

DEPARTMENT OF ELECTRICAL ENGINEERING

ABOUT TGPCET

Tulsiramji Gaikwad-Patil College of Engineering and Technology (TGPCET) was established in the year 2007 by Vidarbha Bahu-uddeshiya Shikshan Sanstha (VBSS), a registered society. It is a self financed Private Engineering College, which is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU) Nagpur and is approved by All India Council for Technical Education, New Delhi. Also college is approved by Directorate of Technical Education (DTE), Mumbai, Maharashtra State. The Institute is Accredited with A+ (3.32 CGPA) by National Assessment and Accreditation Council (NAAC). An Autonomous Institute affiliated to RTM Nagpur University, Nagpur.

ABOUT DEPARTMENT

The Department of Electrical Engineering provides in depth education & prepares its students for all the possible future career & developments in technology. Department has a fine blend of experienced as well as young dynamic enthusiastic personalities as faculty for providing quality education at both B.E. (Electrical) and M.Tech. (Integrated Power System). It aims to promote research and teaching activity based on advanced and novel teaching methods. The spacious infrastructure, well equipped laboratories, meritorious students and academically qualified and enthusiastic faculty being the salient features of the Department.

VISION

To emerge as Learning Center of Excellence in the National Ethos in domains of Science, Technology and Management

MISSION

- To strive for rearing standard and stature of the students by practicing high standards of professional ethics, transparency and accountability
- To provide facilities and services to meet the challenges of Industry and Society
- To facilitate socially responsive research, innovation and entrepreneurship
- To ascertain holistic development of the students and staff members by inculcating knowledge and profession as work practices



Department News Letter 2021-22

INDUSTRIAL VISIT ORGANIZED BY THE DEPARTMENT



Load Dispatch Center (LDC)

Industrial Visit to Area Load Dispatch Centre, Ambazari, Nagpur was organised on 21/04/2022. Students got practical understanding of the roles of Regional Load Dispatch Centre for optimum scheduling and dispatch of electricity within the region, in accordance with the contracts entered into with the licensees or the generating companies operating in the region and to monitor grid operations



DEPARTMENTAL ACTIVITIES

Editorial Board

**DR. Prashant
Thakre**

HoD, EE

The world needs to switch towards green energy sources and utilize energy efficiently for sustainability to reduce greenhouse gas emissions. On this note an interactive session on climate change, Solar Energy & demonstration of Energy Swaraj Solar Bus was organized on 05/02/2022 by Dr. Chetan Singh Solanki, Professor, Department of Energy Science and Engineering, IIT Bombay. In this students got more emphasis on climate related issues and their remedies.

ENERGY SWARAJ YATRA

By- Solar Man of India



Faculty in-charge

Prof. Sneha Tibude

Assistant Professor,

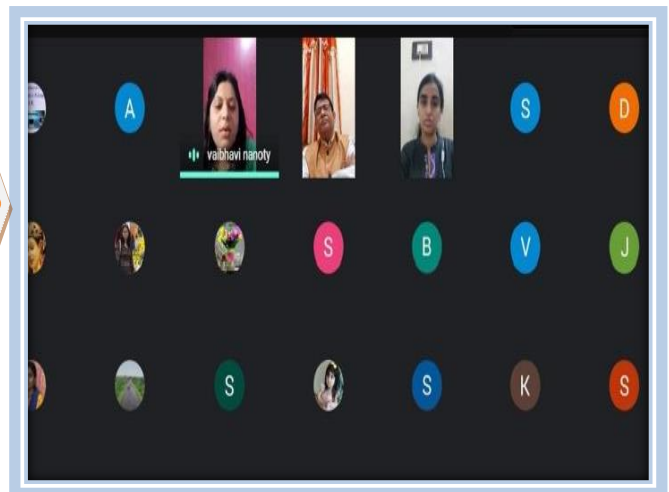
EE

GUEST LECTURERS ORGANISED IN THE DEPARTMENT



In Covid-19 Pandemic Online Guest Lecture has been organised on the topic “Power Generation and Generation station” by Mr. Uday Muthal, Deputy Executive Engineer on dated 23/10/2021. In this students learnt about various ways of power generation conventional and non-conventional. Different types of power plants with its working procedure along with pollution control was also discussed.

Online Guest Lecture has been organised on the topic “Thermal Power Plant Familiarization” on dated 30/12/2021. In this interaction the basics to advancements of Thermal power Plant with its various steps and equipments was discussed. Students got an idea about new techniques used in modern power plants, problems associated with it and its remedies. Scope of internship in power plants was also discussed during the lecture.



Online Guest Lecture has been organised on the topic “Industrial Safety Rules and Information” by Er. Samir Petkar on dated 15/09/2021. In this lecture precautionary measures taken in the industries along with its manual was discussed. Safety Equipment, Risk Assessment, Safety Training, Emergency Evacuation Drills, Working with Tools, Operating Heavy Machinery, Maintaining Cleanliness and many more industry safety rules and information was enlightened.



Guest lecture on “Elements of Electrical System Design” was delivered by Mr. Akshay Jain, Centre Head, LIVEWIRE Nagpur. In this Linear electrical networks, a special type consisting only of sources (voltage or current), linear lumped elements (resistors, capacitors, inductors), and linear distributed elements (transmission lines) had been discussed.



Department of Electrical Engineering TGPCET, Nagpur organised a guest lecture for Electrical Engineering students. This guest lecture was delivered by Mr. Ashish Pahurkar, Additional Executive Engineer, Thermal Power Plant, Koradi. He delivered the lecture on topic “Methodology for Power Plant Testing and maintenance”. In this lecture he explained about the various techniques used in testing of thermal power plant and their maintenance. . Power plant maintenance is the work performed to maintain power plants, including inspections, maintenance, and repairs for all of the assets used throughout a power plant



FORUM "PHOENIX"

Department of Electrical Engineering reinstated Departmental Forum "PHOENIX" by the Chief Guest Mr. Ashish Pahurkar, Executive Engineer, MAHAGENCO, Koradi Nagpur on dated 13th May 2022. All the newly elected student office bearers of Phoenix were rewarded by given badges, also Felicitation of W-21 College Toppers of RTMNU Examinations was also done by the hands of dignitaries during the Program. The Forum is installed for overall development of students.



PROUD ACHIEVEMENTS OF STUDENTS

Department of Electrical Engineering
Student's Achievements

Congratulations

For Qualifying GATE - 2022 Examination



GATE 2022

Mr. Jagannath P. Banik (VI Sem) Reg. No : EE22S22058216

Mr. Jagannath Banik from VI Sem, Electrical Engineering have qualified for GATE-2022 Examination.



Department of Electrical Engineering

Student's Achievements

Congratulations

For Qualifying GATE - 2022 Examination



GATE 2022

Mr. Sunil Maraskolhe (VIII Sem) Reg. No : EE 22S22057391

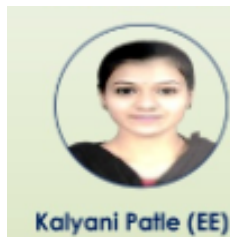
Mr. Sunil Maraskolhe from VIII Sem, Electrical Engineering has qualified for GATE-2022 Examination.



Miss. Snehal Gabhane and Mr. Chetan Malghane from VII Sem, Electrical Engineering have done NPTEL Online Certification in "Digital Protection of Power System" in **Elite Grade**.



Kalyani Hinge, Kalyani Patle and Tejas Nagmote from VIII Sem, Electrical Engineering have been placed in SUNTRONIC RENEWABLES PVT LTD.



Congratulations

Tushar H Kumbhalkar
Dhiraj G Bisen
Aditya S Patre
Hiresh Y Patle
Vaibhav V Thakare
Hina A Ghode
Karishma Naitam
Janvi L Rangari
Akansha Thool
Dipak M Nimje
Suraj V Pisalkar
Saurabh S Yerkhede
Prachi Raut
Rohini R Yenpreddiwar
Poonam N Rathod
Payal Thote
Nilima N Gawalkar
Mrunali A Chavan
Prajakta Harle
Aachal Kurutkar
Parmeshwar
Raj A Maratkar
Sayli Fulzede
Rashmi V Lokhande
Akash Shankarpale
Sheetal Ramteke
Kajal D Kharole
Kapil Sahu
Shreya A Udan
Divya P Pawar
Chakradhar G Rajegore
Vyankatesh S Bhavar
Savita P Bhagatkar

Nandkishor Katre
Shubham S Balpande
Sahil V Vaidhya
Prashant D Kendre
Moin Salam Shaikh
Tejas K Nagmote
Pranju S Mohitkar
Rajnandini Mahato
Harshad T Jambhulkar
Balaji P Jadhav
Shilpa M Chakate
Sumit D Hajare
Dipak H Bhardwaj
Tushar K Dhobale
Aditya Patil
Devanshi Patel
Liladher D Barde
Rajat D Shirame
Sanjaydeep R Chahade
Jay V Dhakate
Sajeshwari S Bhagat
Manisha S Pardhi
Shivam N Mishra
Samir Shaikh
Ashish Kadu
Nikhil H Telrandhe
Sarang Milmile
Gaurav D Bhange
Pravin Chandewar
Jaspal S Rathod
Anup S Tambe
Om Mange
Rajesh P Anparti

Manish Dolas
Pramod S Bhure
Madhav G Kosulkar
Bhushan Y Bambhole
Sushant H Harinkhede
Bankesh Sarkar
Saurabh Kawale
Pradeep G Harinkhede
Nikhil R Urkude
Binay M Chakravorty
Mahesh B Sawant
Indrajeet S Verma
Pratik R Jarile
Nitin L Dhote
Vibhu M Rahangdale
Rohit G Patle
Vishal E Devhate
Akash Dhuldhule
Rohit Tembhurne
Nikita P Bhalme
Pranali K Barapatre
Avinash Khotele
Abhishek J Gajbhiye
Komal H Meshram
Shreyas Pohankar
Bhagyashree H Kore
Rameshwar B Maske
Kalyani V Patle
Achal Sonewane
Rutik Bhagat
Prathamesh Bobade
Kanchan V Rathod
Aboli M Babhare



Shot on OnePlus
By Rohini Yenpreddiwar

Felicitation of University Toppers (Winter-21) Examination