, and educational opportunities.

In this event around 47 student participate from ECE/CSE department and students gives idea on different topics like Sensored earphone ,Wi fi Connection,Automated alarm system using gps,"Climate Change,Hotel Management Android Project,Vaccine counter,Special ability people not getting facilities made for them and going on wrong hands and gas sensing monitoring device etc.

Topics was related to all the fields like social,environmental and technical. All topics were new and students gave very innovative solution to solve the current issues.The winner of Event are:

- (i) Tanya Raj -AI second Year –First Position
- (ii) Aman Kumar – ECE Third Year –Second Position
- (iii) Aryan Kumar –CSE final year- Third Position

# LIST OF STUDENTS WITH FEEDBACK AND SUGGESTIONS



MoE IIMT Engineering Innovation Cell & Department of ECE, CSE  
is Jointly Organizing

## IDEA COMPETITION

— Title —

# DEVELOPING ONLINE REPOSITORY OF IDEAS DEVELOPED & WAY FORWARD PLAN

Date : 30th Nov, 2021 | Time : 10:00 AM Onwards

### PATRONS

**Prof. (Dr.) S.S. Tyagi**  
Director  
IIMT College of Engineering

**Prof. (Dr.) Sanjay Pachauri**  
IIC, President  
IIMT College of Engineering

**Prof. (Dr.) K. Rama Krishna**  
HOD  
Department of CSE

**Prof. (Dr.) Seema Nayak**  
HOD  
Department of ECE

### COORDINATOR

Registration Link: <https://forms.gle/6nasfUbl9aXPsyF29>

**Last Date of Registration : 29th Nov, 2021**

**Ms. Zaiba Ishrat**  
Assistant Professor  
Department of ECE

**Mr. Shekhar Tyagi**  
Assistant Professor  
Department of CSE

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# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

**Department of Electronics & Communication Engineering  
on**

**“One Day Programme on Invention Through Make In India Initiative”  
(Under SCIE)  
Through IIC**

**(Date: 7<sup>th</sup> December 2021 at 11::00AM Onwards)**

## **Profile of Guest Speaker**

**Name:** Mr. Jay Lakhotiya

**Email:** jay2788@gmail.com

**Contact No:** 7428485932

- Founder | Engineer turned Entrepreneur # Yantravat
- A visionary thought leader who believes is how I would like to describe myself.
- With an experience of 4+ Years in Robotics, he is passionate about developing creative strategies to deliver more value & increase sales with a team player attitude in highly agile, fast-paced environments.
- He is a self-motivated & detail-oriented Brand & Business Development person who follows the "Challenge Yourself, To Change Yourself" mantra.
- While studying, he found out there is a vast gap between what we learn and what we end up working.
- With that intention, He started my own company with an active interest in learning about different devices and their functioning.
- He firmly believes that Only by Serving Others do We GROW, and that's how I love to do my work.

# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

**Department of Electronics & Communication Engineering  
on**

**“One Day Programme on Invention Through Make In India Initiative”  
(Under SCIE)  
Through IIC**

**(Date: 7<sup>th</sup> December2021 at 11::00AM Onwards)**

## **Profile of Guest Speaker**

**Name:**Mr. Vivek Kumar Nigam

**Email:** viveknigam227@gmail.com

**Contact No:** +918076238957

He is a person who is seeking a challenging position that allows me to enhance my functional and technical skill by making me a part of innovations and utilize towards problem solving, planning, and organizing. Thus, allowing me to be a key contributor in the organization all the way fulfilling my long-term career goals.

Currently he is working as a associate consultant in RIA Advisory on the project of National Bank of Fujairah His role and responsibility related with Manual Testing as per the test cases and test script, Preparing functional Gap analysis,User creation on WebLogicsserver.API testing using Postman and Performance testing using Jmeter and Basic Knowledge of Pricing management, Statement, Customer Information.

He knows about Oracle and Oracle BI Publisher, WinSCP, SOAPUI 5.5.0, MS-Office, Postman, J-meter.



# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

**Department of Electronics & Communication Engineering  
on**

**“One Day Programme on Invention Through Make In India Initiative”  
(Under SCIE)**

**Through IIC**

**(Date: 7<sup>th</sup> December 2021 at 11::00AM Onwards)**

The department is organized an One Day Programme on Invention Through Make In India Initiative” (Under SCIE) Through IIC followed by quiz completion.

Mr. Jay discussed about Make in India initiative and policies of government related to start up. Make in India is an initiative by the Government of India to make and encourage companies to develop, manufacture and assemble products made in India and incentivize dedicated investments into manufacturing. The policy approach was to create a conducive environment for investments, develop a modern and efficient infrastructure, and open up new sectors for foreign capital. The initiative targeted 25 economic sectors for job creation and skill enhancement, and aimed "to transform India into a global design and manufacturing export hub. He discussed recent invention like Make in India, Digital India and Startup India have given the much-needed thrust to the Electronics System Design and Manufacturing (ESDM) sector in India. Moreover, the government's endeavors such as Modified Special Incentive Scheme (M-SIPS), Electronics Manufacturing Clusters, Electronics Development Fund and National Policy on Electronics 2019 (NPE 2019) have been a huge success.

Mr. Vivek discussed about the starting of Make in India that Make in India is the BJP-led NDA government's flagship campaign intended to boost the domestic manufacturing industry and attract foreign investors to invest into the Indian economy. The Indian Prime Minister, Mr. Narendra Modi first mentioned the key phrase in his maiden Independence Day address from the ramparts of the Red Fort and over a month later launched the campaign in September 2014 with an intention of reviving manufacturing businesses and emphasizing key sectors in India amidst growing concerns that most entrepreneurs are moving out of the country due to its low rank in ease of doing business ratings. This event is followed by quiz completion in which 40+ student participated, quiz was based on Make in India programme, the winner of event is

Ms. Anshika (ECE 2<sup>nd</sup> Year)

Mr. Sohit (ECE 2<sup>nd</sup> Year).

Mr. Gaurav (ECE 3<sup>rd</sup> Year)



**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of Education Initiative)

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



**MoE IIMT ENGINEERING INNOVATION CELL &  
DEPARTMENT OF ELECTRONIC & COMMUNICATION ENGINEERING**

JOINTLY ORGANIZING

# ONE DAY PROGRAMME ON INVENTION THROUGH MAKE IN INDIA INITIATIVE

## Speaker



**Mr. Jay Lakhotiya**  
Entrepreneur



Registration QR Code



**Mr. Vivek Kr. Nigam**  
Associate Consultant

## PATRONS

**Prof. (Dr.) S.S. Tyagi**  
Director  
IIMT College of Engineering

**Prof. (Dr.) Sanjay Pachauri**  
IIC, President  
IIMT College of Engineering

**Prof. (Dr.) Seema Nayak**  
HOD, ECE  
IIMT College of Engineering

## COORDINATOR

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

**Date: 07<sup>th</sup> Dec, 2021 | Time: 11:00 AM Onwards**

**Mode Online :** Microsoft Teams

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One Day Program On Invention Through Make In India Initiative

01:03:42

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Jay Lakhotiya (Guest)

Dr. Abhishek sharma

190216031... 190216031...  
190216031... Dr. Seema N...  
190216031... +70

Z

11:19 07-12-2021

One Day Program On Invention Through Make In India Initiative

01:12:04

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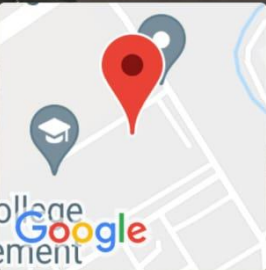
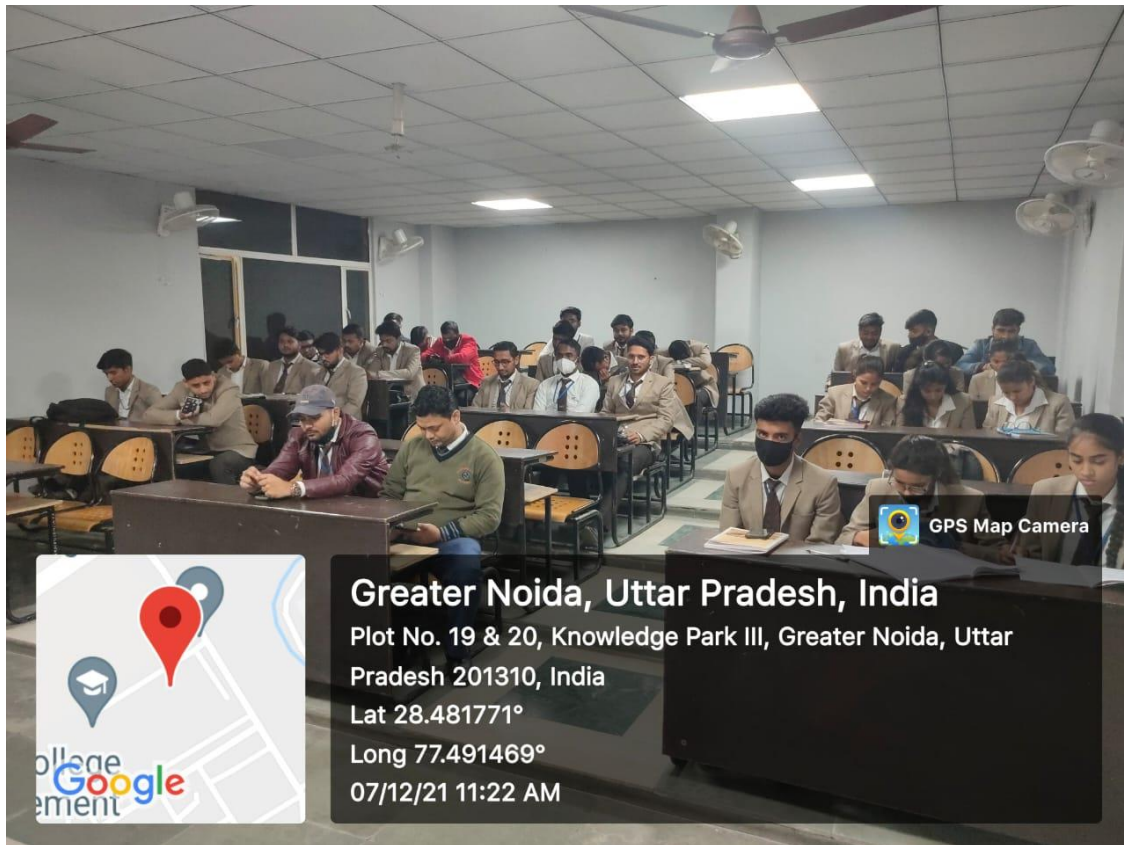
Jay Lakhotiya (Guest)

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Dr. Abhishek sh... 190216031... 61211032-...  
Chandan Ku... Ashutosh K... +72

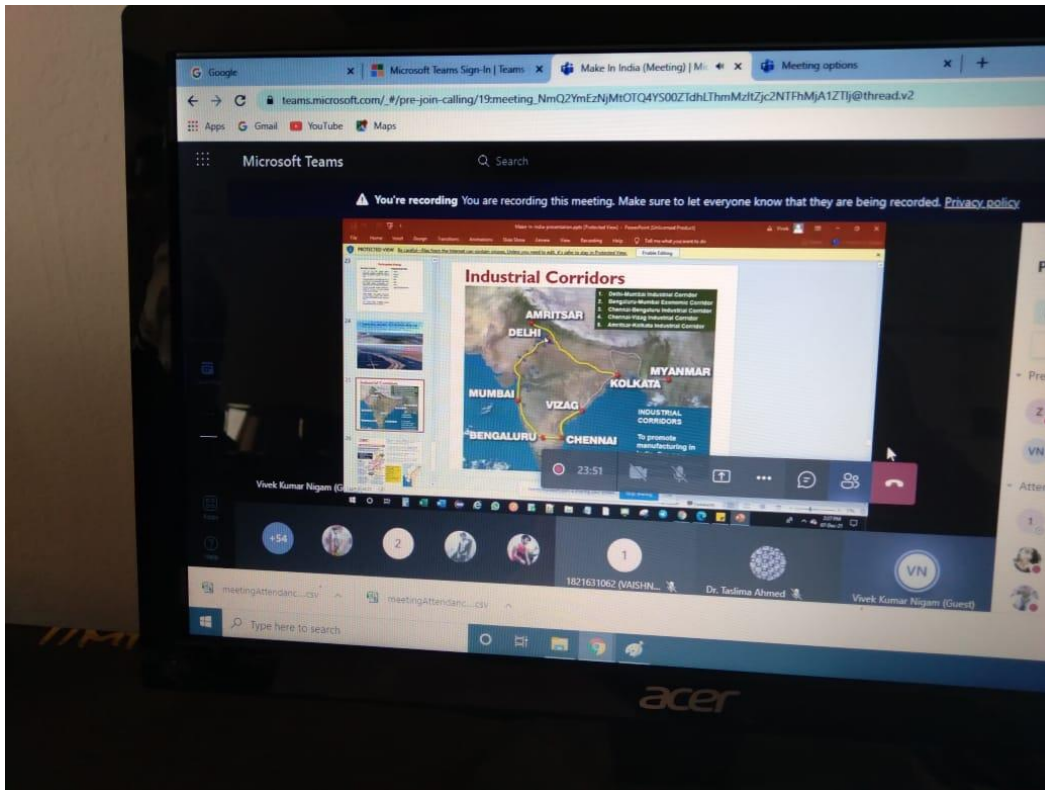
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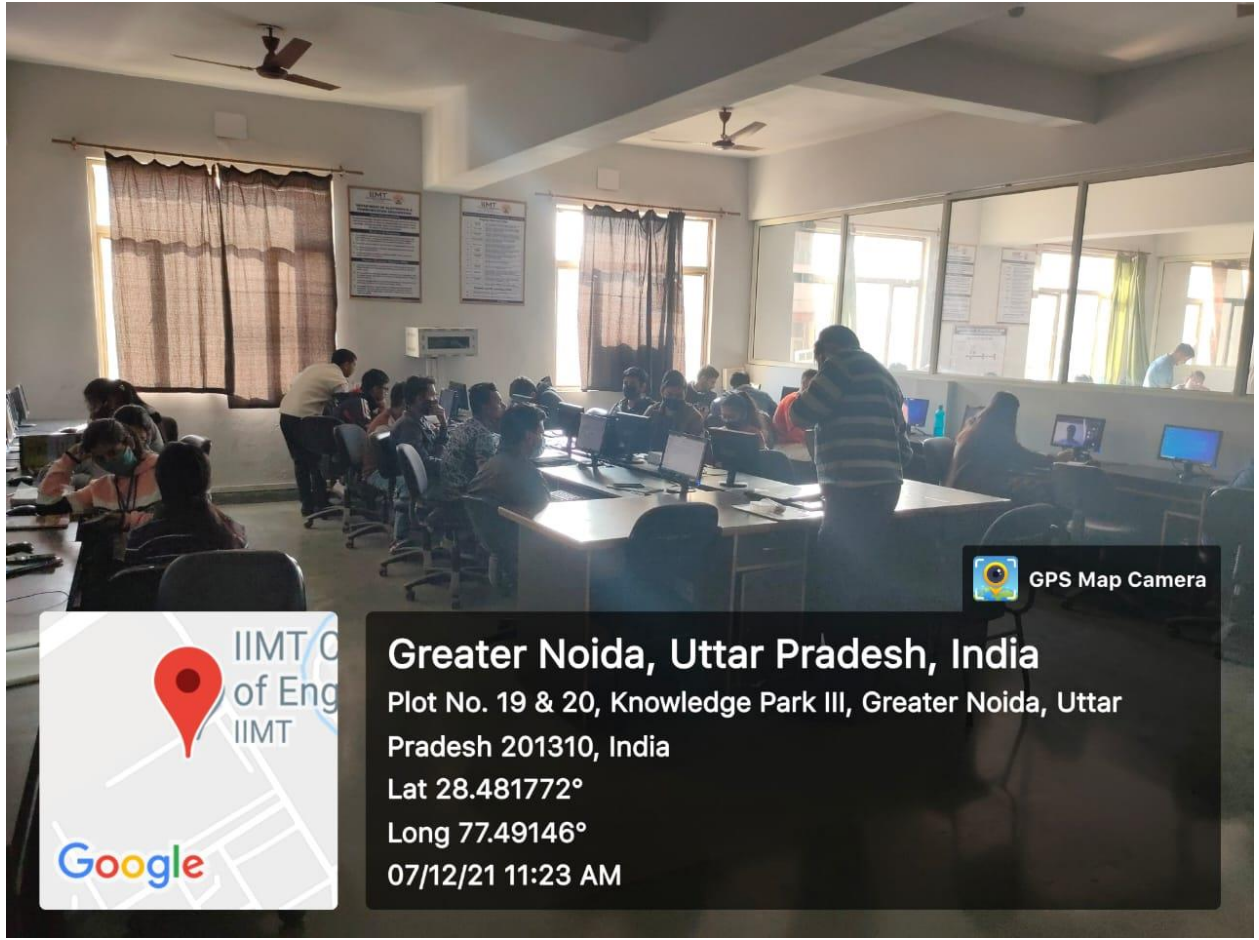
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College Placement  
Google





 GPS Map Camera



**Greater Noida, Uttar Pradesh, India**

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

Lat 28.481772°

Long 77.49146°

07/12/21 11:23 AM



# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

## **Department of Electronics & Communication Engineering**

### **Major Activity**

**on**

### **“Poster Making”**

**(Under SCIE)**

**(Date: 8<sup>th</sup> December 2021 at 11::00 AM – 12:00 PM)**

The department of ECE organized a major activity on “Poster Making” under SCIE on 8<sup>th</sup> December 2021 at 11::00 AM – 12:00 PM in Infinity 2K21.

In this event around 50+ students participated those are from different colleges of Greater Noida Region. The Theme of Poster making was E-Waste and Industry 4.0 in which student shows there talent.

The Judge for the Event was Dr. Deepak Sharma HOD ASH and Mr.BasantaMahato Assistant professor ECE. On the basis of Conciseness, Representation ,catchy Slogan, Creativity and Explanation three participants are selected.

First position winner received the gold medal and 1000 cash prize, second runner up silver medal with 500 cash prize and third runner up received the bronze medal.

The name of winners is:

1. Manisha...First
2. Ali Umar...Second
3. Shruti Gupta....Third

**IIMT**  
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Greater Noida  
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# INFINITY 2K21

## TECH FEST

📅 08 Dec, 2021 | ⌚ 09:00 AM Onwards

**EVENTS**

**CASH PRIZE FOR WINNERS**

BRIDGE KRITI  
TECHNOVISION  
POSTER MAKING  
WEB PAGE DESIGNING  
BRAIN TREE CODING CONTEST  
AUTOCAD DRAWING COMPETITION



**Registration**

**₹ 50/- Only, Per Participant**  
(Participation certificate will be given to all the participants)  
Registration Link : <https://forms.gle/T4Tuzz9cLnqLH9fd7>




 **9718804978**  
For Payment
 




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Web Link : <https://www.iimtindia.net/tech-fest-and-events.php>

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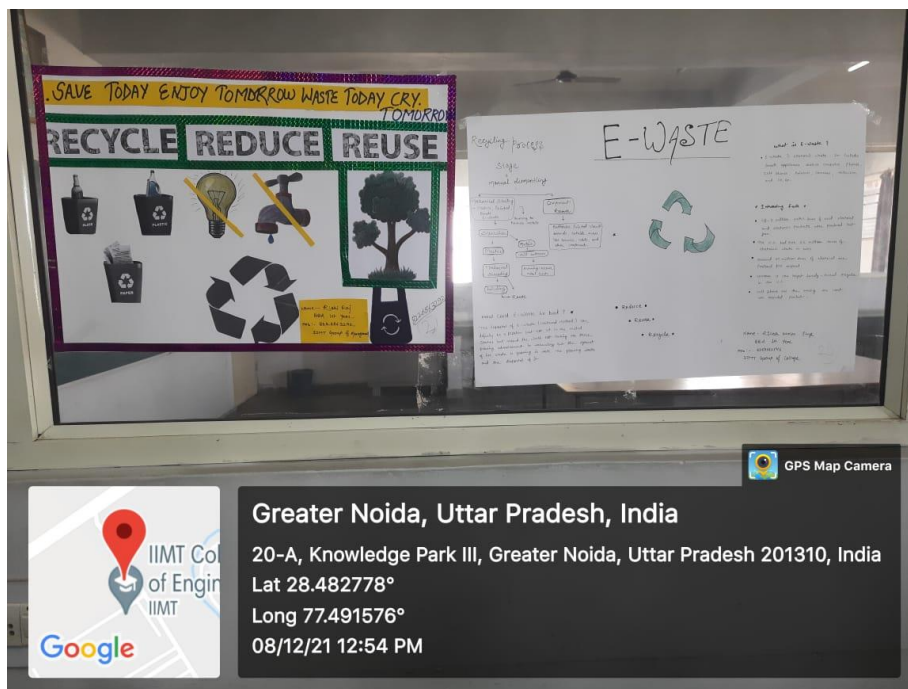
**Greater Noida, Uttar Pradesh, India**  
 20-A, Knowledge Park III, Greater Noida, Uttar Pradesh 201310, India  
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 Long 77.491576°  
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 GPS Map Camera



Greater Noida, Uttar Pradesh, India  
 20-A, Knowledge Park III, Greater Noida, Uttar Pradesh  
 201310, India  
 Lat 28.482778°  
 Long 77.491576°  
 08/12/21 12:53 PM

GPS Map Camera



Greater Noida, Uttar Pradesh, India  
 20-A, Knowledge Park III, Greater Noida, Uttar Pradesh 201310, India  
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 Long 77.491576°  
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GPS Map Camera

**IIMT COLLEGE OF ENGINEERING,  
GREATER NOIDA**

**Department of Electronics & Communication Engineering**

**DEPARTMENTAL ACTIVITIES**

**2021-22**

**EVEN SEM**

# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

**Department of Electronics & Communication Engineering**

## **Minor Activity**

**Workshop on Embedded System Design Using Arduino Board”**

**(Under Texas Instrumentation)**

**(Date: 11<sup>th</sup> March, Time: 10:00am, Dept. of ECE)**

**CAD Lab**

**Speaker: Mr. Kartik Gupta**

**(Embedded Design Expert)**

The Department of ECE organized a minor activity on **Workshop on Embedded System Design Using Arduino Board”**. This activity was organized under TI . **Mr. Kartik Gupta**

**(Embedded Design Expert)** elaborated discussion upon the Embedded system, and what are the opportunities in industry.

He discussed that Embedded system basically is a computer system that is designed to pull off a few or one specific function, more often than not in real-time computing constraints. “ARDUNIO” most widely used technique of embedded systems. An Arduino is an assembled board of Atmel 8-bit AVR microcontroller with additional components to facilitate programming. An important aspect of the Arduino is the standardized way in which the connectors are exposed, providing a facility to the CPU board to get connected to a variety of interchangeable add-on modules known as shields. The hardware consists of an open-source hardware board designed around an 8-bit Atmel AVR microcontroller. The software consists of a standard programming language compiler and a boot loader that executes on the microcontroller.

After this workshop students are able to:

Learn the basics of electronics, including reading schematics (electronics diagrams)

· Learn how to prototype circuits with a breadboard



- Learn the Arduino programming language and IDE
- Acquire Program basic Arduino examples
- Prototype circuits and connect them to the Arduino.
- Program the Arduino microcontroller to make the circuits work
- Connect the Arduino microcontroller to a serial terminal to understand communication and stand-alone use
- Explore the provided example code and online resources for extending knowledge about the capabilities of the Arduino microcontroller

After this workshop a quiz competition take place on the basis of learning and first second position students received the gift and certificate by the cetpa experts. The link of activity was : <https://www.surveymonkey.com/r/MFVSPRN>

The winners are:

Surendra Gupta : First position

Ashoutosh Kumar : Second Position

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Greater Noida  
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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING  
IS ORGANIZING  
Minor Activity

**WORKSHOP ON  
EMBEDDED SYSTEM DESIGN USING  
ARDUINO BOARD**

UNDER TEXAS INSTRUMENTS

**Guest Speaker  
Mr. Kartik Gupta**  
Embedded Design Expert

Date: 11<sup>th</sup> March, 2022  
Time: 10:00 AM Onwards  
Venue : E-324, New B-Tech building

**PATRONS**  
Prof. (Dr.) S.S. Tyagi  
Director  
IIMT College of Engineering

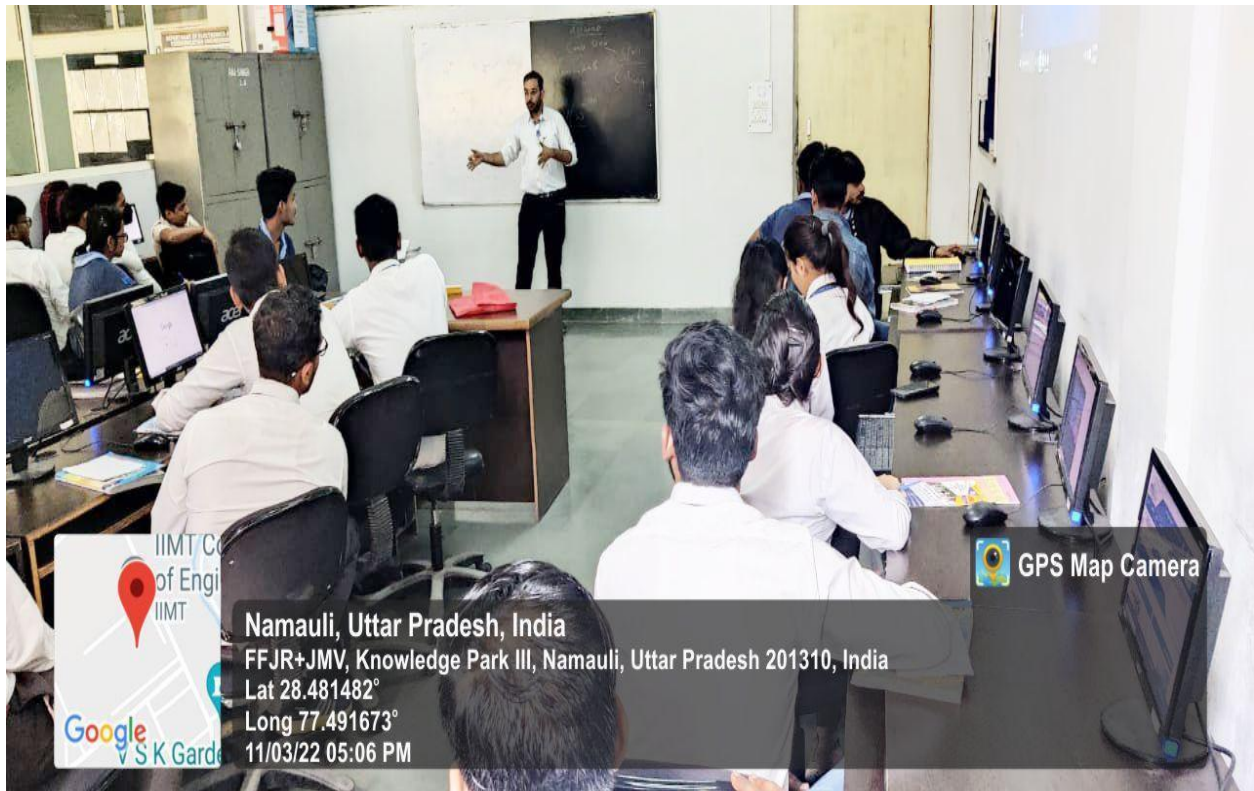
Dr. Seema Nayak  
HOD, ECE  
IIMT College of Engineering

**COORDINATOR**  
Mr. Basanta Mahato  
Assistant Professor  
IIMT College of Engineering

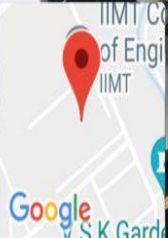
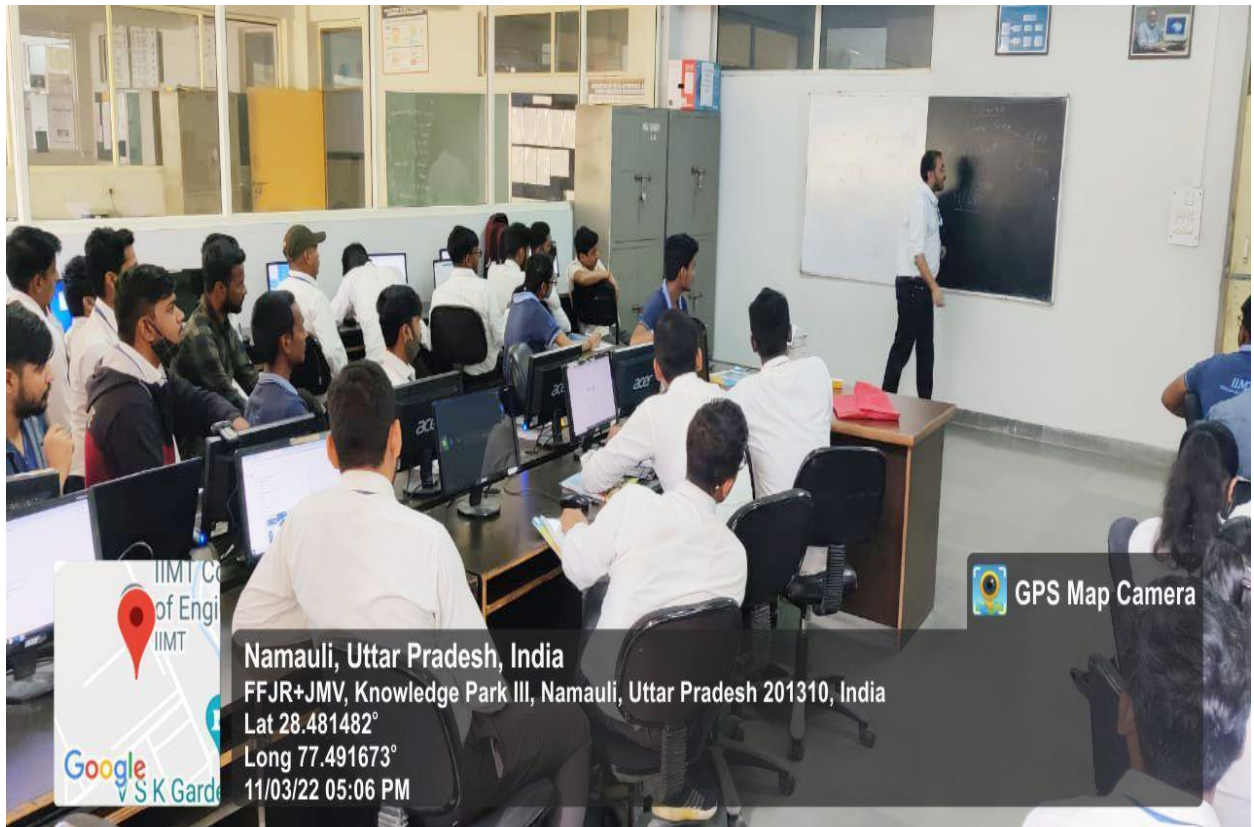
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**Namauli, Uttar Pradesh, India**  
FFJR+JMV, Knowledge Park III, Namauli, Uttar Pradesh 201310, India  
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Long 77.491673°  
11/03/22 05:06 PM



**Namauli, Uttar Pradesh, India**  
FFJR+JMV, Knowledge Park III, Namauli, Uttar Pradesh 201310, India  
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Long 77.491673°  
11/03/22 05:06 PM

# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

**Department of Electronics & Communication Engineering**

**Minor Activity**

**Workshop on Embedded System Design Using Arduino Board”**

**(Under Texas Instrumentation)**

**(Date: 11<sup>th</sup> March, Time: 10:00am, Dept. of ECE)**

**CAD Lab**

**Profile of Speaker**

**Speaker Name:** KARTIK GUPTA

Contact No: 9711187756

Email id: Kartikgupta0132@gmail.com

## **EXPERIENCE SUMMARY:**

- Possess 5+ years of professional experience in electronic industry domain.
- Having knowledge of Software Languages including C, Python, Tcl/Tk, Bash, Embedded C.
- Experience in algorithm development using Data Structures and OOPS Concepts.
- Have exposure in IOT projects and Integration of existing Embedded projects onto IOT platform. ● Having good exposure in GUI Development, database designing, writing SQL queries.
- Having 3 years of experience in Printed Circuit Designing and Manufacturing Process including Rigid and Flex PCBs.
- 3 years and continuing experience in Embedded System Designing using AVR, ARM, Raspberry Pi and Arduino
- Having 2 years of working experience in Verilog Hardware Description Language.
- Have project based knowledge on Machine Learning, and Statistics

**TECHNICAL EXPERTISE: Languages:** C, Python, Bash, Tcl/Tk, Embedded C

**Operating System:** Windows/Linux/Mac.

**Employment Scan:** Cetpa Infotech Pvt Ltd, Noida (<https://www.cetpainfotech.com/>)

Designation: IOT/Embedded/VLSI Trainer

**Electrokriti Labs Pvt Ltd, Delhi** (<http://electrokriti.com>)

Designation : Embedded Design Engineer

**Amazin Automation Solutions India Pvt Ltd, Gurugram** (<http://amzbizsol.in/>)

Designation : Embedded R&D Engineer

**3ST Technologies Pvt Ltd, Noida** (<http://3sttechnologies.com/>)

Designation : Associate Embedded Engineer


**Social Media Link:**

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<https://twitter.com/iimtnoida/status/1501875710390304771/photo/1>

[https://www.instagram.com/p/Ca67k8tNMDI/?utm\\_source=ig\\_web\\_copy\\_link](https://www.instagram.com/p/Ca67k8tNMDI/?utm_source=ig_web_copy_link)







TEAMING TOGETHER  
NITTTR  
CHANDIGARH




NBA  
NATIONAL BOARD  
OF ACCREDITATION



NAAC  
NATIONAL ASSESSMENT AND  
ACCREDITATION COUNCIL



IIMT  
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Greater Noida  
— Aim For Excellence —




1947  
1984

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## Online STC on

### "Artificial Intelligence and Big Data Analysis for Electrical Engineering"

Organized by  
**NITTTR, Chandigarh in Collaboration with Department of ECE**  
(Under Internal Quality Assurance Cell)



- Basic of neural Network
- MLP, Back Propagation and Associative Memory
- Self-organizing MAPs and ART Neural Network
- AI based adaptive control technique for grid integrated solar energy conversion system
- Basics of Big data analysis in Smart Grid
- Basic concepts of statistics, correlation and regression
- Data preprocessing and Basic concept of supervised and unsupervised learning
- Classification problem using MATLAB
- Handling Time series data for prediction using MATLAB
- Handling large files and Big data using MATLAB
- Unsupervised deep learning and analysis of harmonic variation patterns using big data obtained from EV charging
- MATLAB and Python for harmonic analysis

**Patrons**

Prof (Dr.) M K Soni | Prof (Dr.) S S Tyagi

**Coordinator**

Prof (Dr.) Seema Nayak

**Co - ordinator**

Mr. Pankaj Jha|Ms. Sheetal Nagar|Ms. Arpana Mishra

**Date : 07 - 11<sup>th</sup> March 22**     <https://forms.gle/XZgFvAiYxm8kUuaZ9>

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**National Institute of Technical Teachers Training and Research,  
Chandigarh Electrical Engineering Department  
Online STC on  
Artificial Intelligence and Big Data Analysis for Electrical Engineering (in  
Collaboration with MathWorks)**

**(O. PLAN No. EE12) 07/03/2022 to 11/03/2022  
TENTATIVE TIME-TABLE**

LM : Prof. Lini Mathew, Professor, NITTTR, Chandigarh  
 SSL : Dr. Shimi S.L, Assistant Professor, NITTTR,  
 Chandigarh RT : Dr. Ritula Thakur, Associate Professor,  
 NITTTR, Chandigarh  
 RB: Dr. Reji Bhuvanendran, Assistant Director, Directorate of Census Operations,  
 Chandigarh NK : Dr. Nishant Kumar, Assistant Professor, Indian Institute of  
 Technology Jodhpur  
 PR/MP: Pratyush Roy/Monalisa Pal, MathWorks, USA  
 MMZ: Mr. MM Zafar, National Technical Manager-MathWorks, Design Tech  
 Systems Pvt. Ltd, New Delhi  
 RAO: Mr. Roger Alves de Oliveira, PhD Student, LTU, Sweden

**Course Coordinator:** Dr. Shimi S.L, Assistant Professor, Electrical  
 Engineering Department, NITTTR Chandigarh

# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

## **Department of Electronics & Communication Engineering**

### **Online STC on**

### **Artificial Intelligence and Big Data Analysis for Electrical Engineering (in Collaboration with MathWorks)**

**(Date: 07/03/2022 to 11/03/2022 Dept. of ECE)**

The Department of ECE was organized FDP, "Artificial Intelligence and Big Data analysis For Electrical Engineering" by NITTR Chandigarh Collaboration with Department of ECE on **7<sup>th</sup> -11<sup>th</sup> March 2022**.

Artificial Neural networks (ANN) or neural networks are computational algorithms. It intended to simulate the behaviour of biological systems composed of "neurons". ANNs are computational models inspired by an animal's central nervous systems. It is capable of machine learning as well as pattern recognition. Optimized energy is a social and economic requirement for the development of society. For the last thirty years, a great deal of research has been undertaken to analyze and solve the problems of electrical power systems. Most of the research is on control theory, power electronics drivers and economic analysis. In recent years, the development of artificial intelligence and its methods has made this technology applicable in many areas. In this study, some methods have been proposed in order to provide supply balance by investigating the methods of using electric power systems with artificial intelligence techniques. Research on electrical power system can be examined in two groups as modeling and analysis. In this study, fault scenarios were created by using the energy transmission line model: these defects were then determined by artificial intelligence methods. Deep Learning which is a subset of Machine Learning is the human brain embedded in a machine. It is inspired by the working of a human brain and therefore is a set of neural network algorithms which tries to mimics the working of a human brain and learn from the experiences.

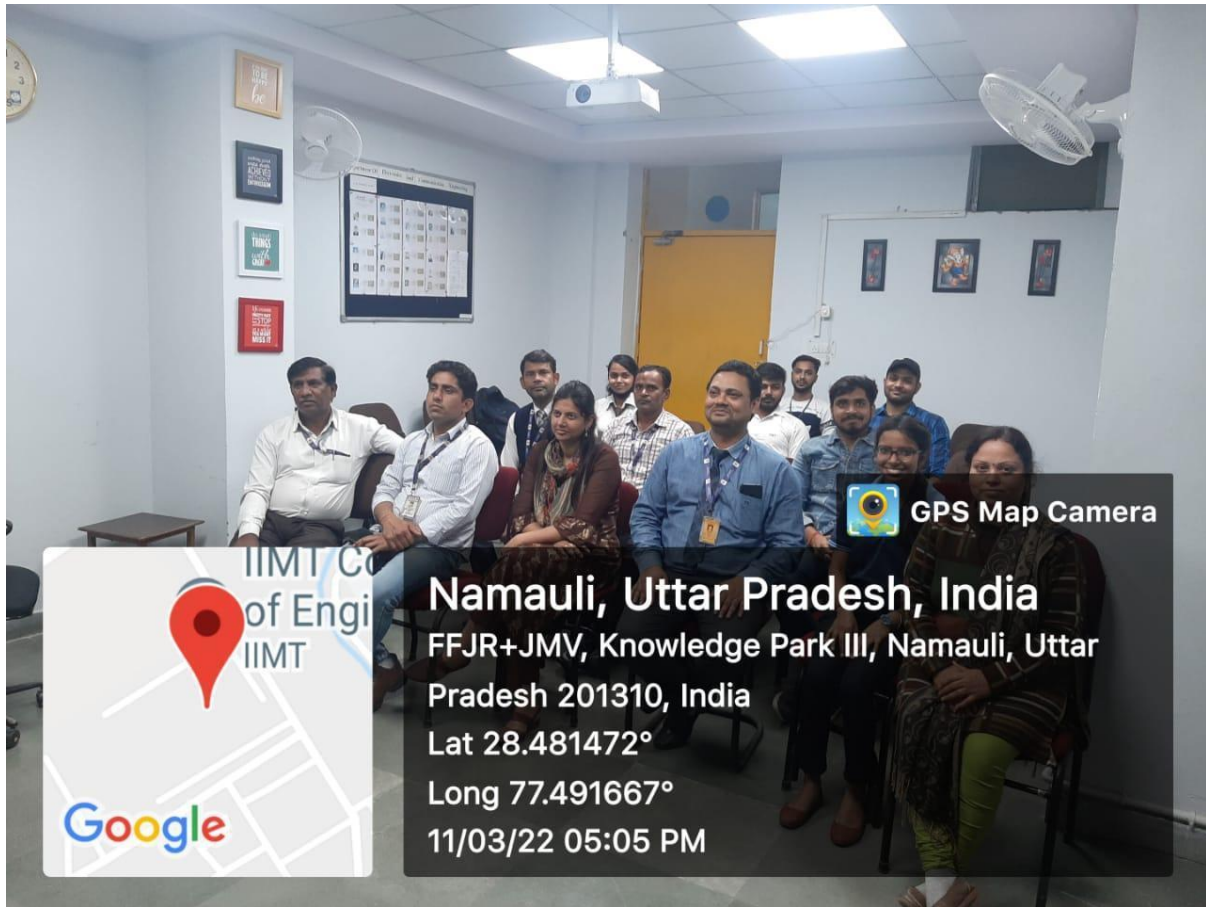
Neural Networks is a computational learning system that uses a network of functions to understand and translate a data input of one form into a desired output, usually in another form. The concept of the artificial neural network was inspired by human biology and the way neurons of the human brain function together to understand inputs from human senses.

Deep Learning Toolbox provides a framework for designing and implementing deep neural networks with algorithms, pertained models, and apps. You can use convolution neural networks (Conv Nets, CNNs) and long short-term memory (LSTM) networks to perform classification and regression on image, time-series, and text data. You can build network architectures such as generative adversarial networks (GANs) and Siamese networks using automatic differentiation, custom training loops, and shared weights. With the Deep Network Designer app, you can design, analyze, and train networks graphically. The Experiment Manager app helps you manage

multiple deep learning experiments, keep track of training parameters, analyze results, and compare code from different experiments. You can visualize layer activations and graphically monitor training progress.











# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

## **Department of Electronics & Communication Engineering**

### **Minor Activity**

#### **Poster Presentation of Business Plan**

**(Under IEI)**

**Through IIC**

**(Date: 4<sup>th</sup> April, Time: 10:00am, Dept. of ECE)**

**Microprocessor Lab**

The Department of ECE organized a minor activity on "Poster Presentation on Business Plan". This activity was organized under IEI through IIC on 4<sup>th</sup> April 2022 10 am onwards. In this activity more than 30 students participated and showed their idea on new business model.

The Business Plan Poster Contest is a great opportunity for our Introduction to Business students to showcase their hard work from the semester," Basile said. "The students' energy and creativity has made this an enjoyable event for the whole EcE department. For the contest, groups of students were tasked with developing a new business idea, conducting environmental and competitive analyses, developing a marketing plan and preparing financial statements. "Introduction to Business" students who presented their company ideas and business plans in a "trade show" setting, complete with booths, posters and flyers. Students interacted with attendees and pitched their concepts.

#### **Aims and Objectives :**

This guide presents a strategy for producing poster presentations that encourages clarity as well as creativity, helping you to make the most of your poster design.

1. Posters offer the opportunity to engage with other conference attendees interested in the same subject and application as yourself. You might strike up a conversation with someone about your poster that may lead to future collaboration or even a job offer! One-on-one conversations about your poster enable you to talk about very specific aspects of your research that may not be possible in a presentation.
2. A poster session is a good way to disseminate your work, particularly if your research falls within a narrow field of specialization. It also gives you the opportunity to actively engage with others during the conference in a way that networking alone does not, since by its very nature the poster defines the topic of conversation.

3. If your topic does not fit within the conference organiser's themes for the tracks, a poster is a good way to present research that doesn't fit into one of the track categories well. That's not to say your research doesn't fit the conference or the audience, it just may not be a good fit for the agenda. Certainly posters can offer a strong supplement to the conference agenda, as well as provide you with a means to present your research.
4. Another good reason to present a poster is that you can expect to receive compliments on your work and critiques that can help you in the future. An insightful, impartial discussion of your work by a peer can often provide ideas for improving your work downstream.
5. Sometimes a poster session is better than an oral presentation due to time constraints in the latter. During a typical oral presentation you will have 10-15 minutes for questions and comments while a poster session typically lasts several hours, allowing for more in-depth discussions. Moreover, not all people will manage to make it to your oral presentation because there will probably be concurrent tracks.
6. Poster sessions offer the opportunity to practice your presentation skills. One advantage of presenting a poster is that it enables you to try explaining a concept in different ways, and see which explanation is most well received. At the same time that you're honing your ability to communicate verbally, you can also hone your ability to present information visually in a simple way.
7. A poster session is ideal for the early stages of the research, when you may not have much more than an idea, and you stand to benefit a lot from discussing your idea with other researchers from the same field.

**The winners are:**

Priya and Ashutosh: First position

Pooja and Surendra Gupta: Second Position

Akhil Kadri and Alok Gond: Third position



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**MoE IIMT ENGINEERING INNOVATION CELL &  
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are Jointly Organizing

# “POSTER PRESENTATION OF BUSINESS PLAN”



Scan for Registration

**Date: 04<sup>th</sup> April, 2022**  
**Time: 10:00 AM Onwards**  
**Venue: Microprocessor Lab**  
**Room No-323, Block-B**

**Last Date of Registration**

**02<sup>nd</sup> April, 2022**

**COORDINATOR**

**Ms. Zaiba Ishrat**  
Assistant Professor  
Department of ECE

**PATRONS**

**Dr. S.S. Tyagi**

Director  
IIMT College of Engineering

**Dr. Sanjay Pachauri**

IIMT-IIC, President  
IIMT College of Engineering

**Dr. Seema Nayak**

HOD  
Department of ECE

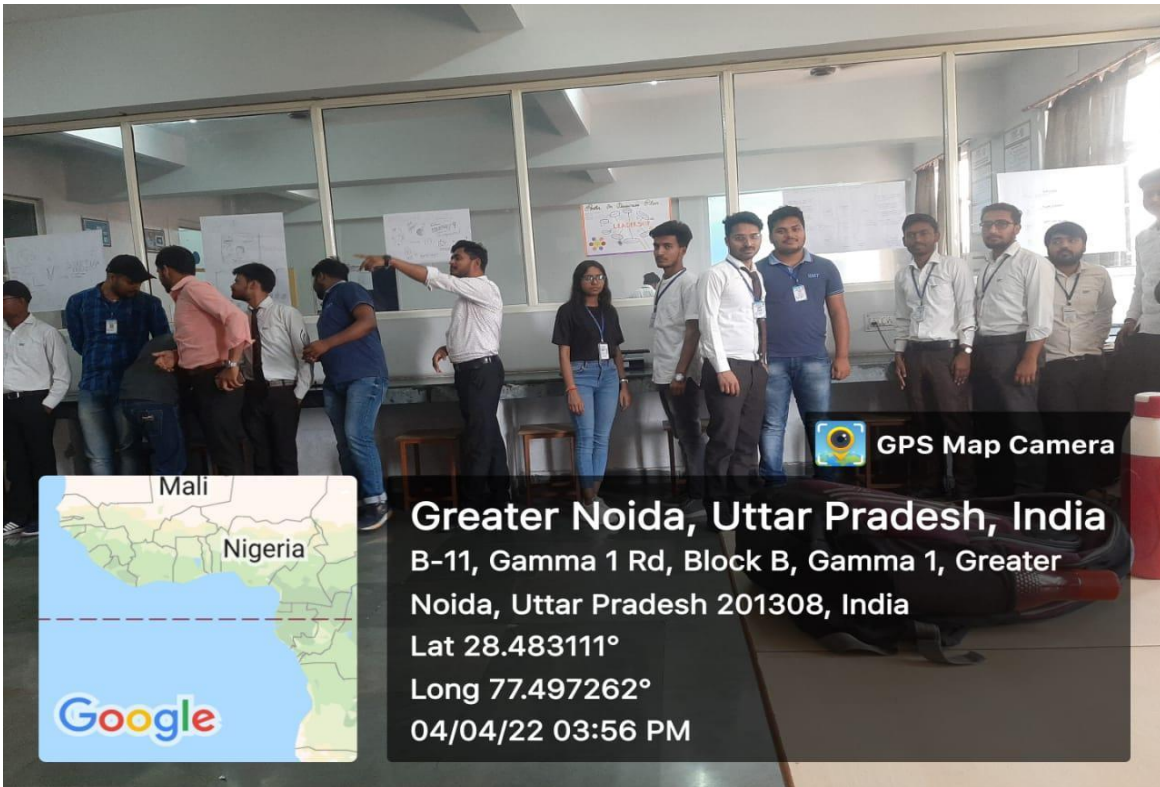
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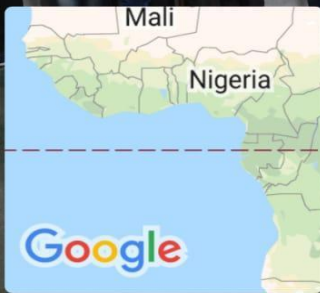
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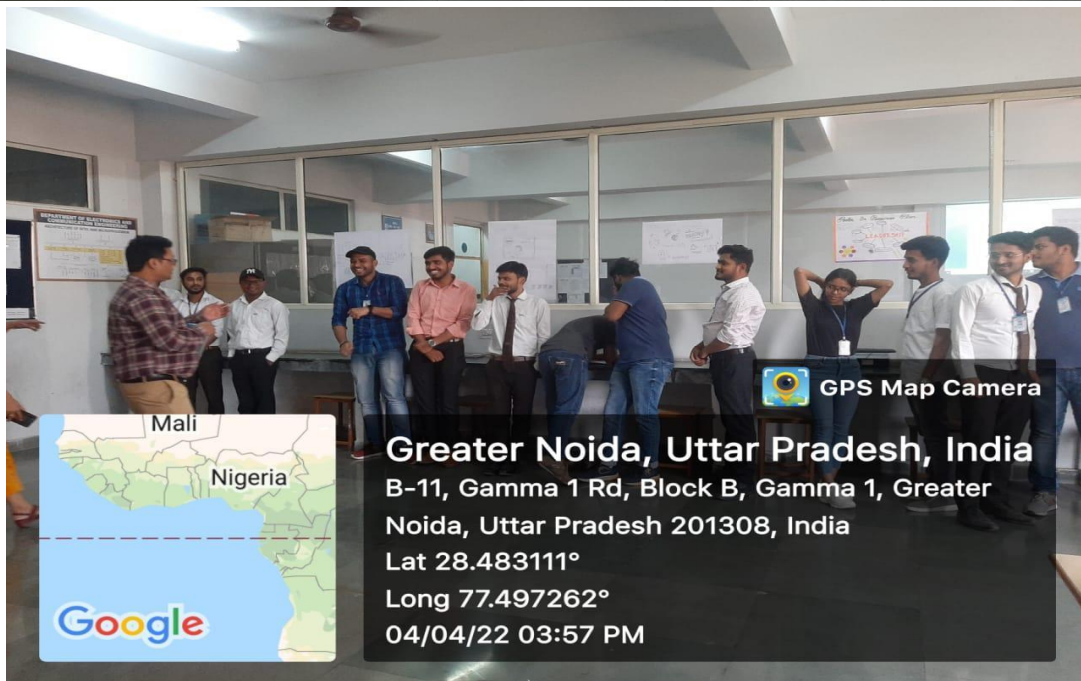
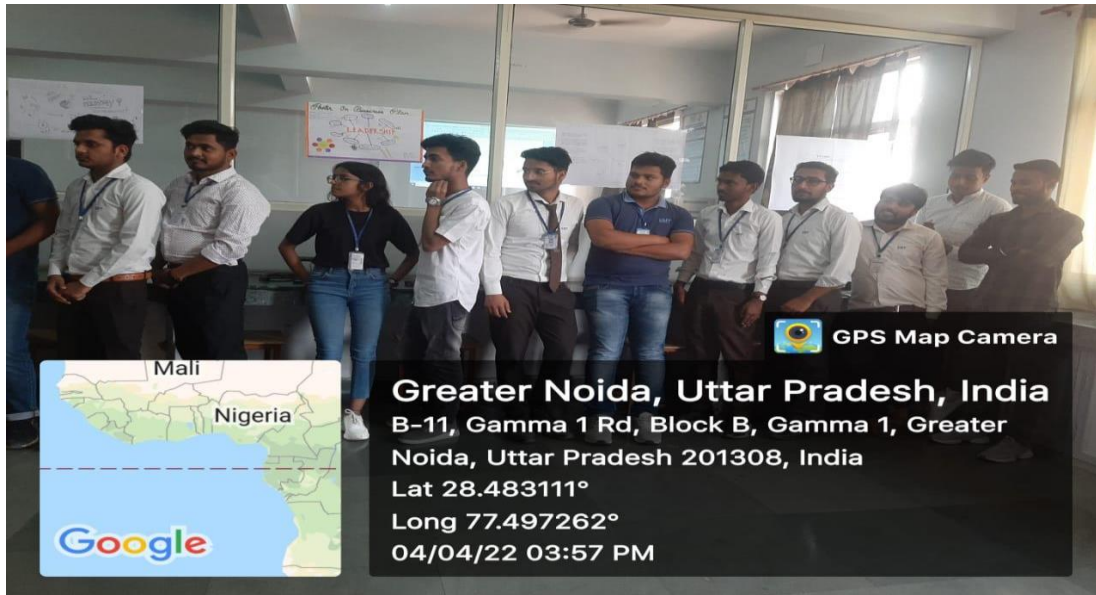


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<https://www.facebook.com/iimtiic/photos/a.104427074807595/466273911956241/?type=3&theater>

**Instagram Link:** <https://www.instagram.com/p/Cb9MZYEqXe/>

**You tube link:** <https://www.youtube.com/watch?v=6JVB-8KXrHo>



# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

## **Department of Electronics & Communication Engineering**

### **Industrial Visit**

**(Date: 12<sup>th</sup> April, Time: 10:00am, Dept. of ECE)**

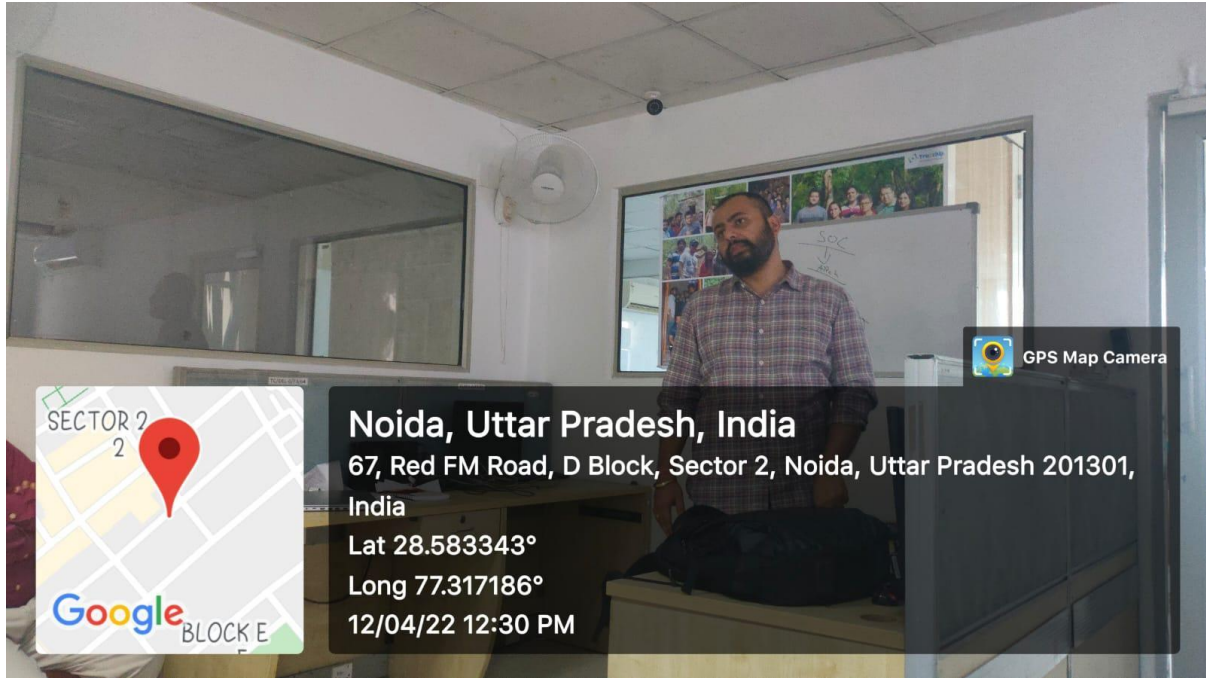
**True Chip Pvt ltd Noida**

The department of ECE organised an industrial visit on 12th April 2022 for ECE third year students in True chip Pvt ltd Noida to fill the industry and academia gap. Mr. Pankaj jha was the coordinator of this visit.

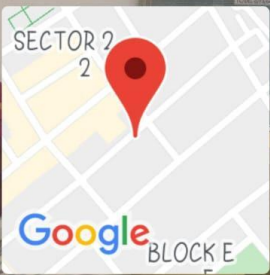
Truechip, the Verification IP specialist, is a leading provider of Design and Verification solutions – which help you, accelerate your design, lowering the cost and the risks associated with the development of your ASIC, FPGA and SOC. Truechip is a privately held company, with a global footprint and sales coverage across North America, Europe and Asia.

Truechip has been serving customers since last 10 years in VLSI with a strong and experienced leadership. Truechip provides industry's first 24x5 support model with specialization in VIP integration, customization and SOC Verification.

Students learned about architecture design, RTL Design, Chip Integration, Testbench Creation, Testplan and Test vector coding, Assertions, SVA, Functional Coverage, Verilog, VHDL, System Verilog with OVM/ UVM/ VMM, IP Verification, SOC Verification, Functional and Timing Simulations, Power Aware simulations, CPF/ UPF based verification.



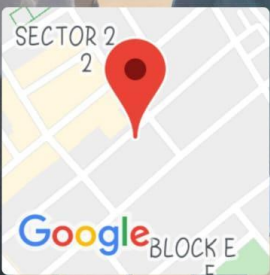
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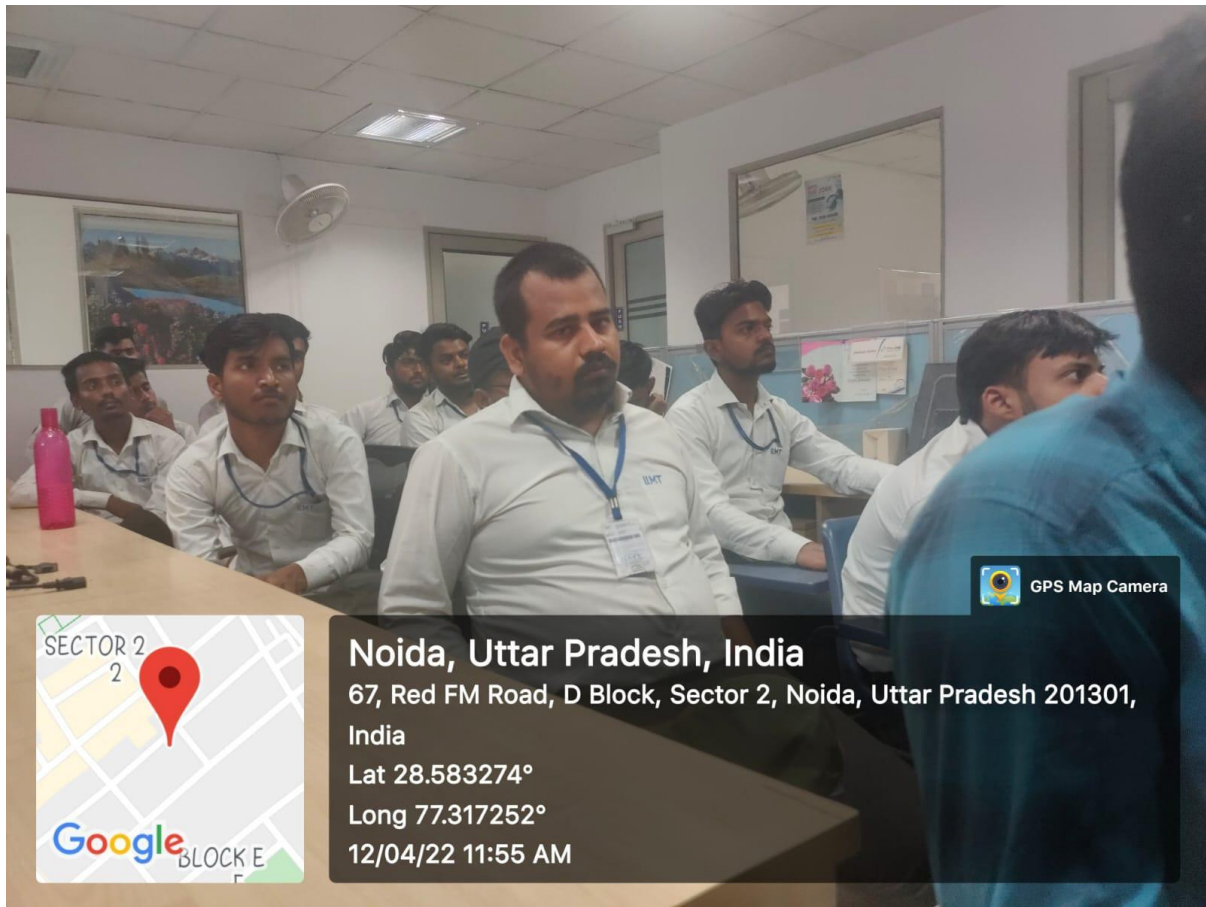
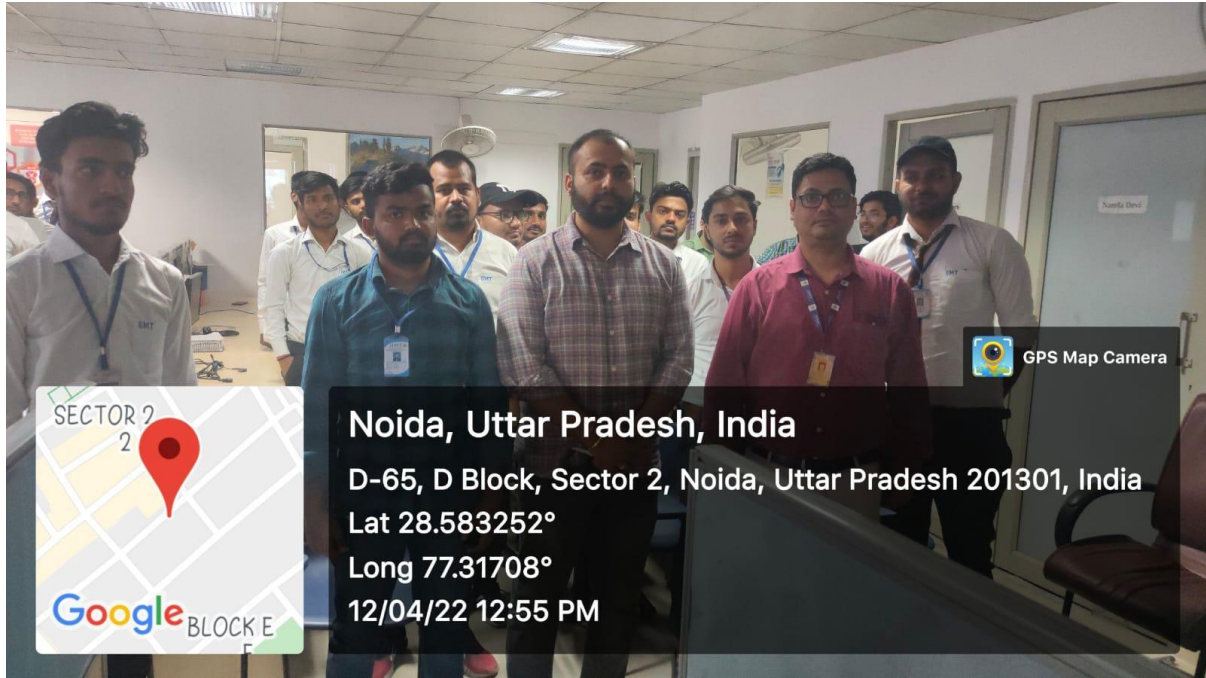
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GPS Map Camera



**Noida, Uttar Pradesh, India**  
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Long 77.317158°  
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**Noida, Uttar Pradesh, India**

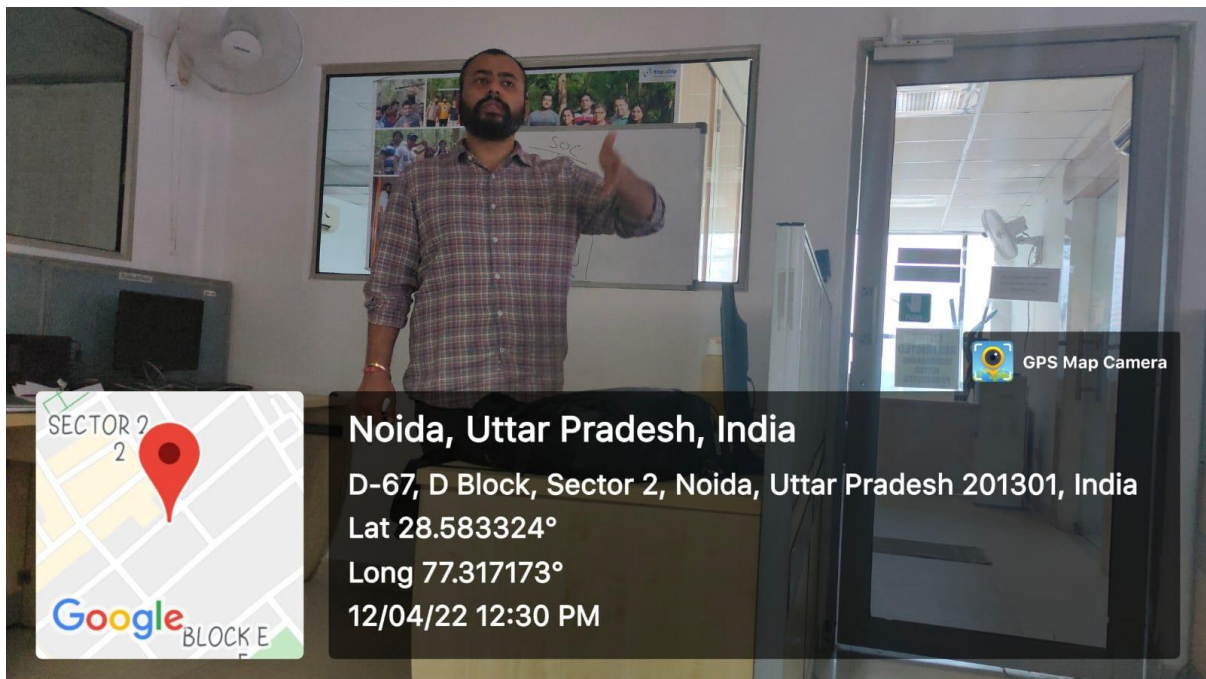
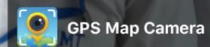
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201310, India

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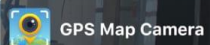
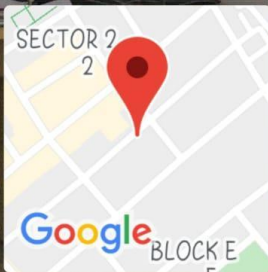
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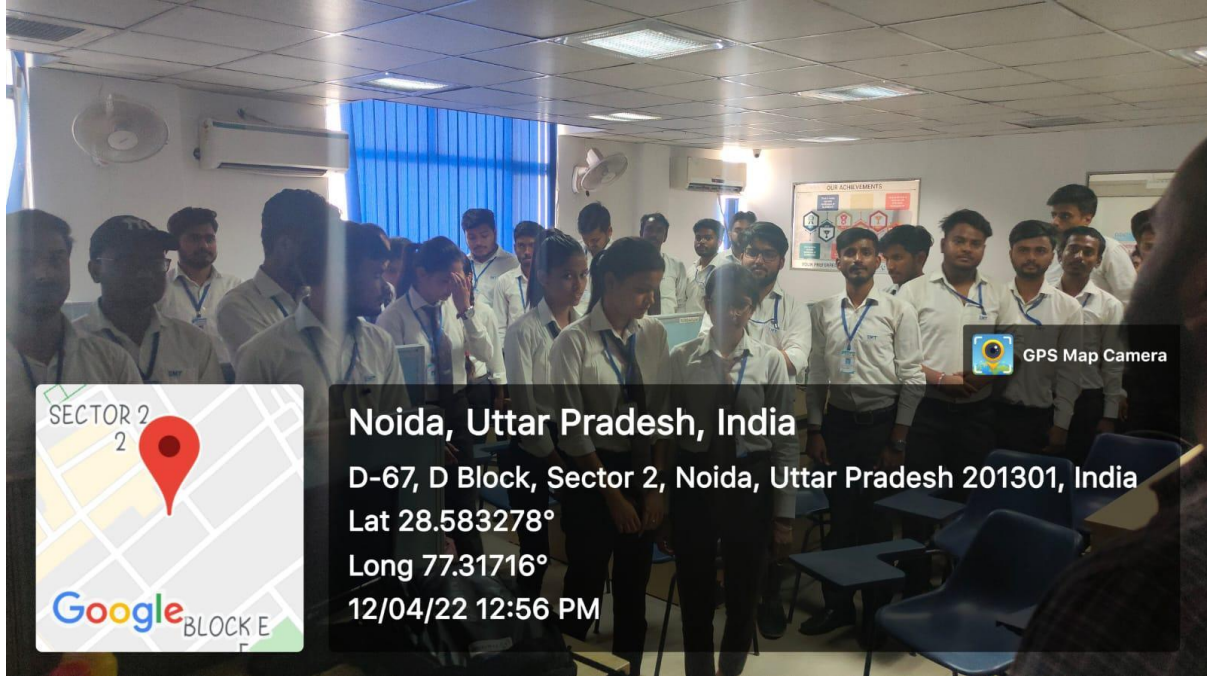
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# IIMT COLLEGE OF ENGINEERING, GREATER NOIDA

Department of Electronics & Communication Engineering

Seminar

on

“Entrepreneurship For Techies”

(Under ED Cell)

(Date: 18<sup>th</sup> March, Time: 11:00am-12:00pm, Dept. of ECE)

Microsoft Team

Dr. Naveen Rathee

(Professor, ECE Deptt)

The Department of ECE organized a Seminar on Entrepreneurship For Techies ”.This activity was organized under ED cell . **Dr. Naveen Rathee Professor ECE deptt** elaborated discussion upon the Entrepreneurship, and what are the opportunities in industry.

Entrepreneurship is about committing oneself 110 per cent to the business proposition that one is offering to the market place. The odds are heavily against an entrepreneur. He/she is often a novice, unconnected, with not much brand value, strapped on resources etc. In this context, the commitment and the burning desire to prevail and succeed is what will carry him/her through in the initial year

With the increasing count of startups in India, the competition to become the best among everyone is increasing. The younger generations are also getting inspired with the successful careers of Entrepreneurs and so the future of Entrepreneurship in India in the coming 5-10 years looks blooming. Also, esteemed B-Schools of India have added ‘Entrepreneurship’ as an elective subject in their curriculum which helps students in understanding the subject in depth and gives them exposure to Entrepreneurship. The startup ecosystem in India is encouraged by the PM of India. His recent visit to Silicon Valley and the interaction with tech giants like Google, Microsoft, Facebook and others shows how much influenced he is with the Entrepreneurship Culture in India and willing to make it even more powerful. Since Indian Government is also supporting Entrepreneurship, we can conclude that India is moving ‘The Entrepreneur Way’.

**Entrepreneurship** is the process of starting a business, typically a startup company offering an innovative product, process or service.” I feel Entrepreneurship is the willingness to develop, to

organize and manage a business venture and most importantly to take risks. While the definition of Entrepreneurship looks simple, its execution is that much difficult. The idea is executed by **Entrepreneurs**, the face of technological and social revolutions in their own way.

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**IIC-ENTREPRENEURSHIP DEVELOPMENT CELL**

ORGANIZING  
Seminar On

# ENTREPRENEURSHIP FOR TECHIES

Mode Online  
Microsoft Teams

**Speaker**  
**Dr. Naveen Rathee**  
Professor  
ECE Department

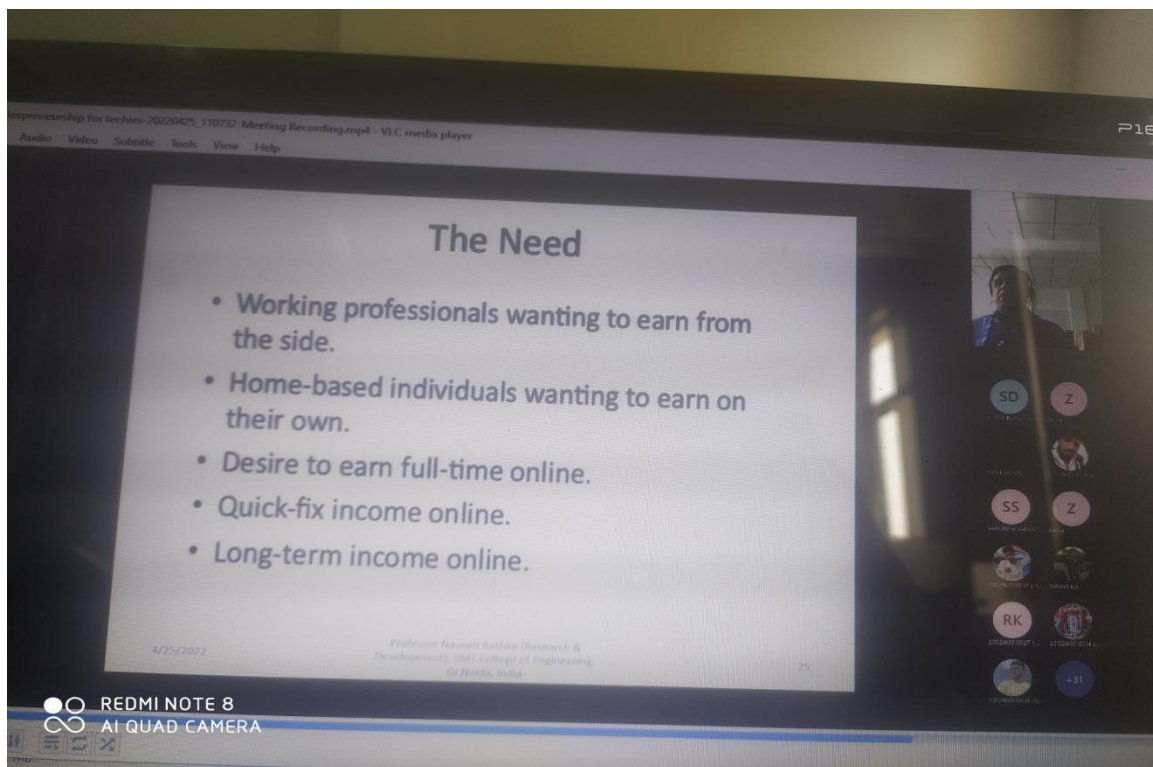
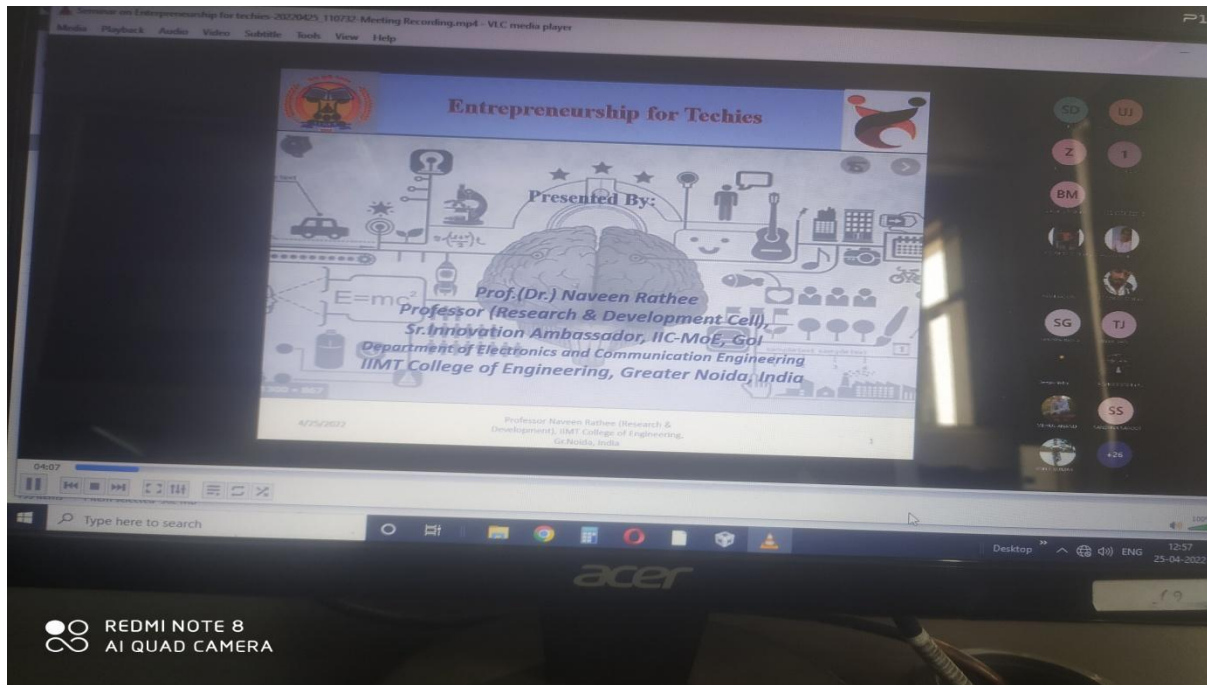
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<b>Dr. S.S. Tyagi</b> Director IIMT College of Engineering	<b>Dr. Sanjay Pachauri</b> IIC, President IIMT College of Engineering
<b>Dr. Subhash Kr. Verma</b> Dean, MBA / IIC, Convener IIMT College of Engineering	<b>Dr. S.K. Gupta</b> Professor / Chairman ED Cell Department of MBA

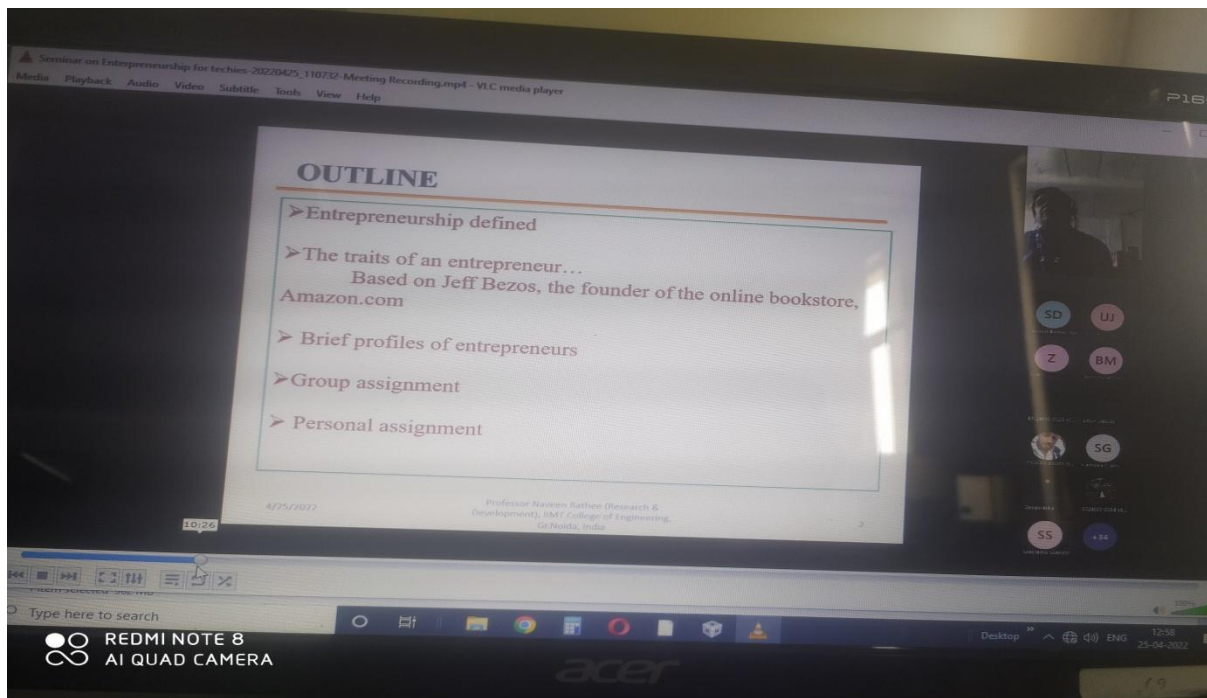
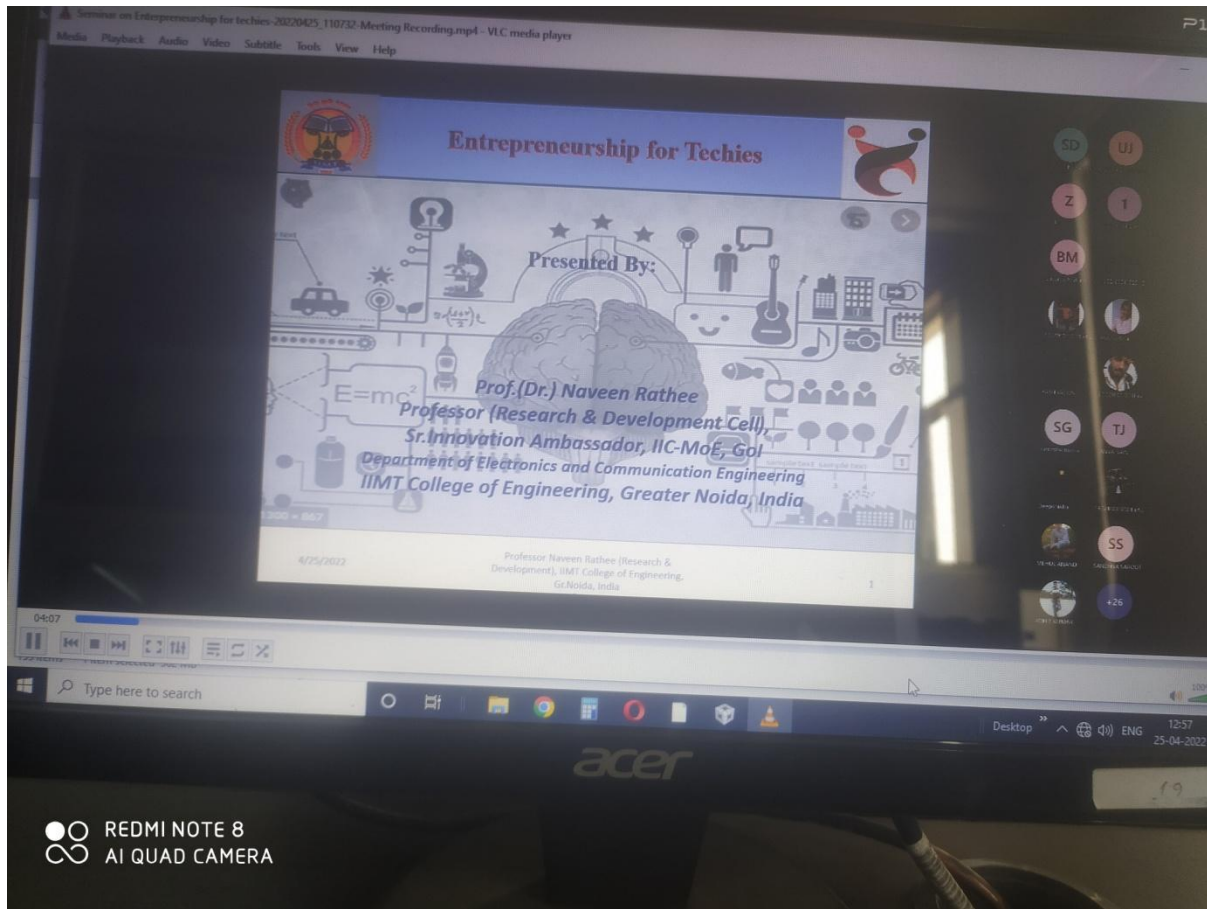
**COORDINATOR**  
**Ms. Zaiba Ishrat**  
Assistant Professor  
Department of ECE  
**Dr. Seema Nayak**  
Professor & Head  
Department of ECE

**Date: 18<sup>th</sup> March, 2022 | Time: 11:00 AM to 12:00 PM**

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# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

**Department of Electronics & Communication Engineering**

**Seminar**

**on**

**“Entrepreneurship for Techies”**

**(Under ED Cell)**

**(Date: 18<sup>th</sup> March 2022 11:00 PM-12:00 PM)**

## **Profile Of Speaker**

**Name: Dr. Naveen Rathee**

**Contact No.: 7995358335**

**Email: dean.sbit@gmail.com**

He is B.E(E&T) in 1991 M.Tech(ECE),2007 and completed PhD(System Design)2013.His field of Interest: Agriculture system, Embedded System Design, IOT, AI, Health care devices etc He have the 10 years plus worked experience with ABB in Project Department and completed 7 Turnkey projects on Bottling Plant, Power Cable 132kv Manufacturing units.

He completed their projects in Germany, France, Norway, SaudiArabia , Hungary.

He also Got training on Installation and Project Management from SIPA, Italy.

He published 10 Patents (3Australiant Granted+ 7 Indian Patent Published).

He completed project of 18 lacs with BEL and DRDL Hyderabad, AICTE, Delhi.

He also has very good teaching experience of 14 years.

He secured first position in AICTE ChatraVishwakarma Award in 2018 at SWR, runner up in SIH 2019.He is runner up in Texas Innovation Challenge at IISC Bangalore in Self Driving Cars



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# Swalakshya 2022

13<sup>th</sup> & 14<sup>th</sup> April, 2022  
 Competitions of Swalakshya



### EUPHONY

- War of Bands
- Nukkad Natak
- Photoutsav
- Skit
- Solo Singing
- Solo Dance
- Group Dance



### SPORTS

- Volley Ball
- Badminton
- Shot put
- Tug Of War
- Basket Ball
- Table Tennis
- Kabaddi
- Long & High Jump



### TECHNICAL

- CAD/CAM Design
- Wi-fi Idea
- Free Fire
- Bridge Making
- Counter Strike
- Kaun Banega Virtual Crorepati (KBVC)
- Battle Ground Mobile India (BGMI)



### LITERARY

- Kavya Path
- Extempore
- Essay Writing English
- Essay Writing Hindi
- Debate
- Online G.K Quiz



### ARTISTIC

- Face Painting
- Rangoli
- Poster Making
- Sketching
- Mehandi
- Salad Designing
- Coin/Stamp Special Collection

Registration link : <https://www.iimtindia.net/swalakshya.php>

CONVENER

Mr. Umesh Kumar | [swalakshya\\_gn@iimtindia.net](mailto:swalakshya_gn@iimtindia.net) | 7302254554

Cash Prize for winners

Contact for more information

☎ 0120-2475000, 7302254551

e-certificate for Participants



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Venue  
 Knowledge Park-III, Plot No. 19 & 20  
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SCAN FOR PAYMENT



## **BATTELGROUNDS MOBILE INDIA (BGMI)**

**Registration Fees:- Rs 50 Per Participant**

### **Rules:-**

- ❖ Participants with Android Phones Are only Allowed
- ❖ Participants can Register as Solo, Duo or as Squad
- ❖ Participants must Carry their id card with Registration slip.

### **Rewards:-**

- ❖ Rs. 10 per kill
- ❖ Cash Rewards for winners (According to entries).
- ❖ E-certificates for every participant.

### **Faculty Coordinator:**

**DR GOPAL KRISHAN (9416172219)**

### **Student Coordinators :**

1. KARANKUMAR GIRI (8130097347)
2. ALOK GOND (7388621085)
3. CHANDANKUMAR (6207292189)
4. ABHISEK SINGH (7380405668)

**CONVENER** Mr. Umesh Kumar | [swalakshya\\_gn@iimtindia.net](mailto:swalakshya_gn@iimtindia.net) | 7302254554

Cash Prize for winners

Contact for more information  
**0120-2475000, 7302254551**

e-certificate for Participants

SCAN FOR REGISTRATION

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# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

## **Department of Electronics & Communication Engineering**

### **Activity**

**on**

**“BGMI”**

**(Under Swalakshya Annual Fest)**

**(Date: 13<sup>th</sup> April 2022 10:00 am onwards)**

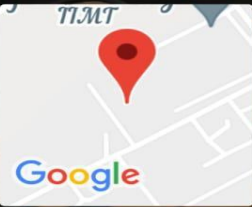
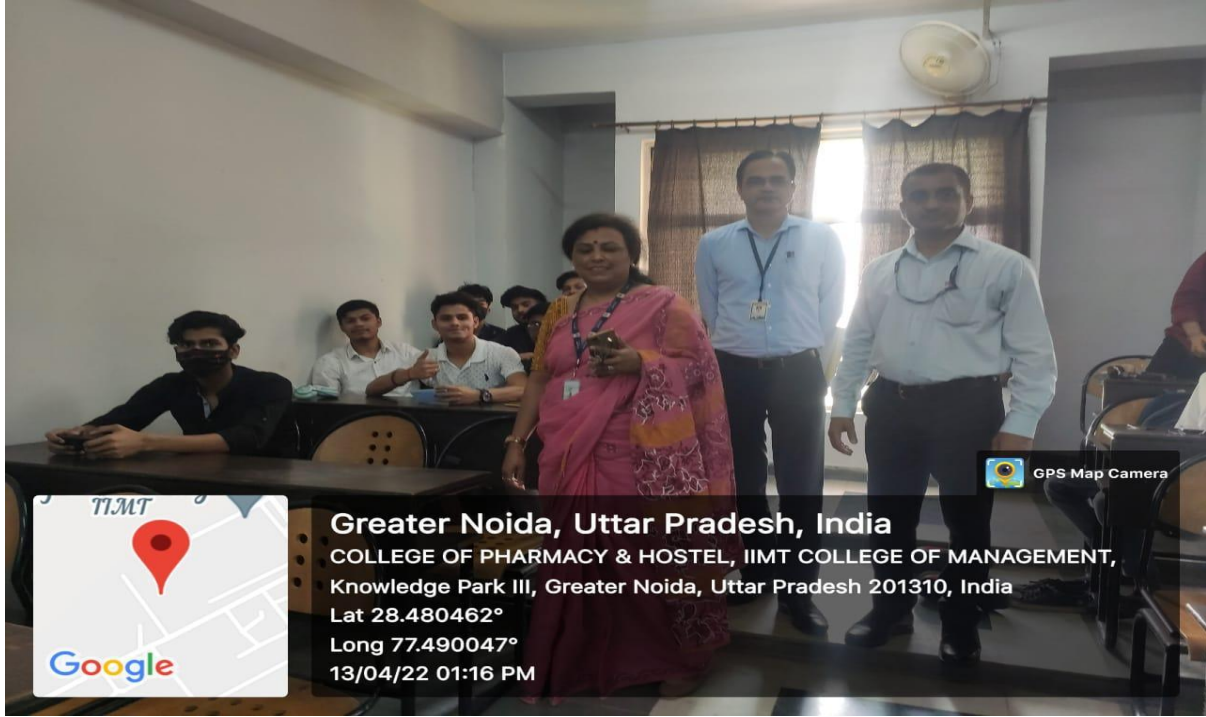
Battle ground's mobile India or popularly known as BGMI has a huge player base in India. But the developers of BGMI have launched another battle royale game called the PUBG new state on 11th November and as a result, lots of players started playing the PUBG new state and this game became one of the most downloaded games in the world. But still, the player base of BGMI has been intact and players of Battleground's mobile India will likely be playing BGMI for the near future.

But what is the reasons behind players are still preferring BGMI over the newly launched PUBG new state? Here are the top 5 reasons behind the intact user base of Battleground's mobile India.

When it comes to the Indian mobile gaming community the battleground's mobile India e-sport scenario is ever-growing they were growing and one of the biggest. With the launch of Battleground's mobile India in July, there have been many unofficial tournaments already being played among the gaming community. But the BGIS 2021 is the biggest of all. The PUBG new state is the newest game in the battle royale category. That's why this game is relatively in its early stage and they still have time for the budding Esports scene.

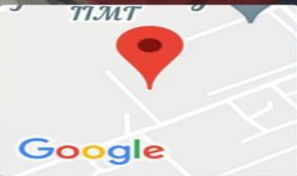
More than 10 teams took participate in this game and winner got the cash prize for this event.





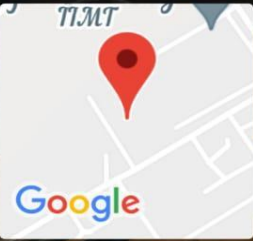
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COLLEGE OF PHARMACY & HOSTEL, IIMT COLLEGE OF MANAGEMENT,  
Knowledge Park III, Greater Noida, Uttar Pradesh 201310, India  
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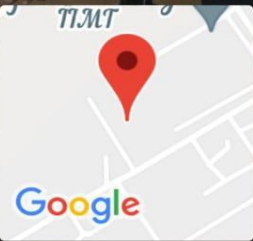
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आईआईएमटी कॉलेज में स्वलक्ष्य-2022 का समापन

# छात्र-छात्राओं ने दिखाई प्रतिभा

भास्कर ब्यूरो

ग्रेटर नोएडा। नॉलेज पार्क स्थित-3 स्थित आईआईएमटी ग्रुप ऑफ कॉलेज में दो दिन चले कार्यक्रम स्वलक्ष्य-2022 का समापन बड़ी धूम-धाम से हुआ। इस सांस्कृतिक समारोह में अनेक प्रकार की प्रतियोगिताओं का भी आयोजन किया गया, जिसमें में दिल्ली-एनसीआर के कई कॉलेज और विश्वविद्यालय के छात्र एवं छात्राओं ने हिस्सा लिया। वार ऑफ बैड, नुक्कड़ नाटक, फोटो उत्सव, स्किट, सोलो सिंगिंग, सोलो डांस, ग्रुप डांस, वॉलीबॉल, बैडमिंटन, शॉट पुट, टग ऑफ वार, बॉस्केटबॉल, टेबल टेनिस, कबड्डी, लॉन्ग जंप, हाई जंप, कैड कैम, डिजाइन, वाईफाई, फ्री फायर, ब्रिज मेकिंग, काउंटर स्ट्राइक, कौन बनेगा वर्चुअल करोड़पति, बैटलग्राउंड, मोबाइल, इंडिया काव्य पाठ, इंग्लिश हिंदी डिबेट, ऑनलाइन जीके क्विज, फेस पेंटिंग, रंगोली पोस्टर, मेकिंग स्केचिंग, मेहंदी, सलाद, स्पेशल कलेक्शन विजेताओं को केस प्राइस और जिन छात्र-छात्राओं ने कंपटीशन में भाग लिया उनको ई सर्टिफिकेट भी दिया गया। दो दिन चले इस महोत्सव में करीब 50 इवेंट का आयोजन

किया गया। इस अवसर मॉडलिंग और ऑटोकैड रंगारंग सांस्कृतिक कार्यक्रम आकर्षण का केंद्र बिंदु रहे। बॉस्केटबाल में दर्शको का रोमांच चरम पर था। टेबल टेनिस में भी छात्र-छात्राओं ने खेल से दर्शको का दिल जीता। फोटो उत्सव में भी कई कॉलेजों के छात्र और छात्राओं ने फोटो उत्सव से सभी लोगों को प्रभावित किया।

इसके अलावा डांस में छात्र छात्राओं ने नये दौर के गानों पर परफॉर्म किया। दूसरे दिन मुख्य अतिथि के रूप में दादरी विधायक तेजपाल नागर ने सभी विजेताओं को सम्मानित किया। इस दौरान उन्होंने कहा कि इस प्रकार के कार्यक्रम कॉलेजों में होने चाहिए इससे छात्रों में जीतने की ललक पैदा होती है, साथ ही छात्रों को एक दूसरे से मिलने का मौका मिलता है जिससे वह अपने विचार आदान-प्रदान कर सकते हैं। इस मौके पर कॉलेज समूह के प्रबंध निदेशक डॉ. मयंक अग्रवाल ने भी अपने विचार रखे। उन्होंने कहा कि आज का दौर कंपटीशन का है। यह देखकर खुशी होती है कि छात्र अपने करियर के प्रति सचेत हैं। आज का छात्र हर क्षेत्र में आगे रहना चाहता है चाहे वह खेल हो या शिक्षा।



# स्वलक्ष्य में छात्र और छात्राओं ने दिखाई प्रतिभा

दादरी विधायक ने प्रतिभागी विद्यार्थियों को किया सम्मानित

ग्रेटर नोएडा, 14 अप्रैल (देशबन्धु)। आईआईएमटी ग्रुप ऑफ कॉलेज में दो दिन चले कार्यक्रम स्वलक्ष्य-2022 का समापन बड़ी धूम-धाम से हुआ। इस सांस्कृतिक समारोह में अनेक प्रकार की प्रतियोगिताओं का भी आयोजन किया गया, जिसमें दिल्ली-एनसीआर के कई कॉलेज और विश्वविद्यालय के छात्र एवं छात्राओं ने हिस्सा लिया। दो दिन चले इस महोत्सव में करीब 50 कार्यक्रम का आयोजन किया गया। इस अवसर मॉडलिंग और ऑटोकैड रंगारंग सांस्कृतिक कार्यक्रम आकर्षण का केंद्र बिंदु रहे। दूसरे दिन मुख्य अतिथि के रूप में दादरी विधायक तेजपाल नागर ने सभी विजेताओं को सम्मानित किया। इस दौरान उन्होंने कहा कि इस प्रकार के कार्यक्रम कॉलेजों में होने चाहिए इससे छात्रों में जीतने की ललक पैदा होती है, साथ ही छात्रों को एक दूसरे से मिलने का मौका मिलता है जिससे वह अपने विचार आदान-प्रदान कर सकते हैं। इस मौके पर



कॉलेज समूह के प्रबंध निदेशक डॉ. मयंक अग्रवाल ने भी अपने विचार रखे। उन्होंने कहा कि आज का दौर प्रतियोगिता का है। यह देखकर खुशी होती है कि छात्र अपने करियर के प्रति सचेत हैं। आज का छात्र हर क्षेत्र में आगे रहना चाहता है चाहे वह खेल हो या शिक्षा। दो दिन चले स्वलक्ष्य समारोह में कॉलेज के सभी डॉयरेक्टर, डीन, एचओडी सहित सभी शिक्षकों ने महत्वपूर्ण भूमिका निभाई।

आइआईएमटी ग्रुप ऑफ कॉलेज में दो दिन चले कार्यक्रम स्वलक्ष्य-2022 का समापन बड़ी धूम-धाम से हुआ।

कॉलेज समूह के प्रबंध निदेशक डॉ. मयंक अग्रवाल ने भी अपने विचार रखे। उन्होंने कहा कि आज का दौर प्रतियोगिता का है।

## आईआईएमटी कॉलेज में स्वलक्ष्य-2022 का समापन, छात्र और छात्राओं ने दिखाई प्रतिभा

नोएडा, एनसी

ग्रेटर नोएडा के आईएमटी ग्रुप ऑफ कॉलेज में दो दिन चले कार्यक्रम स्वलक्ष्य-2022 का समापन बड़ी धूम-धाम से हुआ। इस सांस्कृतिक समारोह में अनेक प्रकार की प्रतियोगिताओं का भी आयोजन किया गया, जिसमें दिल्ली-एनसीआर के कई कॉलेज और विश्वविद्यालय के छात्र एवं छात्राओं ने हिस्सा लिया। इस अवसर मॉडलिंग और ऑटोकैड रंगारंग सांस्कृतिक कार्यक्रम आकर्षण का केंद्र बिंदु रहे। दूसरे दिन मुख्य अतिथि के रूप में दादरी विधायक तेजपाल नागर ने सभी विजेताओं को सम्मानित किया। इस दौरान उन्होंने कहा कि इस प्रकार के कार्यक्रम कॉलेजों में होने चाहिए इससे छात्रों में जीतने की ललक पैदा होती है, साथ ही छात्रों को एक दूसरे से मिलने का मौका मिलता है जिससे वह अपने विचार आदान-प्रदान कर सकते हैं। इस मौके पर



कॉलेज समूह के प्रबंध निदेशक डॉ. मयंक अग्रवाल ने भी अपने विचार रखे। उन्होंने कहा कि आज का दौर प्रतियोगिता का है। यह देखकर खुशी होती है कि छात्र अपने करियर के प्रति सचेत हैं। आज का छात्र

हर क्षेत्र में आगे रहना चाहता है चाहे वह खेल हो या शिक्षा। दो दिन चले स्वलक्ष्य समारोह में कॉलेज के सभी डॉयरेक्टर, डीन, एचओडी सहित सभी शिक्षकों ने महत्वपूर्ण भूमिका निभाई।

कॉलेज के सभी डॉयरेक्टर, डीन, एचओडी सहित सभी शिक्षकों ने महत्वपूर्ण भूमिका निभाई।

कॉलेज के सभी डॉयरेक्टर, डीन, एचओडी सहित सभी शिक्षकों ने महत्वपूर्ण भूमिका निभाई।

कॉलेज के सभी डॉयरेक्टर, डीन, एचओडी सहित सभी शिक्षकों ने महत्वपूर्ण भूमिका निभाई।

# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

## **Department of Electronics & Communication Engineering**

### **International conference**

**on**

### **International Conference on Communication, Computing and Industrial Engineering (ICCCIE-2022)**

**(Date: 26<sup>th</sup> April 2022 – 27<sup>th</sup> April 2022 10:00 am onwards)**

Department of Electronics and Communication Engineering and department of Computer Science Engineering, IIMT College of Engineering, Greater Noida conducted two days International Conference on “Communication, Computing and Industrial Engineering (ICCCIE-2022)”.

In Two days 26<sup>th</sup> & 27<sup>th</sup> April 2022, as per valedictory speech report from Conference coordinator, 80 Researchers and Faculties were presented their papers out of Selected 95 papers. More than 200 research papers from reputed institutions and organizations have submitted their papers. From that 56 Papers Presented by Final year Students on various Researches done under guidance of IIMT, Electronics & Communication Engineering Department and Computer Science Engineering Department faculties and all 56 students Honored with certificate in valedictory function.

The conference programme was very rich with 6 Technical sessions. One keynote lectures, by Mr. Fred Haney, President at DYCAT Solutions, Alberta, Canada. He emphasis on the application and future prospective of Industrial Plant Design and construction. He also focus on how Industrial plant design impact on Industrial Engineering.

Another keynote speaker Shri Naveen Jakhar, Assistant Director- General I.T.S ( Indian Telecom Services), Govt. of India, shared his experiences on how COVID-19 Quarantine alert system (CQAS) works. He also explained the model of working CQAS system. How it is different from GPS apps. CQAS is not only works using GPS, but also compatible with Wrist band and CCTV surveillance & face recognition. He also explained the working of CQAS powered oxygen Digital Tracking system.

Dr. Sailesh Iyer, Professor and Dean CSE/IT Department, Rai University, President RU IIC and RU Nodal Officer- GSIRF, Amhedabad was the keynote speaker on day-2. Dr. Iyer emphasis the research opportunity and challenges towards sustainable Ecosystem. He explains the sustainable development goals, Pan India smart solutions for ecosystem. He experiences how the Pan India smart solution changes the day to day life in society of India. He also explains how COVID-19 impacts our daily life. How it destroy our lives and how this smart solution is beneficial for us.

The conference chair and IIMT Director Prof. (Dr.) S.S. Tyagi focus on the latest trends in technologies. IIMT Group of Colleges Director General Prof. (Dr.) M.K. Soni shared his experiences about the market trends on technology and research and how this conference helps the researchers, faculties and students.

The aim of the conference is to interact with different faculties, researchers and students, to exchange their thoughts and technical expertise & experience.

The participants from different organization had healthy interactive sessions with all speakers and researchers.

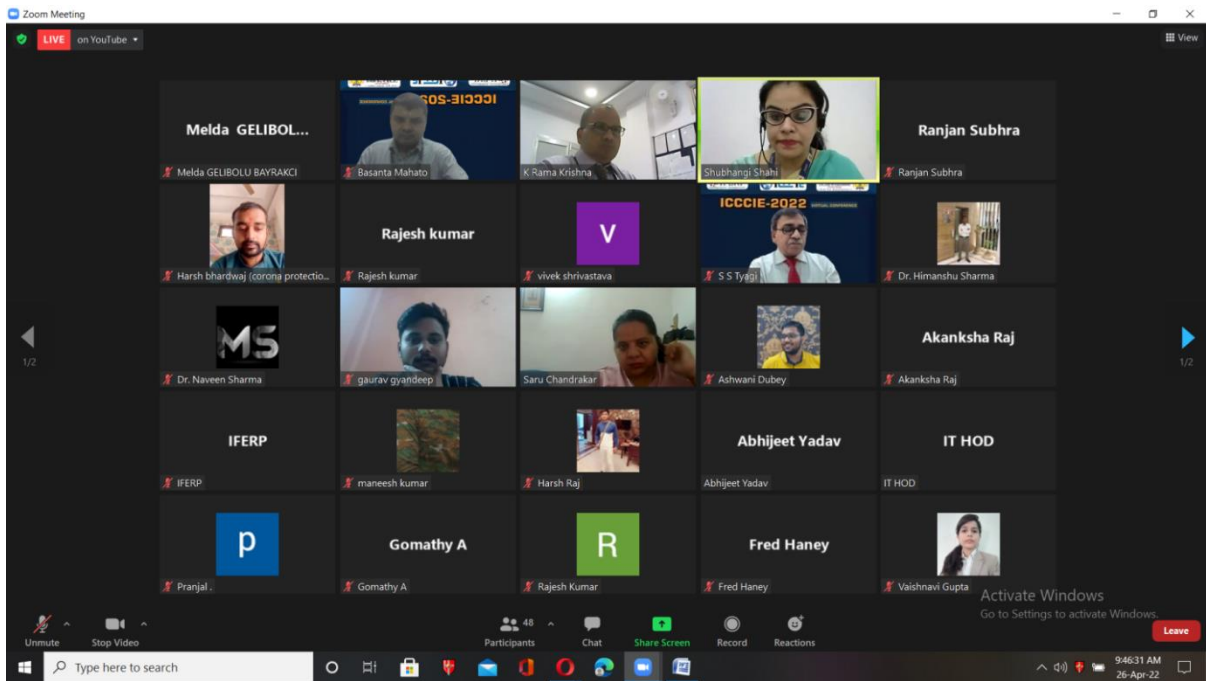
The conference convener & HOD ECE Prof. (Dr.) Seema Nayak also spoke about the involvement of emerging technologies in Electronic & communication Engineering.

Conference convener & HOD CSE Prof. (Dr.) Rama Krishna also spoke about the scope of this international conference and how the faculties, researchers and students get benefited from it.

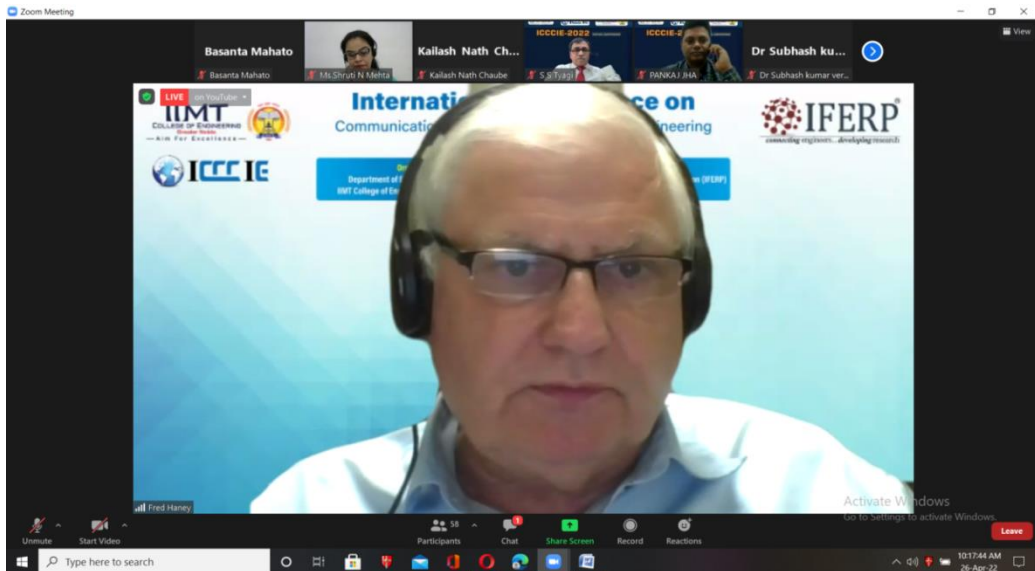
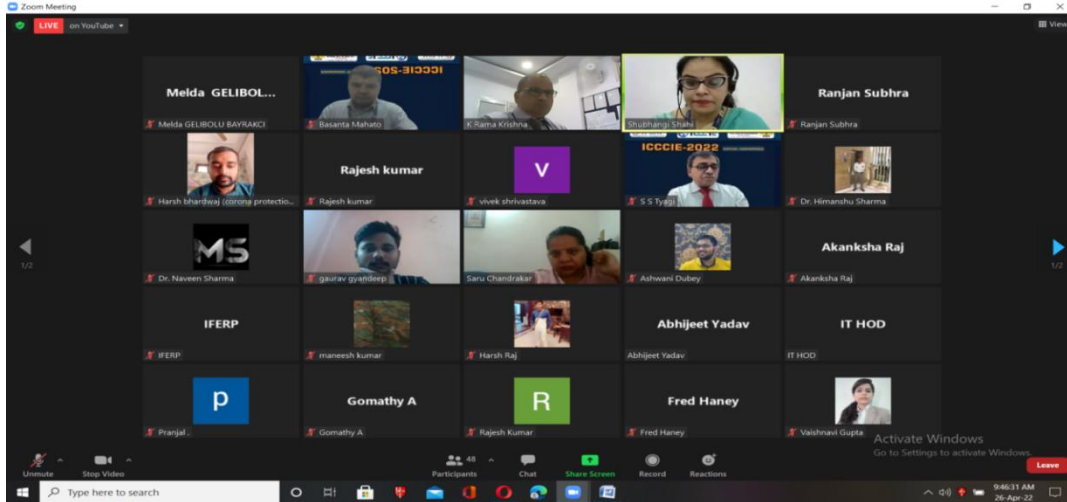
This international Conference was organized by ECE & CSE , NBA accredited, IIMT College of Engineering in association with Institute for Engineering Research and Publication (IFERP).

The image is a collage of promotional materials for the ICCIE 2022 conference. It features the following elements:

- Logos:** IFERP (Institute for Engineering Research and Publication), IIMT (IIMT Group of Colleges), and ICCIE (International Conference on Communication, Computing and Industrial Engineering).
- Main Conference Banner:** ICCIE 2022, 26<sup>th</sup> & 27<sup>th</sup> April, 2022. International Conference on Communication, Computing and Industrial Engineering VIRTUAL CONFERENCE.
- Organized By:** Department of ECE & CSE, NBA Accredited.
- Upcoming Conferences:** ICACCT'22 and ICSTEM-22.
- Technoarete Group:** Integrating Researchers to Incubate Innovation.
- SUPPORTED BY:** A banner indicating support from various organizations.







## आईआईएमटी कॉलेज ऑफ इंजीनियरिंग में दो दिवसीय ऑन लाइन अंतरराष्ट्रीय सम्मेलन

### » नोएडा, एनईसी

ग्रेटर नोएडा शहर में स्थित आईआईएमटी कॉलेज ऑफ इंजीनियरिंग में दो दिवसीय ऑन लाइन अंतरराष्ट्रीय सम्मेलन का आयोजन किया गया। मुख्य अतिथि के रूप में कनाडा की कंपनी डेफेट सल्यूशन के अध्यक्ष फ्रेड हैनी ने भाग लिया। इस दौरान उन्होंने बताया कि किस प्रकार से औद्योगिक संयंत्र डिजाइन और निर्माण के क्षेत्र में कैसे काम किया जाता है। इस दौरान उन्होंने यह भी बताया कि औद्योगिक संयंत्र डिजाइन औद्योगिक इंजीनियरिंग पर कैसे प्रभाव डालता है। दो दिन चले इस वर्चुअल कार्यक्रम में सात देशों के शोधकर्ताओं ने भाग लिया जिन्होंने 200 से अधिक शोधपत्र प्रस्तुत किए। वहीं आईआईएमटी कॉलेज ऑफ इंजीनियरिंग के इलेक्ट्रॉनिक्स और कंप्यूटर साइंस विभाग के छात्रों द्वारा प्रस्तुत 58 पत्र पेश किए



और सभी 58 छात्रों को समापन समारोह में प्रमाण पत्र के साथ सम्मानित भी किया गया। कार्यक्रम में दूसरे वक्ता एक भारतीय दूरसंचार सेवा के सहायक महानिदेशक नवीन जाखड़ भारत सरकार के

कोविड-19 खवारंटाइन अलर सिस्टम के बारे में बताया कि यह कैसे काम करता है। दूसरी तरफ आईआईएमटी कॉलेज समूह ने महानिदेशक डॉ. एम.के. सोनी ने प्रौद्योगिकी और अनुसंधान पर बाजार के रुझानों के बारे में अपने अनुभव साझा किए, साथ ही आईआईएमटी कॉलेज ऑफ इंजीनियरिंग के डॉयरेक्टर डॉ. एस एस. त्यागी ने भी कार्यक्रम में अपने विचार सभी के सामने रखे। यह अंतरराष्ट्रीय सम्मेलन ईसीई और सीएसई, एनबीए से मान्यता प्राप्त आईआईएमटी कॉलेज ऑफ इंजीनियरिंग द्वारा इंजीनियरिंग अनुसंधान और प्रकाशन संस्था (आईएफआईआई 2022 कॉन्फ्रेंस) को आयोजित किया गया। इस मौके पर एचओडी ईसीई की डॉ. सीमा नायक और एचओडी सीएसई डॉ. राम कुण्ड ने इस अंतरराष्ट्रीय सम्मेलन में अपने विचार रखे।



# ICCCIE-2022 VIRTUAL CONFERENCE

## INTERNATIONAL CONFERENCE ON COMMUNICATION, COMPUTING AND INDUSTRIAL ENGINEERING

26<sup>TH</sup> & 27<sup>TH</sup> APRIL 2022 | GREATER NOIDA ,INDIA



Organized By  
Department of ECE & CSE (NBA Accredited),  
IIMT College of Engineering, Greater Noida, India  
in Association with  
Institute For Engineering Research and Publication (IFERP)



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Advanced Computing



Electronics and  
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### Important Dates

Early Bird Registration Deadline : 04<sup>th</sup> April 2022  
Abstract Submission : 09<sup>th</sup> April 2022  
Full Paper Submission : 14<sup>th</sup> April 2022  
Registration Deadline : 19<sup>th</sup> April 2022



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**MoE IIMT ENGINEERING INNOVATION CELL  
DEPARTMENT OF ECE IS ORGANIZING**

— Session On —

# “NATIONAL TECHNOLOGY DAY”



Microsoft Teams



**Speaker**

**Dr. S. K. Mahajan**  
Retd. Senior Scientist  
CSIR-CEERI  
PILANI

**COORDINATOR**

**Ms. Zaiba Ishrat**  
Assistant Professor  
Department of ECE

**PATRONS**

**Dr. S.S. Tyagi**  
Director  
IIMT College of Engineering

**Dr. Sanjay Pachauri**  
IIC, President  
IIMT College of Engineering

**Dr. Seema Nayak**  
Hod, ECE  
IIMT College of Engineering

**Date: 11<sup>th</sup> May, 2022**  
**Time: 02:00 PM Onwards**



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# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

**Department of Electronics & Communication Engineering**

**Guest Lecture**

**on**

**“National Technology Day”  
Through IIC**

**(Date: 11<sup>th</sup> May 2022 at 2:00 PM onwards)**

**Profile of Guest Speaker**

**Name:** Prof S. K. Mahajan Retired Scientist CEERI Pilani

**Email:** sk\_mahajan123@yahoo.com

**Contact No:** 7428485932

- Mr. S.K. Mahajan have 37yr+ experience (20yr R&D, 4 yr. Industry and 13 yr. of academics).
- He worked as a Scientist in Power Semiconductor Devices & Microelectronics area at CEERI Pilani Rajasthan for around 20 yr.
- He also worked as General Manager –Wafer Fab Division at USHA INDIA LIMITED, Faridabad,
- He also has UNDP Fellowship at University of Waterloo (CANADA) in the field of CAD for power semiconductor during 1986.
- He has more than 23 publications with 15+ product and various patents at CEERI pilani and USHA.
- In academics he worked as a R& D Director, T&P Director and HOD.



# IIMT COLLEGE OF ENGINEERING, GREATER NOIDA

## Department of Electronics & Communication Engineering

### Guest Lecture

on

### “National Technology Day”

### Through IIC

(Date: 11<sup>th</sup> May 2022 at 2:00 PM onwards)

The Department of ECE organized a Guest Lecture on National technology day on 11<sup>th</sup> May 2022 at 2:00pm onwards. This activity was organized under IIC . **Mr. S. K. Mahajan Ex scientist CEERI Pilani** elaborated discussion upon the National Technology day.

He discussed the History of National Technology day that why we are celebrating this day and then discussed about the Semiconductor technologies. He told us about the Future prospects in the field of semiconductor technology and what are the new amendments in government policies related to the semiconductor field.

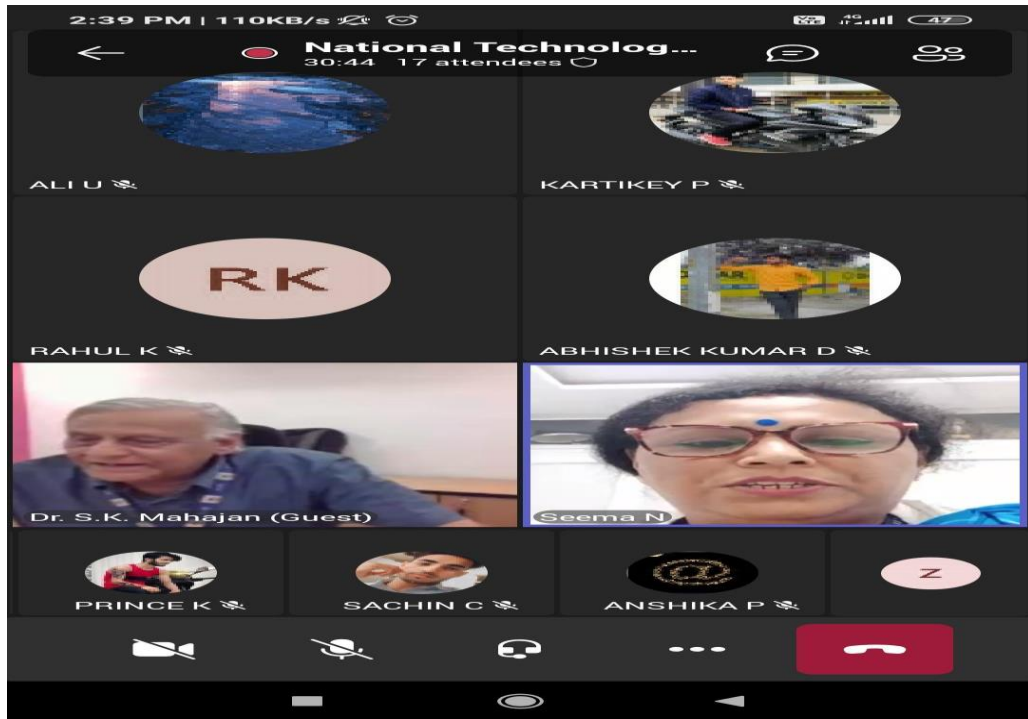
National Technology Day is celebrated on May 11 every year to commemorate the achievements of scientists, researchers, engineers and all others involved in the field of science and technology. It's a day to remind Indians about the technological advancements made by the country.

#### **National Technology Day: History**

As we have seen above that on 11 May 1998 nuclear test was held in Pokhran and based on these tremendous achievements of the scientists, engineers, etc., Atal Bihari Vajpayee declared 11 May as National Technology Day. Since 1999, every year the Technology Development Board (TDB) celebrates the day with various technological innovations that have positively impacted the nation. Also, every year TDB selects a theme and on that basis several events, competitions were held in the country. This day also marks the significance of Science in our day-to-day life.

**Objectives** The major objective of the programme is to generate awareness among the students, academia, general public etc. about the importance of Technology, its utility for the overall development of the country and its benefit for mankind.

Therefore, it is necessary to create interest and awareness about science and technology to the students. No doubt National technology Day is a great way to encourage the youth of the country to come forward and also is the way to appreciate the scientists, researchers for India's growing technology.





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# IIMT COLLEGE OF ENGINEERING, GREATER NOIDA

## Department of Electronics & Communication Engineering

Guest lecture

“Registering Start –Up Under Start –UP India Scheme A Step By Step Process”

(Under IIC)

(Date: 20<sup>th</sup> May, Time: 12:00pm, Dept. of ECE

You Tube

Speaker: Mr. Neeraj Rohilla (CA)

The Department of ECE organized a Guest lecture on “Registering Start –Up Under Start –UP India Scheme A Step By Step Process”. This activity was organized under IIC . **Mr. Neeraj Rohilla (CA)** elaborated discussion upon the Start -up registration ,and what are the opportunities in industry.

any people have ideas, but only a few know how to start a business or transform their concept into a viable venture. However, it is effortless to register a startup in India, and even you can do startup registration after reading this article. Furthermore, some people are unsure whether or not their business qualifies as a startup. As a result, this blog post will assist you in this respect, outlining the criteria for being classified as a startup and the startup registration process for listing your business as one.

In India, startups are getting increasingly popular. The government, led by Prime Minister Narendra Modi, has launched and supported the Startup India initiative and wants to encourage entrepreneurs to generate more employment in the country. The Startup India project aims to create a robust ecosystem that promotes startup growth.

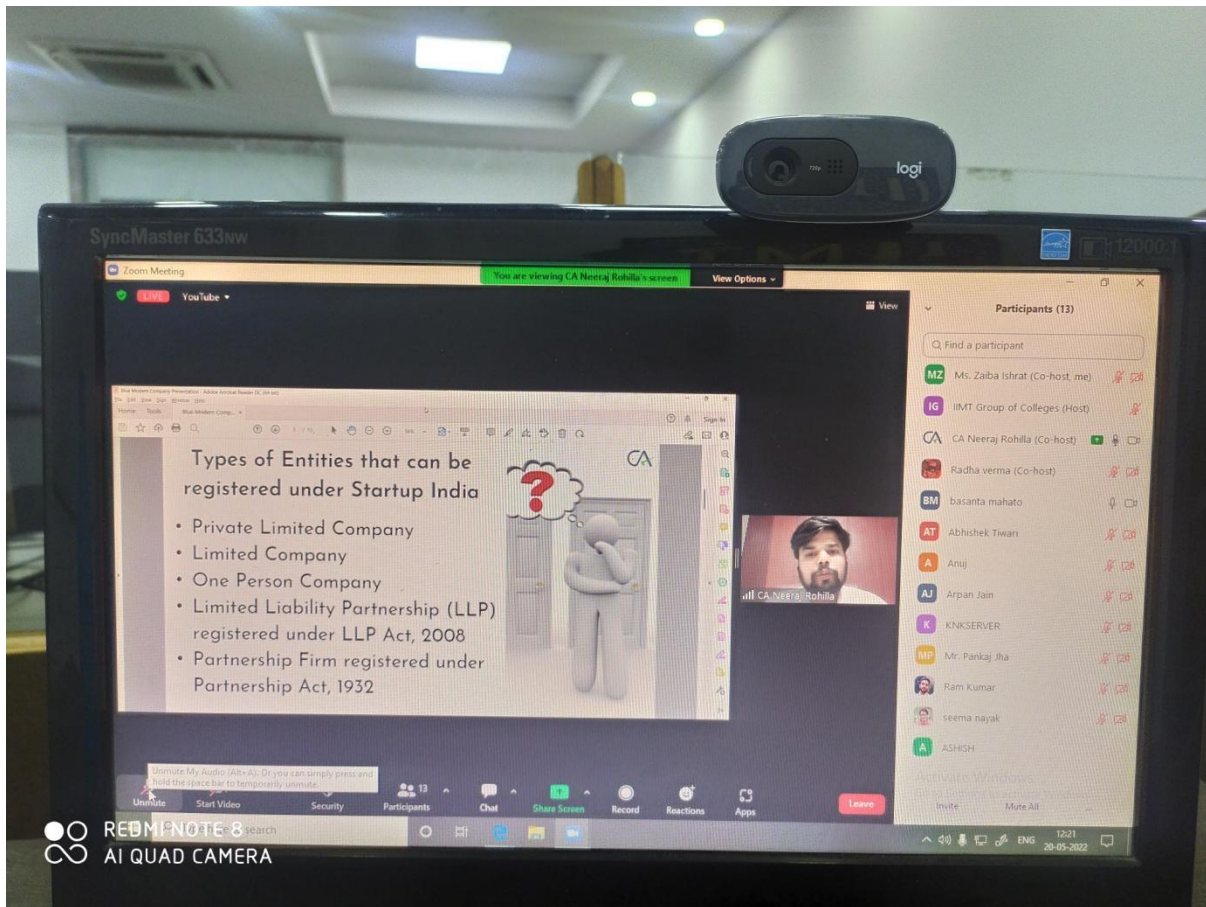
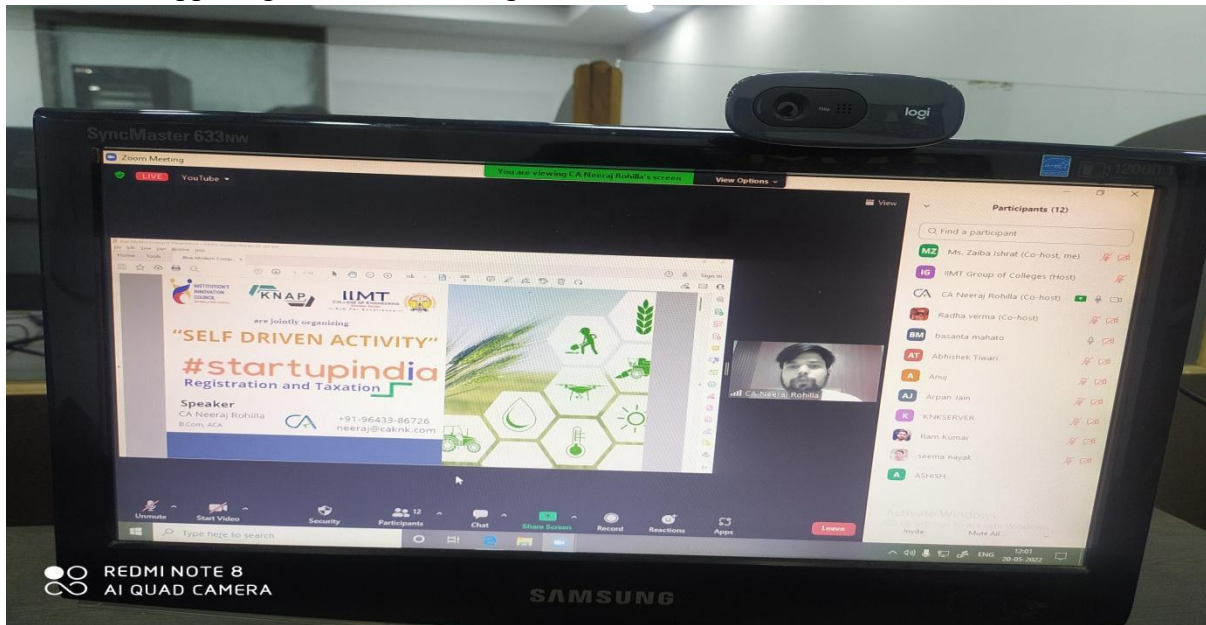
The goal is to enable entrepreneurs to grow by leveraging innovation and technology. Many perks are granted to entrepreneurs who create businesses to foster growth and support the Indian economy. The Startup India initiative provides many opportunities to startups that want to establish their niche in a competitive market.

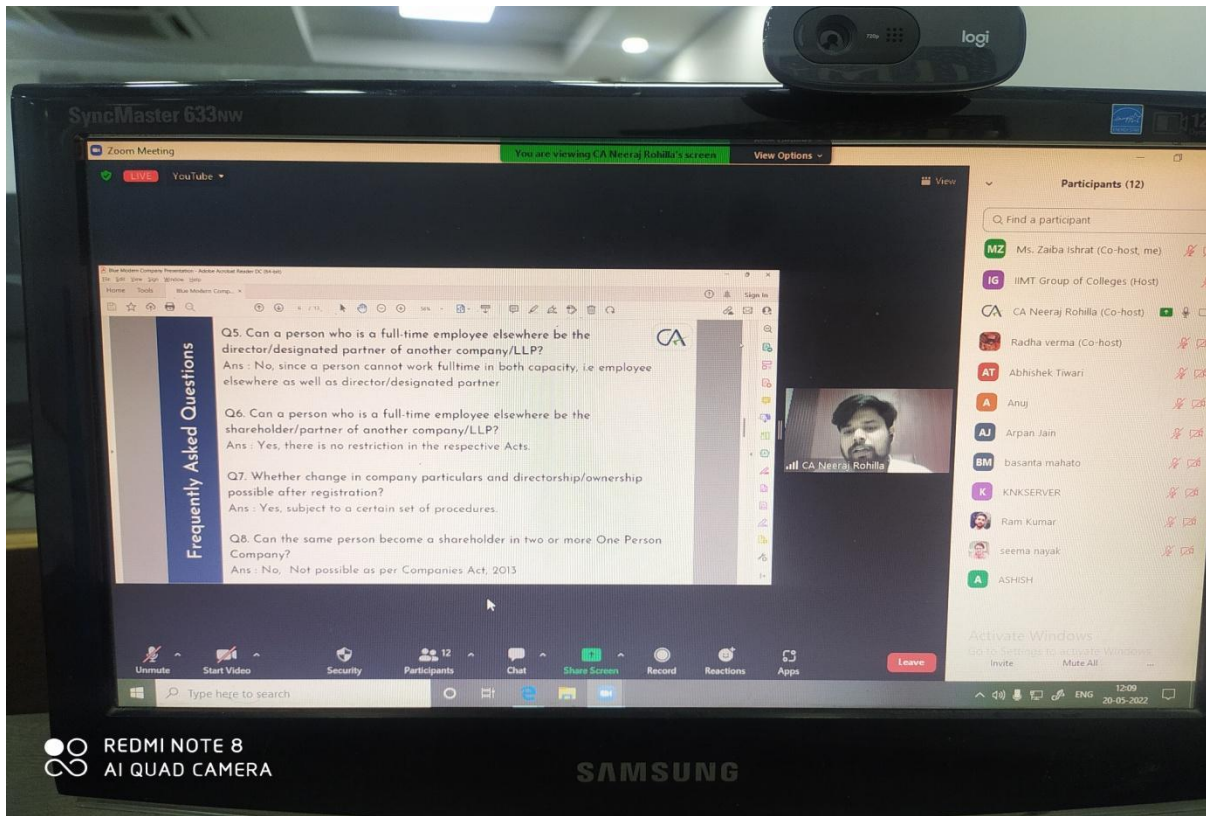
**The following are some of the startup registration benefits the Indian government offers to entrepreneurs and business owners –**

1. Tax Exemption
2. Obtaining a Loan and Bank Account
3. Self-Certification

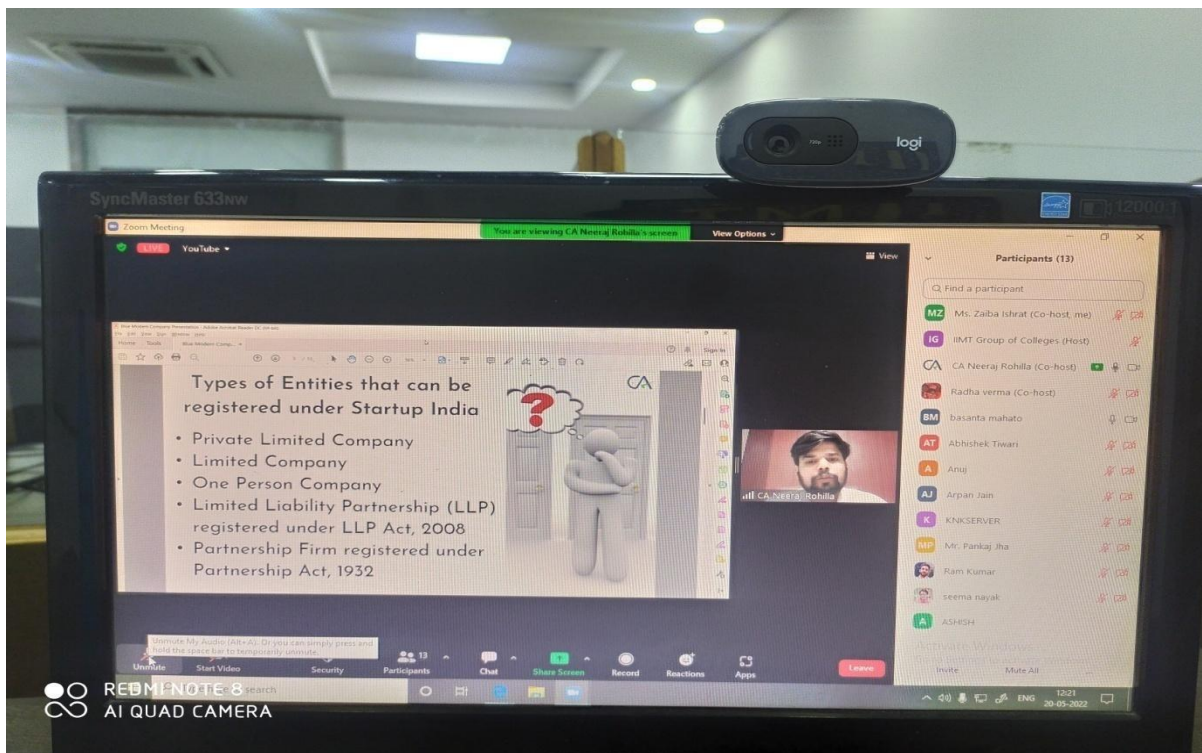


Any startup registration in India has gotten quite simple if we compute it from the beginning to finish. The government has done a lot to strengthen the economy, from startup registration to incubation support, government funding, and tax breaks.





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— Guest Lecture on —

**“REGISTERING START-UP UNDER START-UP INDIA  
SCHEME-A STEP BY STEP PROCESS”**



**Speaker**

**Mr. Neeraj Rohilla**  
CA  
KNAP Advisory Pvt. Ltd.

**Date: 20<sup>th</sup> May, 2022**

**Time: 12:00 Noon to 01:00 PM**

**PATRONS**

**Dr. S.S. Tyagi**  
Director  
IIMT College of Engineering

**Dr. Sanjay Pachauri**  
IIMT-IIC, President  
IIMT College of Engineering

**Dr. Seema Nayak**  
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## CA Neeraj Rohilla K N K & Company

Partner At

K N K & Company  
Chartered Accountants  
New Delhi

Co-founder

KNAP Advisory Pvt. Ltd.  
[www.Knapadvisory.com](http://www.Knapadvisory.com)

### About Me

I am the co-founder of K N K & Company and knapadvisory.com. I am a qualified Chartered Accountant and Associate member of the Institute of Chartered Accountants of India, with over 5 years of industry experience. I also have a Bachelor Degree of Commerce from Indira Gandhi University. Throughout my professional career, I have accumulated extensive knowledge in the fields of Direct-Indirect Taxation, Corporate Taxation, and Startup Registrations. Auditing, assurance, corporate compliance, and litigation are some of my other areas of competence.

### About Firm

We have established long-term relationships with our clients by providing the most cost-effective and highly competent services. We constantly believe in pleasing clients by providing high-quality services that help clients and the firm achieve their goals and objectives. We defined our ideals in terms of excellence, credibility, and dedication to the work.

We are well-known professionals for our abilities to provide clients with unique ideas and efficient tax planning to help them build their company. We have expertise in effectively providing a roadmap and financial strategies to new Indian start-ups and multinational newcomers looking to set up business in India.

Neeraj Rohilla



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# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

**Department of Electronics & Communication Engineering**

**Farewell -2K22**

**(Date: 31<sup>th</sup> May, Time: 12:00pm, Dept. of ECE)**

The Department of ECE organized a Farewell 2K22 on **31 May 2022 at 12 pm** Onwards".This activity was organized by third year student.

A farewell letter is the best means to thank people for the time you spent together. This type of letter is sent to invite the colleagues, managers on the occasion of farewell of an employee when he retires or leaves the organization to join other organizations. Below briefly focus on sample Invitation Letter for Official Farewell Party. The letter must mention the occasion in detail, along with the venue. You can make any change to the below application as per your needs.

all the students were full of energy and they enjoyed a lot. in last a small activity of Mr. farewell and Ms. Farewell was there in which two students selected.



**We Are Inviting You To Join farewell Party**

*ECET Batch  
2022*

TUES | 31 | 2022  
MAY

TIMING-12.00 PM

PLACE - NEW BTECH BUILDING  
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# **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**

## **Department of Electronics & Communication Engineering**

Guest lecture

### **“Accelerators/Incubation-Opportunities for Students & Faculty-Early Stage Entrepreneurs”**

**(Under IIC)**

**(Date: 25<sup>th</sup> June, Time: 2:00pm, Dept. of ECE**

**You Tube**

**Speaker: Dr. Sanjay Pachauri Professor (CSE)**

The Department of ECE organized a Guest lecture on “Registering Start –Up Under Start –UP India Scheme A Step By Step Process”. This activity was organized under IIC . Dr. Sanjay Pachauri elaborated discussion upon the entrepreneurship, and what are the opportunities in industry.

Any people have ideas, but only a few know how to start a business or transform their concept into a viable venture. However, it is effortless to register a startup in India, and even you can do startup registration after reading this article. Furthermore, some people are unsure whether or not their business qualifies as a startup. As a result, this blog post will assist you in this respect, outlining the criteria for being classified as a startup and the startup registration process for listing your business as one.

In India, startups are getting increasingly popular. The government, led by Prime Minister Narendra Modi, has launched and supported the Startup India initiative and wants to encourage entrepreneurs to generate more employment in the country. The Startup India project aims to create a robust ecosystem that promotes startup growth.

#### 5. Learning Outcomes:

Entrepreneurship and Innovation minors will be able to sell themselves and their ideas. Students master oral and visual presentation skills and establish a foundation of confidence in the skills necessary to cause others to act.

Entrepreneurship and Innovation minors will be able to find problems worth solving. Students advance their skills in customer development, customer validation, competitive analysis, and iteration while utilizing design thinking and process tools to evaluate in real-world problems and projects.

Entrepreneurship and Innovation minors will be able to mobilize people and resources. Students identify and secure customers, stakeholders, and team members through networks, primary customer research, and competitive and industry analyses in order to prioritize and pursue an initial target market in real-world projects.

Entrepreneurship and Innovation minors will be able to create value. Students are able to create presentations and business plans that articulate and apply financial, operational, organizational, market, and sales knowledge to identify paths to value creation through 1) company formation (for-profit); 2) social innovation (nonprofit); or 3) intellectual property licensing.

Entrepreneurship and Innovation minors will develop and cultivate endurance. Students increase their awareness and deliberately practice the skills and disciplines necessary to increase confidence and agency; foster self-efficacy and self-advocacy; improve communication and problem-solving skills, manage strong impulses and feelings; and identify personal purpose





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are Jointly Organizing

— **Session on** —

## **“ACCELERATORS/INCUBATION - OPPORTUNITIES FOR STUDENTS & FACULTIES - EARLY STAGE ENTREPRENEURS”**



**Speaker**

**Dr. Sanjay Pachauri**

Professor CSE

IIMT College of Engineering

**Date: 25<sup>th</sup> June, 2022  
Time: 02:00 PM Onwards**

### **PATRONS**

**Dr. S.S. Tyagi**

Director

IIMT College of Engineering

**Dr. Seema Nayak**

HOD

Department of ECE



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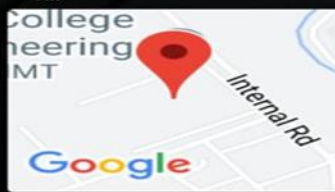
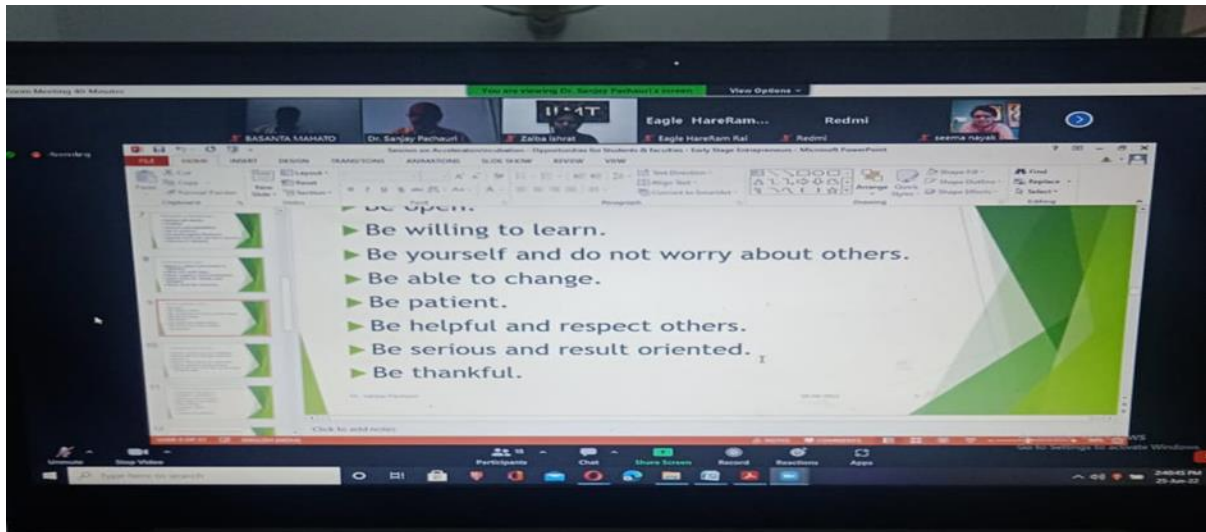
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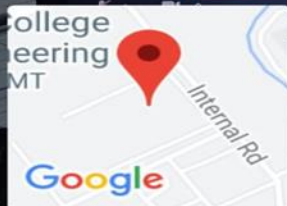
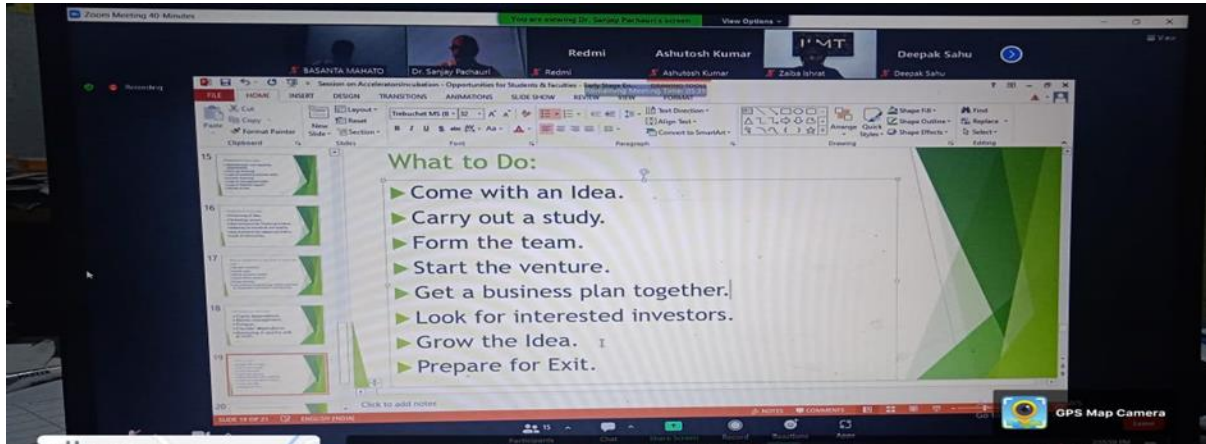
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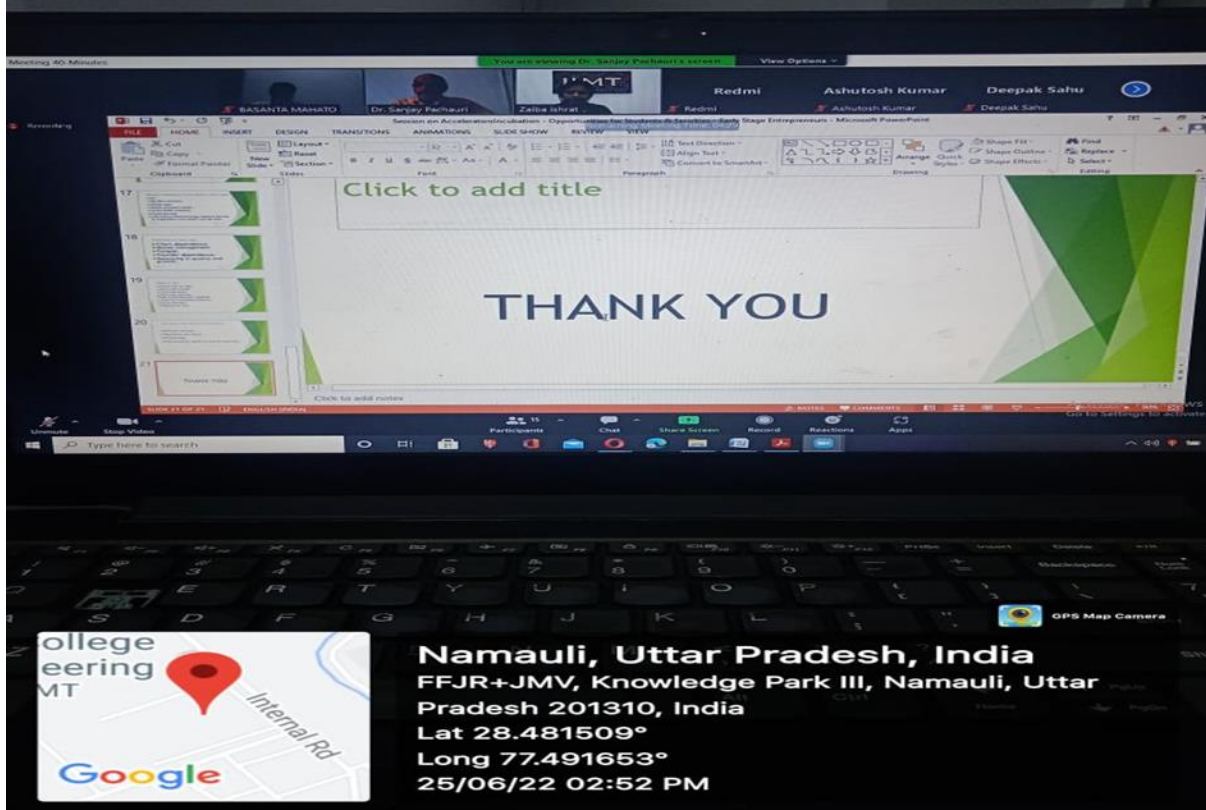
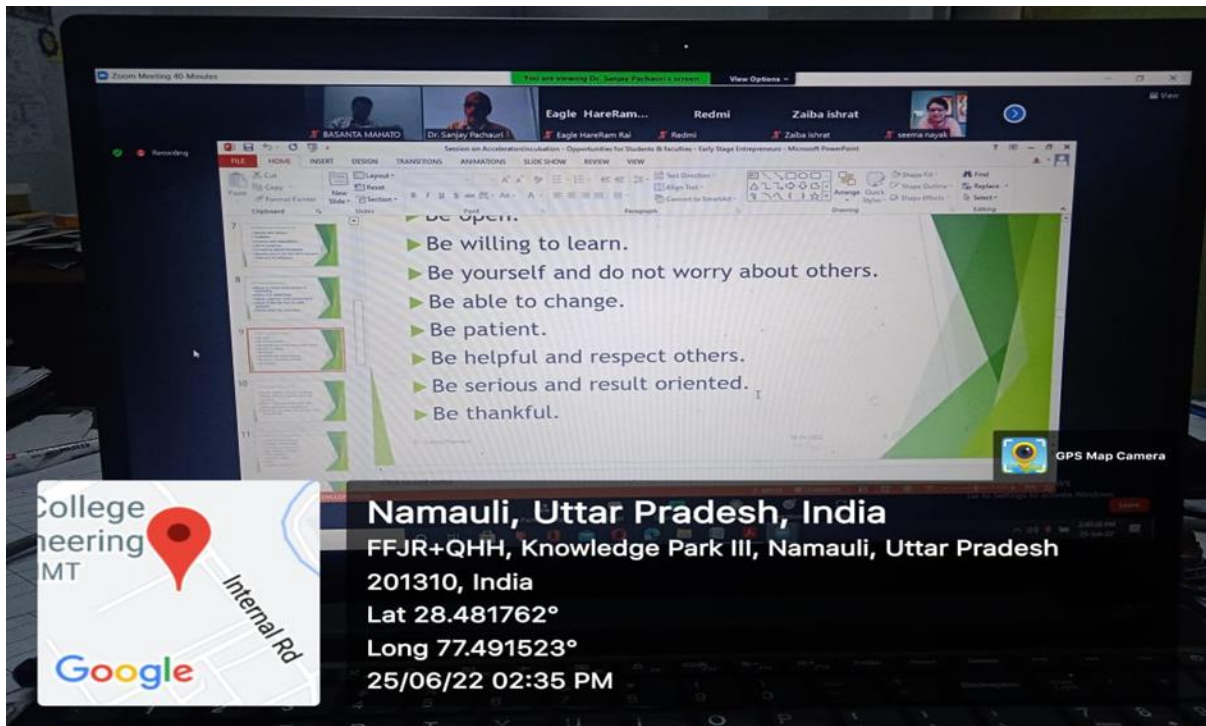




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