

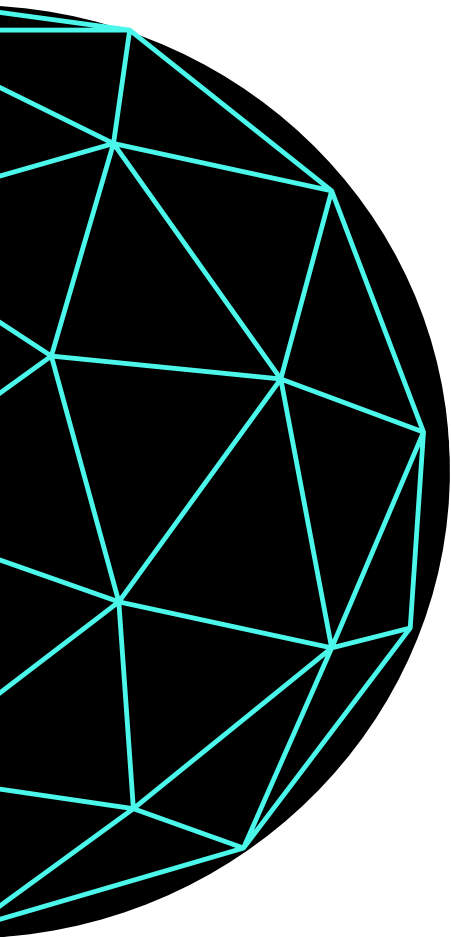


DR. AKHILESH DAS GUPTA INSTITUTE OF  
TECHNOLOGY & MANAGEMENT



# ECE-TELLER

QUARTERLY TELLER



MAY 2022- AUGUST 2022



## ***VISION***

*To produce World class Electronics & Communication Engineers through academic excellence and innovations, who would be competent Technocrats with work ethics to meet the needs of the society.*

## ***MISSION***

*M1. To impart quality education for excelling in the field of Electronics & Communication Engineering to face real world challenges in existing and emerging domains.*

*M2. To provide a creative platform for promotion of innovations in the field of Electronics & Communication Engineering by keeping close proximity to industry.*

*M3. To provide conducive environment for development of work ethics and prepare socially responsible citizens.*

## ***PEOs of ECE Department***

*PEO1: Graduates shall excel in the field of electronics and communication engineering by applying their acquired knowledge and skills to develop feasible and viable solutions to engineering challenges of the country.*

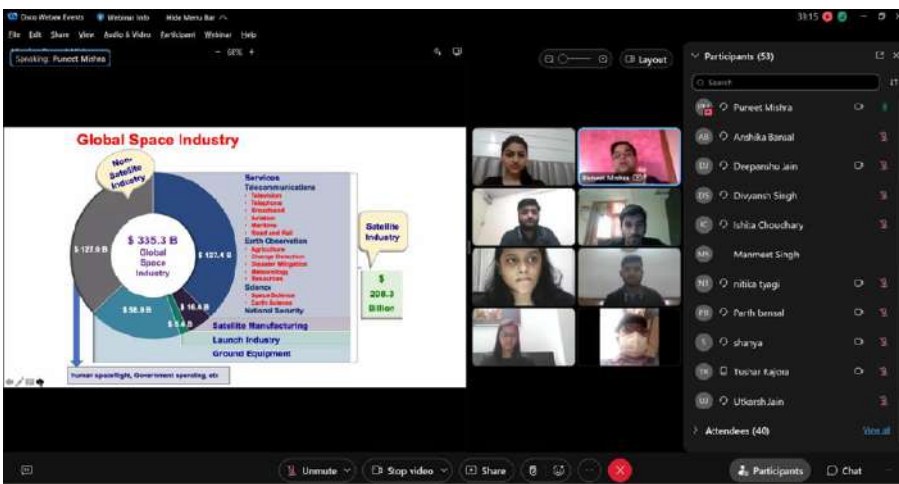
*PEO2: Graduates shall be adaptive to innovations and new technologies which shall lead them to professional excellence.*

*PEO3: Graduates shall manage resources skillfully and practice the profession with ethics, integrity and social responsibility.*



# SATELLITE DESIGNING

MAY 7, 2022



## ACTIVITIES

- Students were taught about the knowledge required prior to the study of satellites.
- The knowledge of how and why the satellites work was given.
- Students were taught about the benefits of the study of satellites.
- students learnt about configuration and assembly process.

**ORGANIZER - IEEE PES ADGTM**  
**PRESENTER - SOUMYAJIT DAS**

## ABOUT THE EVENT

IEEE PES ADGTM conducted a webinar on the topic SATELLITE: DESIGN, CONFIGURATION, ASSEMBLY AND TESTING on 7th MAY 2022 for all students. It was organized keeping in mind the interests of students who wanted to dive deeper into the study of satellites. It was delivered by our very special guest speaker, Mr. Puneet Mishra.

This event kickstarted with the basic introduction of the importance of satellites and over the span of time, the session catered students with the knowledge of its design, configuration and assembly. The event hence was a huge success.

## OBJECTIVE

- To cultivate interesting the study of satellites
- To give basic idea of how and why satellites work



# IDEA TO PRODUCT: A RESEARCH PATHWAY FOR STUDENTS

## ABOUT THIS SESSION

IEEE ADGITM organized a session on the importance of research pathway and project based learning delivered by Mr. Ramneek Kalra, this session was packed with a lot of information and guidance. It was an event where our guest speaker spoke about his journey with IEEE and motivated the attendees by sharing his life experiences and how he got to where he is today.

Our guest speaker taught the students a lot about how writing and concluding in research papers

anything related to research is crucial in today's times, even a little bit more than internships. He co- related the events from his past college experiences to the days that college students experience in today's post-covid world and guided everyone on what's best for everyone. It was a very fruitful session for every attendee overall.



## CREATIVE SOLUTIONS

The objectives of this session were the following:

1. To cultivate interest of members in the field of research and project based learning.
2. To give a basic idea to the new students on how to start preparing for placements.
3. To give a basic idea how to use different special techniques to survive college years. All of these objectives were realized during the webinar.



## ACTIVITIES DURING THE EVENT

1. The attendees were told about how they can make their special place in the field of their choice.
2. The special emphasis was laid on why and how research paper are a very important part of any student's college life.
3. participants were provided with basic information about what can do to enhance their chances for scoring a good placement and advance their careers.
4. Special roadmap was provided
5. The speaker interacted with each attendee to know more about them and give them a personalized piece of advice.

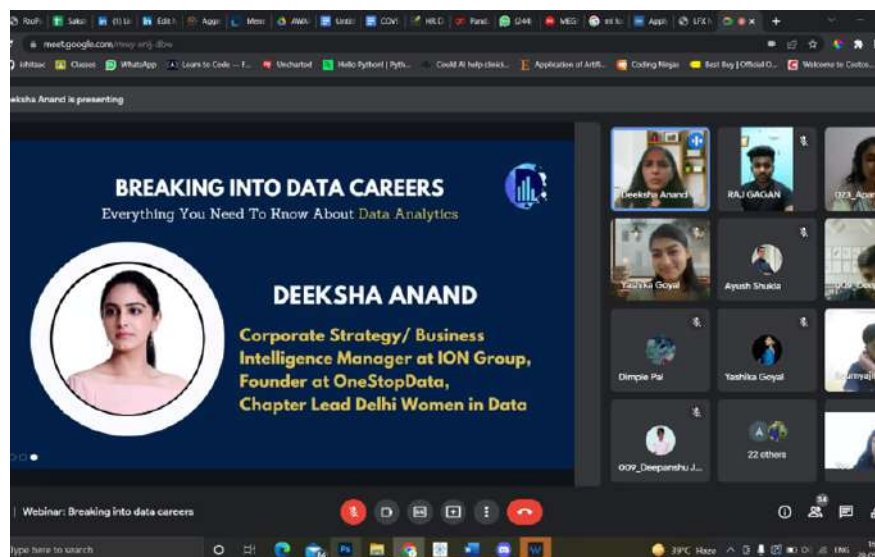


# Breaking into Data careers

## ABOUT THIS EVENT

It's so easy for us to get caught up in negative patterns, versus seeing what positive change you can make. Especially for women and minorities, we need to learn to see challenges as stepping stones instead of hurdles.

The world of tech is known for being extremely male-dominated, with women in the STEM industries often experiencing sexism, inequalities, feelings of inadequacy, or impostor syndrome. Despite the hardships that come from being a minority in the field, there are incredible women making their mark on the tech industries. Keeping this in mind, IEEE ADGITM conducted session on how women in STEM can make their special place in data careers. It was delivered by Deeksha Anand (Corporate Strategy & BI Manager @ ION | Founder, OneStopData| Educator | Trained Coach | Mentor | Women in Data). It was a power-packed session where we talked about how women in data face hardships in their field and how they can face them.



## ACTIVITIES

- The attendees were told about how they can make their special place in the field of machine learning or any tech industry.
- The special emphasis was laid on how women can have an upper hand among the rest of the individuals.
- All the participants were provided with basic information about what they can do to enhance their chances for scoring a good placement and advance their careers. 4. Special roadmap was provided

## OBJECTIVE

- To cultivate interest of members in the field of machine learning.
- To give a basic idea to the new students on how to start preparing for placements.
- To give a basic idea how to use different special techniques in the field of STEM for women, All of these objectives were realized during the webinar.

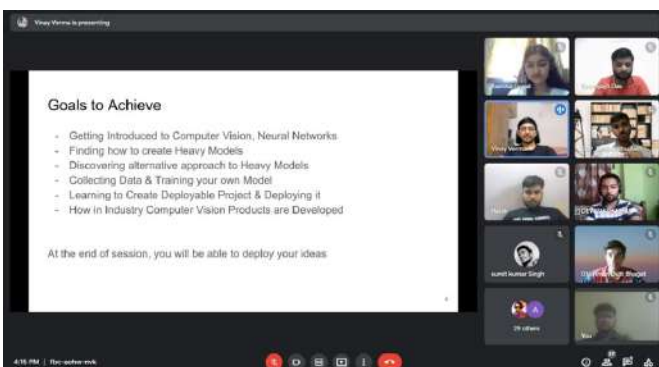
# COMPUTER VISION

## INSIGHT TO IMPLEMENTATION



### ACTIVITIES

- Students were taught that the computer vision is a field of Artificial Intelligence (AI). Works on two essential technologies i.e., Machine learning (ML) and Convolutional Neural Network (CNN).
- The knowledge of how and why compute vision and neural network work.
- Furthermore, students learnt how to build a project using this technology
- Students were given real life applications to demonstrate how important computer vision is to endeavours in business, entertainment, transportation, healthcare and everyday life.



### ABOUT THE EVENT

IEEE PES ADGTM conducted a webinar on the topic COMPUTER VISION-FROM INSIGHT TO IMPLEMENTATION on 17th July, 2022 for all students. It was organized keeping in mind the interests of students who seek to become acquainted with computer vision that included basic knowledge of neural networks and how data processing is done. It was delivered by our very special guest speaker, Mr. Vinay Kumar Verma.



### OBJECTIVE

- To enhance interest in the field of computer vision and convolutional neural network.
- To give a basic idea of how and why computer vision works using machine learning and convolutional neural network along with data processing.

# ROADMAP TO TECH PLACEMENTS

## ROADMAP FOR **TECH** PLACEMENTS

Online Webinar

Register Now



16:00 PM(IST)

**23 JULY**



with

**Nikunj  
Joshi**

SDE, Amazon

### ABOUT EVENT

IEEE ADGITM rendered a stunning webinar on "Roadmap to Tech Placements" which was delivered by Mr. Nikunj Joshi who is currently an SDE at Amazon. This was organized keeping in mind that Technology has helped make searching for jobs more convenient than ever. The growth of technology use in business has opened many job opportunities to those with the aptitude and willingness to learn how to use information technology. This session was packed with a lot of information and guidance. It helped the attendees and future aspiring engineers apply new ideas with greater confidence, and helped them to discover aid in taking the next steps towards their career.

### ACTIVITIES

- The attendees were told about how they can make their special place in the field of their choice.
- All the participants were provided with basic information about what they can do to enhance their chances for scoring a good placement and advance their careers.
- Special roadmap was provided .
- He speaker interacted with each attendee to know more about them and give them a personalized piece of advice.

### OBJECTIVES

- To cultivate interest of members in the field of technology
- To give a basic idea to the new students on how to start preparing for placements.
- To give a basic idea how to use different special techniques to survive college years





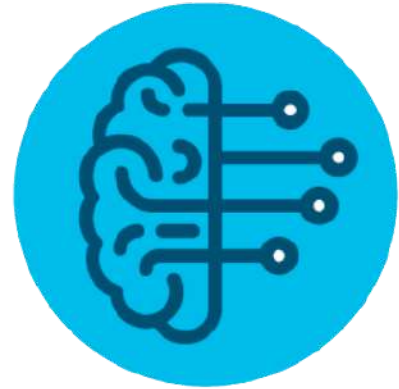
# WEBINAR

## AI & ML

### ABOUT THE SESSION

IEEE ADGTM organised an online webinar on AI & ML on July 28th, delivered by Ms. Eva Kaushik. AI & ML are helping remote teams to perform efficiently during the pandemic. According to research by ABI, within the realm of the Internet of Things, Artificial Intelligence and Machine Learning services are estimated to grow about US\$3.6 billion by 2026, increasing at a CAGR of nearly 40%. So, to help students realize the same, this event was conducted, and it was ultimately a huge success.

This interactive session will be delivered by Ms. Eva Kaushik. Our speaker for this event is the Co-Founder & Community Engagement - FiCord, Advisor - frontforumfocus, A Public Speaker, & The Ex-Chairperson at IEEE ADGTM.



#### CONCEPT OF ML SYSTEMS

Learning = Improving with experience at some task.

- Improve over Task, **T**
- With respect to performance measure, **P**
- Based on experience, **E**

Question:

#### Spam Filtering

Spam Mails: Irrelevant or unsolicited messages sent over the internet for the purposes of advertising, phishing, spreading malware. Define T, E and P for this case?

### OBJECTIVES

- To cultivate the interest of the students in the AI & ML domains.
- To guide the students on how they can advance their careers by being in this demanding field.
- To teach the attendees, some basics of the said domain.
- To aware the students about the changes and demands in this rapidly growing field.

# Hack-O-Heist

## ABOUT THE EVENT

IEEE CS ADGITM presented its next Mega Event Hack O Heist. Hack-O-Heist was a 4- day long event that included featuring workshops, fun mini-events, challenges, and of course, food. Where all can Hack For Fun! This event was followed by a 48-hour Online Global Hackathon! This platform was intended to encourage innovation and creative thinking. These were going on through the day while caffeinated teams of exceptional student innovators and entrepreneurs collaborated on building technology that focuses on changing people's lives. It was an initiative to provide an open canvas to all where everyone is free to paint it however they want. We conducted this event as these little efforts will help us collectively achieve our mission to stimulate the learning of the students in our community and college. The vision of IEEE ADGITM is to be a torch-bearing academic group for students, illuminating the way and providing opportunities with a competitive edge for a successful future. Educating people who will be shaping not only communities but industries to come warrants balancing institutional performance with the importance of experimentation, creativity & innovation.



## DAY 1

- opening ceremony
- workshops: github, building a bot with python
- The Code Brewer: It is a challenge where the participants will choose one language from the choices and solve beginner and intermediate-level problems faster than other candidates.
- Live Music & Shayari: There will be a short break where the students can express their talents.
- Indoor Arena: In order to teach students about three-dimensional spaces, the Rubik Cube was developed as a learning tool. But today it's one of the most well-known riddles in history!

## DAY 2

- Workshop: PCB designing, build your own alexa, tech talk based on AI, cloud computing
- Runtime Terror: It is a challenge where the participants will choose one language from the choices and Debug the code in order to make it run. The participant will need to be faster than other candidates.
- WIKI GAME
- Artistico: There will be a short break where the students can express their talents. "Limitations live only in our minds. But with one's imagination and creativity, possibilities become limitless." Everyone will be provided with their own Paints, Sheets, Brushes, and palettes.
- closing ceremony





# ACHIEVING HEIGHTS

**Dr Akhilesh Das Gupta Institute of Technology & Management**  
 FC-26, Shastri Park, Delhi - 110 053  
 Approved by AICTE and Affiliated to GGSIPU  
 www.adgitmdelhi.ac.in || +91 11 49905900-99

**BBD GROUP**

**Congratulations**  
**SARTHAK JAIN**  
 B.Tech. - ECE Batch 2018-22

on getting  
**Multiple Placement Offers**

Infosys | DXC TECHNOLOGY | ZYCUS | TATA ELXSI  
 Sapient | compro | RxLogix

#ShapingGenerations



GeeksforGeeks

**Dr. Akhilesh Das Gupta Institute of Technology & Management**  
 (Formerly Known as Northern India Engineering College)  
 FC-26, Shastri Park, New Delhi - 110053

**BBD GROUP**

*Congratulations*  
**NITESH GARG**  
 B.Tech ECE Branch 2018-22

on getting multiple placement offer

TCS | TATA CONSULTANCY SERVICES  
 Google | wipro

PLACED IN **Google**  
**28.88 LPA**



**DR. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY & MANAGEMENT, NEW DELHI**  
 Formerly Northern India Engineering College  
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**BBD GROUP**

**#ADGITM PLACEMENT**

**CONGRATULATIONS!**  
**NAKUL SINGH**  
 B. TECH. (ELECTRONICS & COMMUNICATION ENGINEERING)  
 BATCH: 2018-22

PACKAGE: **10.5 LPA**

Placed at  


<https://adgitmdelhi.ac.in>



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**BBD GROUP**

*Congratulations!*

**#ADGITM PLACEMENTS**

**TANIA NARANG**  
 B. Tech. (ECE) Batch 2018-22

Job Offered from

Infosys | NEWGEN | wipro  
 ZenSar | digit | KPIT

#ShapingGenerations



**Dr. Akhilesh Das Gupta Institute of Technology & Management**  
 (Formerly Known as Northern India Engineering College)  
 FC-26, Shastri Park, New Delhi - 110053

**BBD GROUP**

Department of Electronics & Communication Engineering organizes

**Placement Talk**  
 WITH SANYAM JAIN

ECE STUDENT PLACED AT  
**Grab**  
**₹23.5 LACS**  
 SALARY PACKAGE

PLACEMENTS OF SANYAM  
 Grab - 23.5 CTC  
 Yojak - 14 CTC  
 Juspay - 13 CTC  
 Dxc - 3.6 CTC



Formerly Northern India Engineering College  
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**BBD GROUP**

**DEPARTMENT OF ELECTRONICS & COMMUNICATION**

*Congratulations*

  
**Mansi Chopra**  
 B. Tech. (ECE)  
 Batch: 2018-22

  
**Rashi Kaushik**  
 B. Tech. (ECE)  
 Batch: 2018-22

Placed in **IntelliPaat**

PACKAGE: **9 LPA**

# **Prof. (Dr.) Niranjana Bhattacharyya**

**HOD, ECE Department**



## **Message from HOD**

A child's psychology is the most difficult to understand. We at Dr. Akhilesh Das Gupta Institute of Technology and Management believe in imparting quality education to the students at a level where they can easily retain the knowledge and clear their basics to the pinnacle. Our staff members have been incessantly redefining the standard of erudition in a manner through which the students are equipped to face the challenges of future with their technical proficiency and scientific knowledge. The institution is highly esteemed with reference to its innovative endeavours, keen involvement and exceptional merit. I am proud to be a part of an institution that believes in putting the education of the students beyond everything. Igniting the youth with knowledge, life skills and ethics, we develop the students into confident, persuasive and practically insightful individuals. We encourage and imbibe them the lessons of self-reliance and discipline by letting them to take up multiple roles in different aspects of life. I extend my heartfelt congratulations to ADGITM, Delhi for being successful in producing strong individuals who believe in scripting stories of success with their unfailing resoluteness and indomitable will power.



# Editor's Note



I am extremely delighted to introduce the quarterly **TELLER OF ECE Department** that is from may to august .

TELLER provides you a lot of information and on the same side developments of ECE DEPARTMENT as it gives you insights about the latest achievements in field of technology, placements, high quality publishing, original contributions & happening events from both i.e. faculty and students, point of view.

I would like to thank all the members of the editorial board for putting up such a brilliant piece of work within such a short span of time which included collection of data, compiling, proof reading, editing, checking plagiarism etc.

I would also like to thank all the people who have contributed in some way or the other towards the magazine release.

It will be highly appreciated if our team is provided with your valuable suggestions for the further improvement and enrichment of our upcoming **TELLER**.

MS. RICHA MALHOTRA

**Editor-in-Chief**