

ELECTRA

VOLUME III
2018-2019



THE NEWSLETTER



ELECTRICAL AND ELECTRONICS DEPARTMENT

GALGOTIAS COLLEGE

OF ENGINEERING AND TECHNOLOGY





Chief Editor Pen Downs...

With enormous pleasure, I would love to present a denotation that EEE Department is going to unveil its III issue of the Newsletter, **Electra**. Since past few years it has been a continuous and massive process to lionize the ponderous efforts where we can make every one learn and grow with us in the department. Being the HOD, its an indispensable responsibility to take all those endeavors at its pinnacle and hopefully Electra will be at its epitome. I bestow my heartfelt gratitude to every student and faculty member who made this possible. I wish to get more sharp minds to get connected with us. All the best for future perspectives.

Editorial board

Chief editor : Prof. A. Ambikapathy
Editor : Prof. Rajesh Narayan
: Prof. Amit Rai

JANVEE YADAV



SHIVANGI DWIVEDI



VISION OF DEPARTMENT

To be recognized as a premier department in producing quality technocrats, innovators, entrepreneurs and researchers contributing to the society ethically.

MISSION OF DEPARTMENT

DM-1 To provide quality education by state of art infrastructural facility to explore new ideas and technological challenges.

DM-2 To promote research innovation and entrepreneurship through industry- institute collaboration.

DM-3 To inculcate social, ethical and moral values among the students leveraging them to be global engineer.

PROGRAM EDUCATIONAL OBJECTIVES OF DEPARTMENT

The graduates shall be able to:

PEO-1: Excel in their career by gaining knowledge using modern tools and technologies in the area of Electrical & Electronics Engineering.

PEO-2: Analyze real life problems and produce solutions through their entrepreneurship and innovative skills.

PEO-3: Exhibit ethical attitude, good communication skills and team work in core engineering through professional development and lifelong learning.

PSO OF DEPARTMENT

PSO-1: Stimulate and develop the models for controlling and contriving of different electrical circuits and systems.

PSO-2: Design and develop electronics and communication circuits to provide solutions for complex engineering problems in the field of Electrical Engineering



MAJOR EVENTS



INDUSTRIAL VISIT TO THERMAL POWER PLANT

Department of EEE conducted an industrial visit for the third year students to the thermal power plant located in Aligarh on 19/04/18 and 20/04/18 . Erudite students from the department enriched their cognition and garnered much information about the working and the viability of the thermal power plant. This visit was organized under the guidance of HOD of EEE and the faculty members of the department.



IOT WORKSHOP

In order to bring awareness about the ECOSYSTEM and its advantages, our college has taken new initiatives. Our college has provided the students exposure on Energy Management Technique. As a part of ECO system the Saving of Energy is the Major role in environment. So, keeping this in mind we have organized an IOT workshop. In the period between 04.04.2018 to 20.04.2018 our students were given training on Proteus Technique, C program, Micro controller program, Android Application making. Using this all technique students themselves implemented and installed the automation device in three classrooms. By this the unwanted energy which is been saved. The controlling of appliances was controlled by the mobile phone. Workshop program for students (26 nos.) on topic “Workshop on IOT” at our campus.

Name of the Company: Aedifico tech pvt ltd

SEMINAR ON IMPORTANCE OF SOLAR ENERGY

The EEE Department organised a Seminar on the topic "Importance of Solar Energy in the field of R&D and its Applications". The CEO of Interactive experiential pvt ltd Mr. Saurabh Suman have delivered the content on 29.08.2018. The seminar left the students mesmerized and curious .



INSTALLATION OF PLANT POTS

The students EEE Department in the guidance of Rotract club (GCET) Mr. Dhananjay Singh, Mr. Prasoon Gautam and Mr. Shikhar Bhradwaj and support of EEE department HOD Prof. A. Ambikapathy have taken an initiative to convert all plastic bottles into plant growing pot.

The department wishes both the teachers and the students for their remarkable work. The highly generous and environment friendly task was inaugurated on 05.09.2018, Teachers day.



VISIT TO JITF ECOPOLIS

The department of EEE took their students on an Industrial visit to JITF ECOPOLIS on 13.09.2018 in NEW DELHI. Students took part with more interest and enthusiasm . They went back with memories and knowledge that will help them in further embankments in life .Department wishes the student for their future achievements.



VISIT TO TIMARPUR OKHLA WASTE MANAGEMENT PLANT

The 3rd year(2018-19) students of EEE Department went for an Industrial visit to 'Timarpur Okhla waste management plant' on 11/09/18 and 12/09/18 ,where student learned the entire process of collection of raw wastes to converting them into segregated wastes and finally burning them to generate Electricity . This visit was organised under the mentorship of HOD EEE department.



PYTHON AND MACHINE LEARNING

The Department of EEE Organized three days FDP Program on "Python and Machine Learning" from Prof. A.Ambikapathy and Prof.Sanjay Garailo. 18.01.2019 to 20.01.2019. It was sponsored by CETPA Infotech Pvt.Ltd. Faculties of EEE departments participated with their full interest. The departments Heads of EEE organized it and successfully executed it.



CAREER COUNSELLING

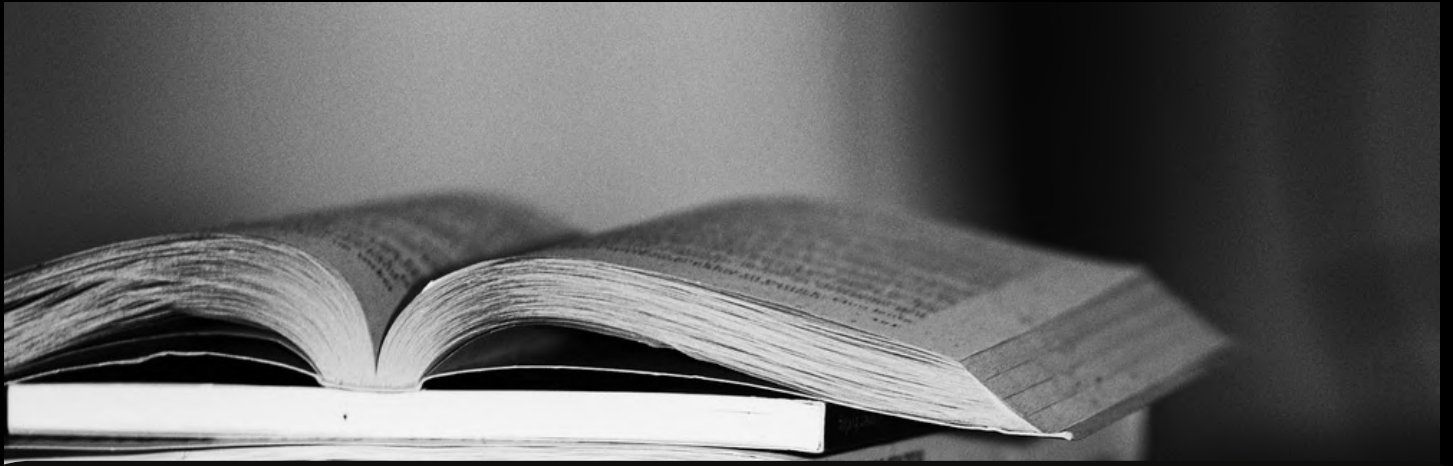
The Department of EEE Organized Career counselling lecture for 6th semester students. MR.Varun Srivastava from YB Target core pvt ltd on 31.01.2019 conduted this sessions .Students left with resolved issues and clear head about what they want to do in future.



CAREER COUNSELLING 2

The Department of EEE organized a carrier counselling program on "Opportunities at International Level". Ms.Christina and Ms.Elsa ,Professor, Tallinn University of Technology, EHITAJATE TEE 5, 19086 TALLINN,ESTONIA delivered the lecture.





STUDENTS ACHIEVEMENTS



CLASS PRESENTATIONS

Prof. A. Ambikapathy conducted presentations on electrical machines. in class of EEE. Bight of students of came forward and presented their knowledge in electrical machines. They were felicitated with 500 rupees and a book by maam for their brilliance and hardwork.





CULTURAL EVENTS

TEACHER'S DAY



Every year the department of EEE celebrates teacher's day with great exuberance. This year was no less. On 05.09.18 students put the stage on fire with their entertaining performances in dance, drama and music.



E TARANG

EEE department celebrated their Annual cultural fest E-tarang with full vigour and zeal. The astounding performance by the Chief guest Deepa Saju traditional Bharatnatyam dancer was par excellence.

A noble initiative 'Wall of Mercy' was taken to help the needy one with daily life essentials.

Scintillating dance, melodious songs, heartthrobbing drama and vivacious poetry filled the aura with zest and fervour. The teachers and students of the department put their best efforts with their performances to make the event a grand success.





CONTACT US

**FOR ANY EDITORIAL QURIES OR TO WORK WITH THE
TEAM OF ELECTRA**

JANVEE YADAV - 7275007342

OR

EMAIL US AT - ELECTRA.EEEANDEE@GMAIL.COM

INTERACT WITH US- <https://www.facebook.com/gceteee/>