



**VIDHYUT**

# NEWSLETTER

VOL.: JUL-DEC 2021

**GYAN GANGA INSTITUTE OF TECHNOLOGY & SCIENCES**

## DEPARTMENT OF ELECTRICAL ENGINEERING

### EDITORIAL BOARD

#### *Board of Editor(s):-*

Prof. Poonam Sarawgi (Faculty, EED)  
Prof. Vaishnavi Yadao (Faculty, EED)  
Prof. Aanad Goswami (Faculty, EED)

#### *Student Editor(s):-*

Ms. Yashika Sharma, 7<sup>th</sup> Sem EED  
Mr. Nikhil Jaiswal, 5<sup>th</sup> Sem EED  
Mr. Sagar Pandit, 3<sup>th</sup> Sem EED  
Ms. Shivani Swami, 1<sup>st</sup> Sem EED



#### *Message from Editor's Desk:*

Welcome to this issue of Newsletter from the Department of Electrical Engineering. We are delighted to launch our Bi-Annual Newsletter "VIDHYUT". This newsletter is a digital way for us to communicate with our students, faculty members, alumni and industrial partners. This newsletter will provide a glimpse of the departmental activities and achievements. Also, it enlightens the readers about the latest happenings in the department, focusing about different activities like placement, ISA, institutional club activities, student and faculty achievements. We look forward for more activities and achievements for the department to march towards excellence in the future. We would like to thank all teaching, supporting staff and our beloved students for their constant support.

### *About the Department*

Department of Electrical Engineering (EE) is established in the year 2003 with the intake of 60 students to meet the requirements of Electrical Engineers for power sector, power sector industries, productions industries (PSU/Private) and R & D activities of Electrical Engineering after the consultation with stakeholders of the institute. Excellent infrastructure and lab equipment are provided for the students, so that our students come out with knowledge of latest cutting edge technology in both software and hardware. The Electrical engineering department has been accredited with excellence by National Board of Accreditation (NBA), New Delhi till 30th June, 2021.

#### *Vision of the Department*

- To produce Electrical Engineering graduates with sound technical knowledge and with ethical values who could excel in Electrical Systems.
- To apprise students of state of art technology and industrial engineering applications.
- To make Electrical Department as a centre of excellence.
- To encourage industrial activities in department with faculty and student participation.

#### *Vision of the Department*

- To Impart intensive and innovative teaching and training through latest technology to provide cutting-edge for achieving excellence.
- To award practical projects aiming at solutions to practical industrial problems.
- To motivate faculty and technical assistants for updating / upgrading knowledge through training, seminars, workshops, conferences and higher studies.
- To create accredited / certified center for testing of transformers and other electrical equipment to cater to the needs of power sector / industries.
- Impart knowledge / solutions of social challenges, ethics, echo / environment etc. to produce worthy citizens.

### *PEO's of the Department*

**PEO 1** - Graduates will enter careers in the MNCs, PSUs, Private sector companies, etc. in the field of design, application, installation, manufacturing, operation & maintenance of electrical systems.

**PEO 2** - Graduates will be undertaking higher studies. Graduate will analyze real life problems, will design techno-commercially feasible solutions to social problems.

**PEO 3** - Graduates will be entrepreneurs, and will produce intellectual citizen to constitute an elegant society to meet social challenges with ethical & moral values having concern for the echo and environment.

### *PSO's of the Department*

**PSO1:** Apply principles of engineering, sciences, mathematics and laboratory skills for designing and developing solutions to problems of applications in the field of Electrical power and Energy systems.

**PSO2:** Engage in independent and life long learning in the technological advancements with the usage of modern design tools to analyze and design variety of complex applications in the field of Electrical Engineering.

**PSO3:** Communicate effectively with good leadership and managerial skills to work in a team or as team leader for techno commercially viable sustainable development of society, exhibiting core professional ethics.

- One day Workshop on **"Robotics "** was organized by the Department under professional society ISF for V Semester Students of the Department on 09-07-2021 through **Online Mode**.
- Guest Lecture on **"5 G Communication"** was conducted under IETE on 26-07-2021 through **Online Mode**. Resource person, Dr. G. C. Manna has give a detailed knowledge on the 5G technology in India the students.
- One day Workshop on **"IOT"** was organized by the Department under Oracle Academy for V Semester Students of the Department on 25-09-2021 through **Online Mode**. . Resource person was Mr. Vivek Singh.
- One day Workshop on **"Recent Trends in Embedded System"** was organized by the Department under IETE on 25-10-2021 through **Offline Mode**. . Resource person was Prof. Shalini Vaishya.
- A seminar on **"How to Prepare Research Paper"** was presented by Prof. Rajeev Kumar Chauhan on 06-12-2021. B. Tech and M. Tech students as well as faculties have attended the Seminar with much enthusiasm.
- One day Workshop on **"Entrepreneurship"** was conducted on 14-12-2021 by the Department under JIC, all Semester Students of the Department have participated. Resource person was Mr. Prem Dubey, JIC.



“Save Earth”, The Poster Competition, held in Department on 15/09/2021, about 30 students from the department has participated. Khushboo Vishwakarma of 3<sup>rd</sup> semester has secured first rank.



[Glimpse of the Event](#)

## *Freshers Party 2021*

Students of 3<sup>rd</sup> semester EE department have arranged a wonderful party for the new comer in the department on 28/12/2021 in Spandan Hall. Students have enjoyed a lot, many of students presented their talent. Ms. Fresher was Ms. Shivani Swami and Mr. Fresher: was Mr. Dhananjay Mishra of the event. Also Mr. Pratham Mourya and Ms. Swati Patel was the Mr. and Ms. Performer of the event. All the faculty members, Head of Department and Principal was present in the event.









**“Nadi ko Jano” A campaign for Crowd Sourcing of Data about Rivers under EES was conducted in the Department.**



**Online Student Induction Program (SIP) Sponsored by AICTE is conducted in the Department from 9/11/2021 to 11/11/202. Keynote Speakers are appointed by AICTE.**

**Department had celebrated World Hindi Day on 10/01/2022. On the occasion first year students have delivered small speeches in-front of faculties, Head of the Department and Principal sir.**



**Students of I – year EE Department have visited Gun Carriage Factory**





Dipti Jugal of VII Sem EE branch participated in RGPV State Level Volleyball Tournament held in Bhopal. Her team has secured 2<sup>nd</sup> rank.



- ATAL online Elementary FDP on “Artificial Intelligence in the Energy Sector: Opportunities and Challenges” from 09/08/2021 to 13/08/2021 organized by AICTE ATAL Academy at GGITS Jabalpur.

**Co-ordinator:** Prof. Rajeev Kumar Chauhan, Asst. Prof. EE Department, GGITS, Jabalpur.

- ATAL online Elementary FDP on “Block Chain Technology: Current Trends and Future Aspects in Smart Grid” from 12/07/2021 to 16/07/2021 organized by AICTE ATAL Academy at GGITS Jabalpur.

**Co-ordinator:** Prof. Shalini Vaishya, Asst. Prof. EE Department, GGITS, Jabalpur.