



VIDHYUT

NEWSLETTER

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GYAN GANGA INSTITUTE OF TECHNOLOGY & SCIENCES

DEPARTMENT OF ELECTRICAL ENGINEERING

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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 / environmentetc. 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.

- Expert lecture on **“Power system Generation Scenario and Switchgear System”** was organized for the Electrical Engineering students on 05/10/2019 by the Department of Electrical Engineering.

Resource Person: Mr. K. K. Murti Retd. Chief Engineer, MPPKVCL Jabalpur.

- Department has organized Expert lecture on **“Smart Grid”** for the Electrical Engineering students on 10/08/2019.

Resource Person: Dr. Ashok Kumar Tiwari Course Director.

- Department has organized a **“Hands on Workshop”** on **“Arduino Programming and IOT Application”** Conducted by **Eagle Foundation** for V Semester Students.

Rajneesh Yadav, Aishwarya Vishwakarma, Nishkarsh Singh Thakur and Ritik Kesharwani, Students of Department of Electrical Engineering, who won the first prize in the event of AICTE sponsored, Charta Vishwakarma Award 2019. The event was organized in AICTE on 20 DEC 2019

One day workshop on “**Matlab**” is organized for the Electrical Engineering students on 03/08/2019 by the Department of Electrical Engineering.

Resource Person: Prof. Anand Goswami Asst. Prof., EE Department, GGITS Jabalpur.

- A Seven Days Hands on Training on “**EDA (Electrical & Electronics Design Automation)**” is delivered by Mr. Vivek Singh, Engineer, Jabalpur Incubation Center, Jabalpur from 08/07/2019 to 14/07/2019. Students of 3rd Sem Electrical Engineering Department had been benefited.

Hindi Diwas was Celebrated on 14/09/2019

On the Occasion Poetry Competition Conducted by the Department Students of each Semester of the EE Department have Participated in the Event.



- **Shubhi Shrivastava** was the Quarter-finalist in **DST and Texas Instruments India Innovation Challenge Design Contest 2019** powered by **AICTE** and anchored by **NSRCEL@IIMB**.
- **Certificate of Merit** Awarded to **Shubhi Shrivastava** in recognition of excellent performance in the **IICDC-2019-LIC** - an online contest on **1st Nov 2019** by TI University Program.
- **Certificate of Merit** Awarded to **Shubhi Shrivastava** in recognition of excellent performance in the **IICDC-2019-c2000** - an online contest on **3rd Nov 2019** by TI University Program.
- **Certificate** awarded to **Shubhi Shrivastava** for the participation in **IICDC-2019- c2000** - an online contest on **2nd Nov 2019** by TI University Program.
- **Certificate** awarded to **Shubhi Shrivastava** for the participation in **IICDC-2019- Business test** - an online contest on **30th Oct 2019** by TI University Program.
- **Aishwarya Vishwakarma, Nishkarsh Singh Thakur, Rajneesh Yadav and Ritik Kesharwani** of 4th Semester EE Department presented innovative solution under the theme **“How to Enhance the Income of Village”** in the AITCE Sponsored **Chhatra Vishwakarma Award 2019**, held on 20/12/2019.
- **Subhi Shrivatava, Giransh Takhlate, Kainat Khan, Mayank Paysi, Palash Kori, Ruchi Shukla and Saral Yadav** have participated in **IICDC Texas Instrumentation Innovation under Texas Instruments and AICTE**, held on 30/11/2019. The team has presented their Innovative Idea as **“IOT Based Smart Energy Meter For Demand Side Load Control and Management”** and qualified for **Quarter Final Round**.