



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 / 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.

- Expert Lecture on “Raising Student Motivation During the Pandemic” was conducted by the Department under SSI on 18-11-2020 through **Online Mode**.

Resource Person: Mr. Rahul Bajaj Managing Director RM Solar Green Energy Pvt. Ltd. Rewa

- Webinar on "Electrical Engineering Opportunities In Public/Industrial Sectors" was conducted by the Department under EES on 31-10-2020 through **Online Mode**.

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

- Webinar on "Recent trends in Electrical Technology" was conducted by the Department under EES on 15-09-2020 through **Online Mode**.

Resource Person: Mr. J.P Giri Assistant Engineer PGCIL, Jabalpur

- Guest Lecture on “**Challenges and Opportunities: Core Companies, Higher Education and Entrepreneurship**” is delivered by Ms. Mukta Dengra, Asst. Prof., T&P Cell, GGITS, Jabalpur for final and pre-final year students of the Department on 21/08/2020.

- **Mr. Mohd. Asad Mansoori, Mr. Anuj Patel and Mr. Shiwansh Dwivedi** have been awarded the certificate of the online course on “**Geospatial Inputs for Enabling Master Plan Formulation**”. The course was conducted by **Indian Institute of Remote Sensing (IIRS)**, during **27-07-2020 to 31-07-2020** . The participant has attended the course at IIRS outreach network centre, **Gyan Ganga Institute of Technology and Sciences Jabalpur**.

- Six Days online STTP on (3/3) “**Enhancement in Loadability of EHV Transmission System: Reduction in Line Losses**” Conducted by the Electrical Engineering Department, GGITS Jabalpur, from 15/12/2020 to 20/12/2020.

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

- Six Days online STTP on (2/3) “**Enhancement in Loadability of EHV Transmission System: Reduction in Line Losses**” Conducted by the Electrical Engineering Department, GGITS Jabalpur, from 16/11/2020 to 21/11/2020.

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

- ATAL online Elementary FDP on “**Electric Vehicle**” from 01/09/2020 to 05/09/2020 organized by AICTE ATAL Academy at GGITS Jabalpur.

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

- Six Days online STTP (1/3) on “**Enhancement in Loadability of EHV Transmission System: Reduction in Line Losses**” Conducted by the Electrical Engineering Department, GGITS Jabalpur, from 17/08/2020 to 22/08/2020.

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

