

## Expert Lecture on Industrial Evolution and Application of IOT in Electro Mechanical Systems

(2 March 2020, Monday)



An expert lecture on Industrial Evolution and Application of IOT in electro mechanical systems was conducted by the Department of Electrical Engineering on 2 March 2020 in the seminar hall of GNIOT Engineering Institute.

Dr. Manoj Kumar Pandey, R&D head from Hero Future Energies delivered the lecture. He spoke on Internet of Things, its architecture and security, Big data and Big data analysis. He also emphasized the need of solar home systems and lithium ion

batteries for EV with high performance. The session was attended by Dr. Rajesh Goel, Director, GNIOT, Dr. R. L. Sharma, HoD-EE, Prof, S.P. Saini, faculty and students of the Department.

## Smart Hacks 2020

(3 March 2020, Tuesday)



Electronics and Communication Engineering Department organised SMART HACKS 2020 on 3 March, 2020. A computer based test was conducted on C/C++ in collaboration with ICT Academy of IIT Kanpur. More than 200 students participated in the event. Students were thrilled to participate in Pan India event. The objective of organizing such events is to

narrow the gap between the academic approach to Electronics & ICT domains as currently provided by the educational institutions and practically oriented approach as demanded by the industry. It was a 2 phase event. First round was being conducted at GNIOT while the second round will be conducted at IIT Kanpur.



Bharti Kumari from CSE Second year won this round and will be participating at IIT Kanpur representing GNIOT at National Level. Such Experiences are a big motivation for the students to work in technological areas.

## Placement Drive with HCL Technologies

(3 March 2020, Tuesday)

HCL Technologies is a next-generation global technology company that helps enterprises reimagine their businesses for the digital age. HCL delivers holistic services across industry verticals to leading enterprises, including 250 of the Fortune 500 and 650 of the Global 2000.

GNIOT family congratulates the following students for being selected as GET at a package of 3.5 LPA:

- Dewanshu Kumar (CSE)
- Sunitha Soubhagya (CSE)

**Session with Mr. Gaurav Chauhan.**  
**Alumnus - GNIOT, Greater Noida**

**(3 March 2020, Tuesday)**



A detailed session was carried out with Mr. Gaurav Chauhan at GNIOT, Greater Noida on 3 March 2020.

Mr. Gaurav Chauhan was selected as a Site Engineer in Krishna Builders Estates (KBE), Mohali (Punjab). He completed his B.Tech. from Civil Engineering in 2016. We are proud of his success and convey our best wishes in all his future endeavors.

## Badminton League 2020

(4-5 March 2020, Wednesday- Thursday)



Sports Club of GNIOT, Greater Noida organized the Badminton League 2020 on 4 and 5 March 2020 under the banner of "Competition -2020, Sports Competition". The two day event was inaugurated by Shri Rajesh Kumar Gupta, Chairman of GNIOT Group of Institutions, Shri Gaurav Gupta,

Vice Chairman of GNIOT Group of Institutions, Shri Bajrang Lal Gupta, Vice Chairman of GNIOT Group of Institutions, Shri J.S. Rawal, Member of Management of GNIOT Group of Institutions and Dr. Rajesh Goel, Director –GNIOT.



## Paper Presentation in an International Conference

(14 March 2020, Saturday)



Mr. Manoj Kumar Gupta (Assistant Professor, MBA Department, GNIOT) presented research paper on "**Universal Values Based Education for Holistic and Sustainable Development**" in the International Conference at ITS Engineering college, Mohan Nagar, Ghaziabad on 14 March 2020 successfully and received a certificate by the Director of the Host Institute (ITS, Mohan Nagar, Ghaziabad).

## Faculty Development Program on Artificial Intelligence, Machine Learning and its application

(18-24 May 2020, Monday-Sunday)

Department of Electronics and Communication Engineering organized a Faculty Development Program on **Artificial Intelligence, Machine Learning and its application** in association with E & Amp; ICT Academy, NIT Patna from 18 to 24 May, 2020. More than 85 faculty members, research scholars enrolled for the program and gained relevant knowledge of the domain. At the end of program a quiz was also organised for the enrolled candidates. Program was attended by participants from

all over the country and was appreciated by them as it enhanced their skills in the field of AI & ML.

## Webinar on Artificial Intelligence in Real Life

(28 May 2020, Thursday)



A WEBINAR IS BEING ORGANIZED  
ON TOPIC  
**ARTIFICIAL INTELLIGENCE IN REAL LIFE**  
BY DEPARTMENT OF CSE, GNIOT, GREATER NOIDA

**Dr. Rajesh Goel**  
(Director)  
Topic- AI Applications in Real Life.

**Dr. Anuranjan Mishra**  
(Dean Academics)  
Topic- Implementation of AI in Different Areas.

**Dr. Rajdev Tiwari**  
(Dean CSE, IT & MCA)  
TOPIC- AI AND SPEECH RECOGNITION.

**Ms. Vidha Sharma**  
(Asst. Professor)  
Topic- AI and Data Analytics.

**Ms. Taranpreet Kaur**  
(Asst. Professor)  
Topic- AI and Image Processing.

28<sup>th</sup> MAY 2020  
BETWEEN 11:30 AM TO 1:00 PM

A webinar was conducted on 28 May 2020 on **Artificial Intelligence in Real Life** by the Department of Computer Science and Engineering, GNIOT. The key note speakers of the virtual seminar were Dr. Rajesh Goel, Director GNIOT, Dr. Anuranjan Mishra, Dean Academics, Dr. Rajdev Tiwari, Dean (CSE, IT & MCA), Ms. Vidha Sharma, Asst. Professor CSE and Ms. Taranpreet Kaur, Asst. Professor MCA.

They described the facts about AI applications in real life, Implementation of AI in different areas, AI and speech recognition, AI and Data Analytics, AI and Image Processing etc.

## Webinar on Introduction to Simulation Based Virtual Labs in First Year Academics: A Paradigm Shift Post Covid 19 (4 June 2020, Thursday)



**Virtual Labs** is a project initiated by the Ministry of Human Resource Development, Government of India, under the National Mission on Education through Information and Communication

Technology. The project aims to provide remote-access to Laboratories in various disciplines of science and engineering for students at all levels from under-graduate to research. A webinar on “**Introduction To Simulation Based Virtual Labs In First Year Academics: A Paradigm Shift Post Covid 19**” was successfully organised by the Department of First Year at GNIOT (Engineering Institute), Greater Noida, on 4 June 2020.

First year faculty members from different disciplines addressed the students and demonstrated the practical experiments through simulation based virtual labs. A huge response from students was witnessed through the registrations received for the event. More than 450 registrations were received from students of different disciplines and around 250 students attended and got benefitted from the session.

The event was initiated by the address of Dr. Rajesh Goel, Director GNIOT. He discussed the significance of the virtual labs in first year academics especially in the times of the Covid-19 pandemic.

Dr. Ravindra Kumar successfully moderated the event and the following speakers

delivered sessions on their respective topics as listed below:

- **Dr. B.S. Chauhan**, Dean First Year - Empowering First Year Academics through Virtual Labs
- **Ms. Vasudha Tiwari**- Simulation Based Learning of Computer Programming Lab
- **Ms. Minakshi Awasthi**- Remote Access to Engineering Chemistry Lab through Simulation
- **Ms. Anju Nanwani** - The Art of Non-Verbal Communication
- **Mr. Mayank Maheshwari**- Simulation of Strings in C Language

## Poster Making Competition

(5 June 2020, Friday)

On the occasion of World Environment Day the Department of Computer Science Engineering organised a poster making competition in collaboration of Technical Club on 5 June 2020.

Participants sent their posters to our coordinators of the event.

Theme of the event was “**the greatest threat to our planet is the belief that someone else will save it?**”

Students from various branches of GNIOT participated in the event.

## Webinar on Need, Process and Content of Value Education

(6 June 2020, Saturday)



**2001**  
GNIOT GROUP OF INSTITUTIONS

**ORGANIZING A WEBINAR**  
ON TOPIC  
**NEED, PROCESS AND CONTENT OF VALUE EDUCATION**  
BY GNIOT, GREATER NOIDA

**Dr. Rajesh Goel**  
(Director)  
Topic- Need of Value Education .

**Mr. Manej Kumar Gupta**  
Resource Person, Universal Human Values, GNIOT  
Topic- Content of Value Education.

**Prof. Harendra Singh**  
HOD, MCA Department  
Topic- The Process of Value Education.

**MODERATOR**  
Ms. Anju Nanwani  
+91 9873-293-793

**TECHNICAL IN CHARGE**  
Mr. Sunshil Singh  
+91 9818-035-073

**05<sup>th</sup> JUNE 2020**  
BETWEEN 2:00 PM TO 4:00 PM

The Value Education Cell of GNIOT organised an online webinar on "Need, Process and Content of Value Education" on 6 June 2020. The webinar was organized to ensure awareness about the value based education among students which leads to the harmony in the family and society.

The following speakers delivered sessions on their respective topics as listed below:

1. **Dr Rajesh Goel (Director-GNIOT):** Need of Value Education
2. **Mr. Manoj Kumar Gupta (Resource person Universal Human Values , GNIOT):** Content of Value Education
3. **Mr Harendra Singh ( HoD – MCA):** The Process of Value Education

325 students, faculty members registered for the event and around 170 participants recorded their valuable feedback. The Event was moderated by Ms. Anju Nanwani.

## Webinar On Organizational & Consumer Application on IOT

(10 June 2020, Wednesday)

The Department of Electronics and Communication Engineering organized a Webinar on **Organizational & Consumer Applications on Internet of Things** on 10 June 2020 between 11:30 am to 1:00 pm.

This webinar was organized to introduce the basic concepts and applications of one of the

emerging fields of engineering i.e. Internet of things (IOT). Experts discussed and explored the history, scope and applications of IOT at Homes, Health Cares, and Transportation System and also in the field of IOT career. Webinar was conducted using Google meet platform. E-Certificate was given to all the attendees for their valuable participation in the webinar.

## Webinar on Infrastructure Construction in Cyclonic Zone

(12 June 2020, Friday)



www.gniotgroup.edu.in

**GNIOT**  
GROUP OF INSTITUTIONS

2001

**WE ARE HOSTING A WEBINAR**  
ON TOPIC

**INFRASTRUCTURE CONSTRUCTION IN CYCLONIC ZONE**  
BY GREATER NOIDA INSTITUTE OF TECHNOLOGY, GREATER NOIDA

**OUR SPEAKERS**

 <b>Dr Rajesh Goel</b> (Director) Topic - Overview of Cyclonic Zone	 <b>Satish Chandra</b> Deputy General Manager MCCON Limited Topic - Bridge Construction in Cyclonic Zone.	 <b>Dr. Ranjan Kumar</b> HOD Civil Department Topic- Housing Construction in Cyclonic Zone
 <b>Mr. Tabish Quadri</b> Assistant Professor Moderator		

12<sup>th</sup> JUNE 2020  
BETWEEN 11:00 AM TO 1:00 PM

The Department of Civil Engineering successfully organised a Webinar on **"Infrastructure Construction in Cyclonic**

zone" on 12 June 2020. A total of 122 participants registered themselves for the event from 19 different institutions/organizations which included 68% students, 28.7% academicians & rest were from industrial background.

Sessions were quite interactive and participants attended very actively. Experts covered design criteria in high wind zones, cyclones & its effect, some case studies were also discussed.. The session was inaugurated by Director-GNIOT, Dr. Rajesh Goel with his introductory session and then Dr. Ranjan Kumar (HOD - CE) introduced the chief guest- Mr. Satish Chandra.

Mr. Satish Chandra discussed the main topic of the webinar through a presentation which was later followed by a questionnaire round from the participants. The webinar was appreciated by the participants through their feedback

## **Placement Drive with PromptCloud Technologies**

**(12 June 2020, Friday)**

PromptCloud is a leading company in the field of web scraping. They provide huge

online data resources for research and forecasting purpose. Their goal is to help companies extract data from the web with ease.

GNIOT family congratulates **Abhijeet Mishra** of CSE Department for being selected as **Software Engineer** at a package of **7 LPA**.

## **Practical Implementation of Machine Learning Using Python**

**(18 June 2020, Thursday)**

An industrial training/ internship initiative had been organized by the Department of Computer Science and Engineering, GNIOT from 18 June 2020. The internship was on Practical Implementation of Machine Learning using Python and the duration of the internship was 45 hours.

The trainers were Dr. Rajdev Tiwari, Dean (CSE, IT & MCA), GNIOT, Ms. Vidha Shrama, Asst. Professor CSE, GNIOT and Ms. Divya Mishra, Asst. professor CSE, GNIOT. Students Coordinators were Mridul Kumar, student of CSE 2<sup>nd</sup> Year and Deepak Jaiswal, Student CSE of 3<sup>rd</sup> Year.





**2001**

**GNIOT**  
GROUP OF INSTITUTIONS

**TECHCLUB**

**PRACTICAL IMPLEMENTATION OF MACHINE LEARNING USING PYTHON (45 HRS)**  
(An industrial training / internship initiative)  
BY DEPARTMENT OF CSE, GNIOT, GREATER NOIDA

**COURSE CONTENT**

- 1. INTRODUCTION TO PYTHON: (Duration:2Hrs)**
  - i. Features
  - ii. Applicability
  - iii. Installation of Anaconda3
- 2. NUMPY: (Duration:2Hrs)**
  - i. Attributes
  - ii. Functions
- 3. PANDAS: (Duration:2Hrs)**
  - i. Dataframe
  - ii. Slicing, Row wise /Column wise accessing of data
  - iii. Functions
- 4. MATPLOTLIB: (Duration:2Hrs)**
  - i. Line Graph
  - ii. Histogram
  - iii. Bar Plot
  - iv. Scatter Plot
- 5. MACHINE LEARNING: (Duration:10Hrs)**
  - i. General Introduction
  - ii. Regression
  - iii. Classification
  - iv. Clustering
- 6. DATA PREPROCESSING: (Duration:4Hrs)**
  - i. Feature Extraction
  - ii. PCA, LDA, MFC
  - iii. Data Cleaning
- 7. SCRIPT LEARN: (Duration:12Hrs)**
  - i. Introduction
  - ii. Fitting & Test Confusion Matrix
  - iii. Error Curve & Validation Curve
  - iv. Prediction
- 8. DEEP LEARNING: (Duration:6Hrs)**
  - i. Neural Networks vs Deep Neural Networks
  - ii. Variants of Deep architecture
  - iii. Training of Deep Architecture
  - iv. Applications

**MINI PROJECT: (Duration:2Hrs)**

**STARTING FROM 18th JUNE 2020**  
**BETWEEN 11:30 AM TO 1:00 PM**

**TRAINERS**

- Dr. Rajdev Tiwari**  
(Dean CSE, IT & MCA)
- Ms. Vidha Sharma**  
(Asst. Professor)
- Ms. Divya Mishra**  
(Asst. Professor)

**STUDENT COORDINATOR:**

1. Ishrat Jahanam (2nd yr)
2. Deepak Jaiswal (2nd yr)

Ms. Divya Mishra discussed about Scikit Learn and Deep Learning in which she described Error curve and validation curve, variants and training of deep architecture. Total 18 hours were dedicated for this module as it was purely implementation part. The internship concluded by a mini project assignment given to the students.

## Yoga for Health & Harmony

(21 June 2020, Sunday)

Dr. Rajdev Tiwari elaborated some important aspects such as Introduction to Python, Numpy, and Pandas. All the topics are basics of python through which one can build up a strong infrastructure for Machine Learning. A total of 6 hours were dedicated for these 3 modules.

Ms. Vidha Sharma discussed on the topics such as Matplotlib which is the part of image processing, Machine Learning, in which she discussed some basic algorithms used in Machine Learning and Data Preprocessing which is a crucial step towards Machine Learning implementation. It took about 16 hours for this particular module.



GNIOT celebrated the World Yoga Day on 21 June 2020 at the campus. On this occasion Dr. Anuranjan Mishra (Dean Academics) Faculty and staff members joined Mr. Manoj Gupta and participated in the Yoga session. During the session all the

guidelines issued by the Government were followed.

## Webinar on Future Effects of 3D Printing

(27 June 2020, Saturday)



The Department of Mechanical Engineering organized a Webinar on “**Future Effects of 3D Printing**”. About 239 participants registered for the event from different institutes. The webinar was quite successful mainly due to valuable suggestions and support provided by the Director - Dr. Rajesh Goel, HOD ME -Dr. M.P.S. Rawat and Dean First year -Dr. B.S. Chauhan. The sessions were quite interactive and all participants attended very actively as a result

of excellent efforts made by the moderator, Ms. Vasudha Tiwari.

The session was inaugurated by HOD ME, Dr. M.P.S. Rawat with his introductory session, Mr. Kapil Kumar delivered his lecture on “**3D printing- working principle, process parameters and applications**” and the invited guest Shri Tushar Dave, AGM, BHEL Bhopal covered “**Importance of 3D printing in foundry industry**”.

## Tree Plantation on Van Mahotsav

(6 July 2020, Monday)



“**Van Mahotsav**” was celebrated by the Social Club on 6 July 2020 at GNIOT campus. On this occasion tree plantation

was done by Dr. Rajesh Goel, Director GNIOT along with the Deans, and Head of the Departments, Faculty and staff.

## Placement Drive with Extramarks

(13 July 2020, Monday)

Extramarks is among the fastest growing educational technology companies, with a global footprint. The company has a huge presence in India, South Africa, Indonesia and the Middle East. Extramarks has revolutionized the way education is perceived and delivered, custom creating learning solutions for the 21st century learner.

GNIOT family congratulates Abhishek Bhardwaj of EE Department for being selected as BDA at a package of 3 LPA.

## Webinar on Profile Building for Higher Education & Placements

(20 July 2020, Monday)

Electronics & Communication Engineering Department hosted a satellite webinar in collaboration with Byju's - career Labs exclusively for third year Students



**GNIOT** Group of Institutions  
Approved by AICTE, New Delhi and Affiliated to Dr. APJ AKTU-Lucknow  
Department of Electronics and Communication Engineering.  
Presents  
**LIVE WEBINAR**  
on  
Profile Building for Higher Education & Placements.  
In Association with  
**BYJU'S-CAREERLABS**  
20th July Monday | 4:00 PM  
**DO YOU KNOW?**  
All it takes  
**ONE SECRET INGREDIENT**  
To get into Fortune 500 companies & to crack the top masters abroad with a 100% scholarship!  
Get a chance to interact with

**Abhishek Gupta**  
Speaker at Byju's CareerLabs | Ex-Accenture Consulting  
GMAT & CAT 99 percentile  
10+ years experience in Information Technology, Consulting and Business Development.

**Dr. SHELLY GARG**  
HOD/ICE  
Dept. of Electronics and Communication Engineering  
Faculty of Engineering  
Greater Noida Institute of Technology.

**FOR B.TECH 3rd Year (All branch students)**  
Convener: Dr. Shelly Garg, Dean EC & EE

Co-founder of a billion dollar company (Byju's) and ISB Hyderabad Alumni talked about the effect of a COVID19 on the career of the students. There was an enlightening session on opportunities that come across and change the entire way and how one should look at what's next after engineering.

Highlights of the session were:

- 1) How to get into Fortune 500 Companies
- 2) Profile Building for Higher Education
- 3) Technical Profile boost for Placements
- 4) Top Masters with 100% Scholarships

Dr. Shelly Garg, Head of the ECE Department, motivated students to carry out their post graduate studies in their

engineering studies. Students found it as a very informative session.

## Online Summer Internship Program

(22 July -30 August, 2020)

The Department of Mechanical Engineering organized a 4-week Online Summer Internship/Industrial Training program.



About 170 participants registered for the event from different institutes. Program was inaugurated by HOD ME, Dr. M.P.S. Rawat with his introductory session. All Faculty members of the department delivered their assigned lectures on their research fields.

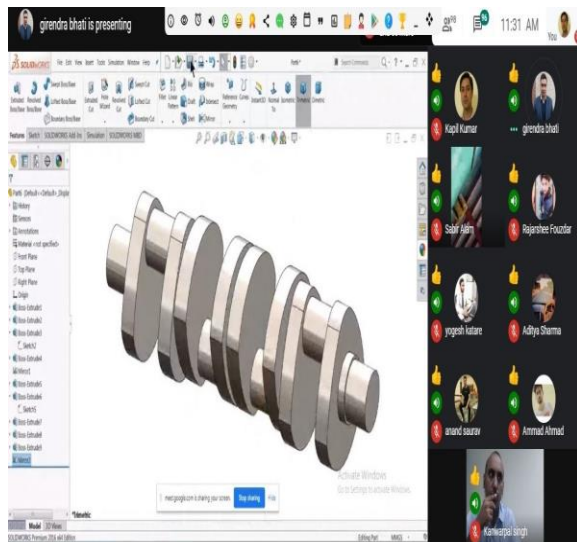
## Workshop on 3D Modelling and Ansys Analysis

(23 July 2020, Thursday)

The Department of mechanical engineering organised a Workshop on “3D Modelling and Ansys Analysis” on 23rd July, 2020. About 142 participants registered for the event from different institutes.



The session was inaugurated by Director GNIOT - Dr. Rajesh Goel with his introductory session. HOD – ME, Dr. M.S. Rawat enlightened the importance of design and analysis for Mechanical Engineers based on his past industry experience earned during his tenure in BHEL.



Mr. G.S. Bhati delivered his lecture on “**3D Modelling**” and subsequently Mr. K.P. Singh delivered his lecture on “**Ansys Analysis**” and in the end, our invited guest Shri Manish Chandra Gupta, DGM, BHEL Research & Development division, Hyderabad, covered “**application of finite element analysis in the industries**”.

## Webinar on Emerging Technologies in Engineering

(25 July 2020, Saturday)

The Department of B.Tech First Year, GNIOT, Greater Noida organised a webinar on “**Emerging Technologies in Engineering**” on 25 July, 2020.



The main objective of the webinar was to make the students familiar with the emerging technologies and provide a better understanding of the leading technologies which can help them analyse which one is going to be the most apt one for pursuing a career. There were two distinguished experts from the Industry to address the students, Mr. Piyush Dixit, CEO Altius Digital Pvt. Ltd. and Mr. Piyush Pankaj, Cloud Onboarding Manager, Capgemini (Alumnus 2011, IT Batch).

The session commenced with the inspiring address of Dr. Rajesh Goel, Director

GNIOT, followed by a formal welcome address by Dr. B.S. Chauhan, Dean First Year.

Around 400 students from different disciplines registered for the session. The webinar was moderated by Ms. Vasudha Tiwari and proved to be a great success with around 150 attendees and the appreciation received through the feedbacks from the participants.

## Webinar on Future Engines and Automobiles

(25 July 2020, Saturday)



The poster features the GNIOT logo at the top left and a 2001 award seal at the top right. The main text reads: "ME DEPARTMENT IS ORGANIZING A WEBINAR ON TOPIC FUTURE ENGINE & AUTOMOBILES". Below this, six speakers are listed with their photos and titles:

- Dr. Rajesh Goel** (Director)
- Mr. M. Sreekar Pawar** (DM in Hyundai, Hyderabad)  
Topic: An overview of IC engines and future scenario
- Dr. M.S. Rawat** (HOD, ME)
- Mr. Sandeep Patidar** (Assistant Professor, ME)  
Topic: Advancement in IC engines, Hybrid Vehicles
- Mr. S.Q. Hussain** (Assistant Professor, ME)  
Topic: Cutting Edge Combustion Technologies in Future Engine, Electric Vehicles
- Mr. G.S. Bhatt** (Assistant Professor, ME)  
Moderator

The event is scheduled for **25<sup>th</sup> JULY 2020** between **10:30 AM TO 12:30 PM**. The background of the poster shows a building illustration.

The Department of Mechanical Engineering organized a webinar on "**Future Engine & Automobiles**" on 25<sup>th</sup> July, 2020. The session was inaugurated by Dr. Rajesh Goel, Director, GNIOT Greater Noida, with his introductory and inspiring speech. Dr. M. S. Rawat, Head of Mechanical Department, shared his knowledge and experiences with the students.

Speakers of the webinar were **Mr. M. Sreekar Pawar** (DM in Hyundai, Hyderabad), **Mr. Sandeep Patidar** (Assistant Professor, ME Department, GNIOT) and **Mr. S. Q. Hussain** (Assistant Professor, ME Department, GNIOT).

Mr. M. Sreekar Pawar introduced and overviewed the working and construction of modern internal combustion engines with the future scenario. He demonstrated the scope of different fuels in IC engines.

Mr. Sandeep Patidar explained the advancements in IC engines. He also introduced the concept, construction, functions, advantages and limitations of hybrid vehicles.

Mr. S. Q. Hussain covered the research background, outcomes and future scope of

cutting edge combustion technologies in IC engines. He demonstrated the simulation and function of it. He guided the students for the future trends and applications of electrical vehicles. He discussed the various components and assemblies in electrical vehicles. The students participated with full enthusiasm. They got the knowledge, inspiration and motivation from speaker of the session.

### **Workshop on Building Automation (27 July 2020, Monday)**



A building automation system is designed to be convenient, increase safety, and save energy. Keeping this in view, the Department of Electronics and Communication Engineering organised an

online one day workshop to strengthen students on upcoming technologies. Mr. Aamir Khan, senior technical trainer took the workshop along with Dr. Shelly Garg-Head of the Department of Electronics & Communication Engineering.

Workshop brought an insight of what had been futuristic has become a reality today. Wireless Lifestyle solution is attracting the attention of researchers now a day. Smart building designs are also getting popular as right from the intensity of the lights to which gains access to the building at what time, the user can automate anything like temperature conditions, humidity parameters, etc.

It was learnt that in smart building technology, all the devices are connected to the main gateway panel over the internet in order to allow the user to access and control the use of the smart devices. Workshop was highly appreciated by all the participants.

### **Webinar on Software Engineering (1 August 2020, Saturday)**

The Department of Information Technology conducted a Webinar on “Software Engineering” on 1 August 2020.

Mr. Vikas Barsaiyan, Software Engineer in SDG Software India Pvt. Ltd. was the key note speaker (Resource Person). The Webinar provided an insight into the concepts of Software Engineering Learning. He elaborated different concepts of Software Engineering from industry and job-oriented point of view.

Software Engineering is a branch of computer science which includes the development and building of computer systems software and applications software. Computer systems software is composed of programs that include computing utilities and operations systems. Applications software consists of user-focused programs that include web browsers, database programs, etc.

There is a lot of investment being done in the field of Software Engineering at the moment due to the increasing reliance on mobile technology, venture capital-backed start-ups, the growing complexity of technology, and emerging industries. The demand for skilled and qualified software engineers seems to have no end. This demand is strengthened by a changing economic landscape and fueled by the need

for technology solutions. With billions of physical devices around the world that are now connected over the internet and that are collecting and sharing data, all industries are quickly becoming technology driven industries.

Dr. Rajesh Goel Director, GNIOT welcomed the keynote speaker and motivated the students. All the faculty and around 100 students of IT Department of GNIOT participated and updated their knowledge in the field of Software Engineering.

Dr. Manoj Singhal, Professor and HOD -IT Department coordinated the event and motivated the participants and suggested them to enhance their knowledge apart from classroom teaching.

## Placement Drive with Oppo Mobile

(6 August 2020, Thursday)

OPPO Electronics Corporation is an electronics manufacturer based at Guangdong, China. Known for its smart phones, the company also makes MP3 players, portable media players, LCD-TVs, and DVD / Blu-ray players. It was founded



in 2004. The company is also a Smartphone maker.

The GNIOT family congratulates the following students for being selected as GET at a package of 3.5 LPA:

- Saurav Karmakar (ECE)
- Krishan Chandra Rai (EE)
- Rafiuallah Alam (EE)

### Webinar on Best Career Path

(9 August 2020, Sunday)



The Department of Mechanical Engineering organized a webinar on **“Best Career Paths: Mechanical Engineering”** on 9 August, 2020.

Session was inaugurated by Dr. Rajesh Goel Director- GNIOT with his introductory session. Dr. M.S. Rawat HOD-ME focused on the prerequisite qualities of the Mechanical Engineers that are desired by any industry. Then our invited guest Shri Sandeep Puri, Managing Director, Hyde Engineering & Consulting, covered the remaining session by disclosing the clandestine most secured future career paths during Covid-19 scenario and also interacted with the students through question and answer session. The session was very well moderated by Mr. Kapil Kumar.

### Placement Drive With Byju's

(10 August 2020, Monday)

BYJU'S - The Learning App is an Indian educational technology and online tutoring firm founded in 2011 by Byju Raveendran at Bangalore. In September 2020, it was the world's most valued edtech company with a valuation of \$11.1 billion.

The GNIOT family congratulates the following students for being selected as BDA at a package of **10 LPA**:

- Madhuresh Sharma (MCA)

- Rahul Kumar Dixit (CE)
- Aditya Kumar Verma (ECE)
- Aditya Narayan Srivastava (ECE)

support provided by the College Management and Dr. Rajesh Goel- Director GNIOT.

## Independence Day Quiz

(15 August 2020, Saturday)

The Department of Electronics & Communication Engineering organized an online quiz on the occasion of Independence Day. Through the quiz all the participants remembered the great leaders and historic events of our proud country. More than 200 students participated in the event. Mr. Avinash Kumar, Mr. Umang Singh got first position among students and in the faculty/staff category Mr. Sandeep Goyal won the quiz certification.

## Webinar on Mechanical Engineers: Planning For Next 40 Years

(16 August 2020, Sunday)

The Department of Mechanical Engineering organized a webinar on “**Mechanical Engineers: Planning for next 40 years**” on 16th August, 2020 from 12.00 Noon to 1.00 P.M. The webinar was quite successful mainly due to valuable suggestions and



ME DEPARTMENT IS ORGANIZING A WEBINAR ON TOPIC  
**MECHANICAL ENGINEERS: PLANNING FOR NEXT 40 YEARS**

Dr. Rajesh Goel  
Director

Mr. Sanjay Nagi  
FOUNDER & CEO  
Market Insight Consultants

Dr. M.S. Rawat  
HOD (ME)

Mr. Kapil Kumar  
By: HOD, ME  
Moderator

16<sup>th</sup> AUG 2020  
12:00 PM TO 1:00 PM

COURSES OFFERED: B.TECH | M.TECH | MBA | MCA | PGDM | INTEGRATED (BBA+MBA) | BBA\* | BCA\* | B.COM\*

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Plot No. 7, Knowledge Park - II Greater Noida, Gautam Buddha Nagar, Uttar Pradesh 201306, INDIA

The sessions were quite interactive and all participants attended very actively as a result of excellent efforts made by our moderator, Mr. Kapil Kumar. Session was inaugurated by Director GNIOT, Dr. Rajesh Goel with his introductory session. HOD-ME, Dr. M.S. Rawat focused on need of interdisciplinary skills for the mechanical engineers that are mandatory for survival in the future scenario. Then our invited guest Shri Sanjay Nagi, founder and CEO, Market Insight Consultants, covered the remaining session by explaining business process engineering, decision making, transactional analysis,

psychometric tools and various other things for broadening the horizon of the students. The session was so much interesting that it went on upto 1.30 P.M.. After completing his session Shri Nagi interacted with the students through question and answer session and clarified the points raised by our students. We are sure that with this session our students must have gained immensely and would be better prepared in facing their interviews.

## Workshop on Python Programming Language

(26 August 2020, Wednesday)



The Department of Electronics and Communication Engineering organized a

one day workshop on Python Programming Language on 26 August 2020.

The Department organized the session keeping a strong focus on applying the latest pedagogical techniques to deliver a truly multimodal experience. The workshop covered Python Installation Process, History of Python, basics of Python, Input from keyboard, web page development, etc. It proved to be a great platform to all the students for learning.

## Virtual Power Seminar on Cloud Computing

(28 August 2020, Friday)



A virtual power seminar was conducted by the Department of Computer Science and Engineering on 28 August 2020 on cloud Computing. The key note speakers of the virtual seminar were Dr. Rajesh Goel, Director GNOIT, Mr. Vivek Gupta, VP & Global Head of Cloud Services Tech Mahindra and Mr. Sai Krishna, Software Analyst TCS.

They described the facts about Cloud Computing services, their availability, how does cloud computing works, importance of cloud computing, benefits of the technology, future aspects and career opportunities for our young generation.

The session ended with the vote of thanks by Director Dr. Rajesh Goel, Director GNIOT.

Students of CSE Department and faculty members of the department attended the session.

## Placement Drive with Phoenix Robotix Pvt. Ltd.

(28 August 2020, Friday)


Phoenix Robotix brings in technologies such as things network-IOT and Big data to build

a comprehensive ecosystem for smart cities empowering governments, administrations and decision makers to make better data driven decisions, making cities smart, safe and sustainable thus improving the lives of people and citizens inhabiting them and also helping industries meet their compliance requirements and cities to achieve their sustainable development goals through sensor nodes and data analysis.

GNIOT family congratulates **Abhijeet Mishra** of CSE Department for being selected as **Full Stack Developer** at a package of **10 LPA**.

## Webinar on Introduction to Gas Turbine

(30 August 2020, Sunday)



The poster features the GNIOT logo at the top left and a '2001' anniversary badge at the top right. The main text reads: 'ME DEPARTMENT IS ORGANIZING A WEBINAR ON TOPIC INTRODUCTION TO GAS TURBINE BY GNIOT, GREATER NOIDA'. Below this, three speakers are listed with their photos: Dr. Rajesh Goel (Chairman), Mr. Sumath Nandl (Deputy Professor, DHCL (R&D), Hyderabad), and Dr. H.S. Rawat (IITM, Kharagpur). Mr. Kapil Kumar (IITM, Kharagpur) is listed as the Moderator. At the bottom, the date and time are specified: '30th AUGUST 2020 BETWEEN 12:00 PM TO 1:00 PM'. The background of the poster shows a building with the GNIOT logo on top.

The Department of Mechanical Engineering organized a webinar on **“Introduction to Gas Turbine”** on 30 August, 2020. The session was inaugurated by the Director GNIOT-Dr. Rajesh Goel with his introductory session. Dr. M.S. Rawat, Head of the Department of Mechanical Engineering focused on the latest technology used in gas turbine.

Shri Somnath Nandi, Deputy Manager, BHEL, R&D division, Hyderabad, the guest speaker covered all the basics of Gas Turbine and its components. He elaborated how to increase the efficiency as well as reduction in emission in power plant by using the gas turbine. He also discussed aero derivative/ Industrial / heavy type gas turbine and composite materials using in the fabrication of gas turbine.

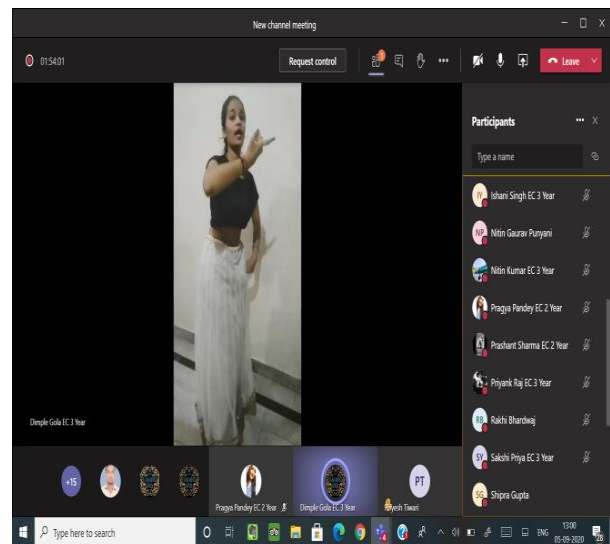
## Teacher’s Day Celebration

(5 September 2020, Saturday)

Teacher’s day was celebrated on 5 September 2020 in Electronics and Communication Engineering Department.

All the students, faculty and alumni guests attended the celebration on MS teams.

Students presented various programs including skit, dance forms, poetry etc. An appreciable interaction session was conducted by the alumni guests for students.



Aayushi Srivastav and Rahul Singh 2018 batch attended the celebration and enlightened the students with their experiences and guidance. A wonderful special interaction session was also organized with faculty members based on their life experiences.

## Placement Drive With Mobiloitte Technology

(26 September 2020, Saturday)

Mobiloitte is a Premier, Full Service Software Development Company for

Blockchain, IoT, Artificial Intelligence, BOTS, Mobile, and Web Development with a special focus on Timeliness, Security, Scale, and Performance. With a skilled workforce of 500+ team members, Mobilotte is equally at the ease of working with Start-Ups, Small & Medium Enterprises, Large Enterprises, Development Sector, and Public-Private Partnerships & Governments. More than 5000 projects in the last 10 years are a testimony to that.

GNIOT family congratulates the following students for being selected as Software Engineer at a package of 3 LPA:

- Pritesh Kumar (CSE)
- Azeem Nazim (CSE)
- Shiv Kumar (IT)
- Bhavesh Singh (CSE)
- Ankit Kumar Chaudhary (IT)
- Md Hashim (CSE)
- Sumit Raj (IT)
- Ashish Kumar Ojha (CSE)
- Harish kumar (CSE)
- Abhishek Agrawal (CSE)
- Aashu Sharma (CSE)
- Nausheen Siddiqui (IT)

- Tahseen Fatima (IT)
- Deepak kumar (IT)
- Aniket Srivastava (CSE)
- Ankit Kumar (CSE)
- Namrata (CSE)
- Amrit Chaturvedi (IT)
- Sanjana Kanojia (ECE)

### ACHIEVEMENTS

- **A research paper on “ A Prototype for Data Integrity in Cloud Environment” by Dr Anuranjan Misra**, Professor, GNIOT, Greater Noida is Published in EAI Endorsed Transactions on Cloud Systems ( May – September Volume 6 , Issue 18) . EAI Endorsed Transactions are indexed in all indexing services including Web of Science, Scopus, EBSCO, ProQuest, CNKI, DBLP, Google Scholar and others.
- **Dr Anuranjan Mishra**, Professor, Greater Noida Institute of Technology, Greater Noida, was awarded with Certificate of Appreciation for being **Technical Session Chair during the IEEE**

**International Conference for  
Convergence in Engineering  
(ICCE 2020), held during 5-6  
September 2020.**

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