GH raisoni COLLEGE | Engineering and Management Nagpur
An Autonomous Institute, Affiliated to RTMNU, Nagpur
Accredited by NAAC with A+Grade

DEPARTMENT OF ELECTRICAL ENGINEERING

"Vidyut"

A monthly newsletter of Electrical Department for Institute Friends, Patrons, Mentors and Alumni….

VOLUME-XI ISSUE-VI **NEWSLETTER** DATE: 04/04/2026

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Vision and Mission of the Department

Vision

To produce capable graduate engineers with an aptitude and quality for research and leadership.

Mission

- **To enhance career opportunities for the electrical Students through industrial exposure & promote interaction among industry, faculty and students.**
- **To inculcate sensitivity toward society and a responsibility towards environment.**
- **To achieve excellence in learning and research through continual improvement in both content and delivery of the academic programs.**
- **To provide opportunities and ensure regular Skill Up gradation of faculty, staff and students through training programs**

Report of Guest Lecture

A Guest Lecture on “Computer Applications in Electrical Engineering” was organized by Electrical Engineering Department on 09/03/2026, for 4th and 6th semester students. The program commenced with an introduction by Dr.Kiran Raut, Assistant Professor, Electrical Engineering Department.

Mr. Akshay Jain, provided a brief overview of various software used in electrical engineering stream. Computer applications play a vital role in the field of electrical engineering. With the advancement of technology, computers have become an essential tool for designing, analyzing, and controlling electrical systems. Student uses computer software and digital tools to perform complex calculations, simulate electrical circuits, and analyze system performance with high accuracy. These applications help engineers save time, reduce errors, and improve the efficiency and reliability of electrical systems.

The session concluded with a Q&A session, followed by a vote of thanks delivered by Dr. Kiran Raut. All faculty members attended the expert lecture, and students highly appreciated the session conducted by the Department of Electrical Engineering. We extend our sincere gratitude to Dr. Vivek Kapur, Director, GHRCEMN, and Dr. Bhupendra Kumar, HOD, for their support and permission to organize this expert lecture

Glimpses









Skill Training Programme on "Advance Industrial Automation with Practical Session on Siemens PLC & SCADA"

Department of Electrical Engineering, G. H. Raisoni College of Engineering And Management, Nagpur has organized 05 Days Skill Training Programme for the students of Sixth Semester Electrical Engineering Department on "Advance Industrial Automation with Practical Session on Siemens PLC & SCADA" by Maximum Solutions, Nagpur from 10th March 2026 to 14th March 2026.

This activity is coordinated by Mr. Chetan H. Kidile, Assistant Professor, Electrical Engineering Department under the guidance of Dr. Bhupendra Kumar, Head of Electrical Engineering Department and Dr. Vivek Kapur, Campus Director, G. H. Raisoni College of Engineering And Management, Nagpur.

Glimpses of Skill Training Programme on "Advance Industrial Automation with Practical Session on Siemens PLC & SCAD"







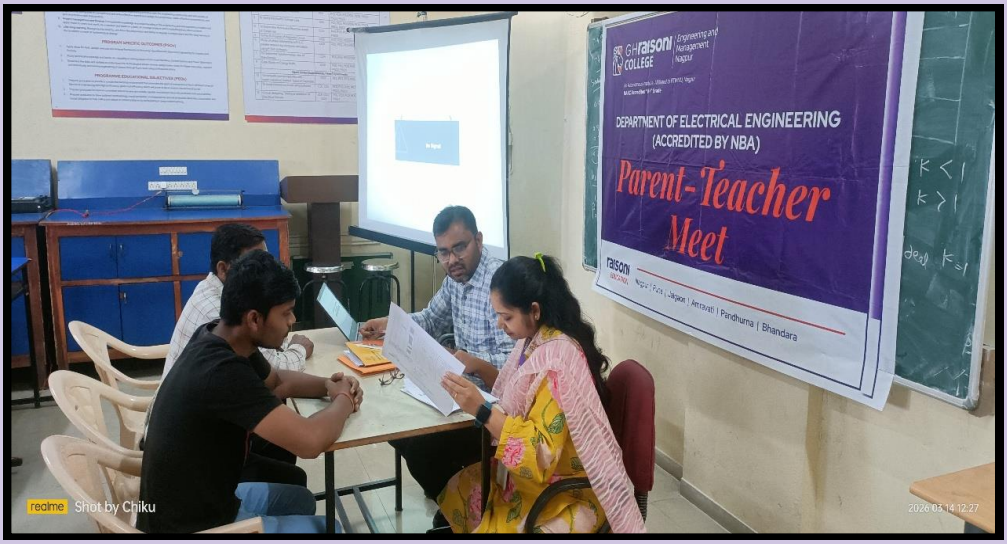


Report on PARENT'S TEACHER MEET

The Parents –Teacher Meeting was organized by Electrical Engineering department for 6th and 4th semester students on 14/03/2026. The Parent –Teacher Meeting is the great opportunity for the parents and teacher to develop a healthy and strong relationship for the holistic development of student. The Parents are invited to know their ward's progress in academics as well as in other co-curricular activities.

Head of department and all faculties along with the 6th and 4th semester students and parents of 06 students were present for PTM. The different parameter has been discussed with the parents such as Student's CAE-I result, their monthly attendance, Teacher-Guardian records, Detention criteria etc. The different queries of parents and students were also discussed and solved by the concerned subject-teachers. Parents were also asked for any other suggestions for the improvement of their ward's performance.

All the faculty members of the department have taken the efforts for smooth conduction of Parent-Teacher Meet. This program was conducted under the guidance of Dr.Vivek Kapur, Campus Director, Shradhha Park, Dr. Achal Shahare Director GHRCMN and Dr.Bhupendra Kumar HOD Electrical Engineering Department.





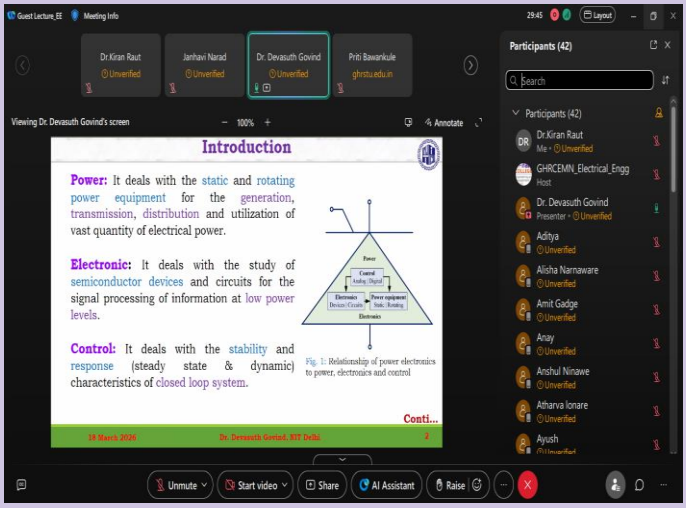
Report of Guest Lecture

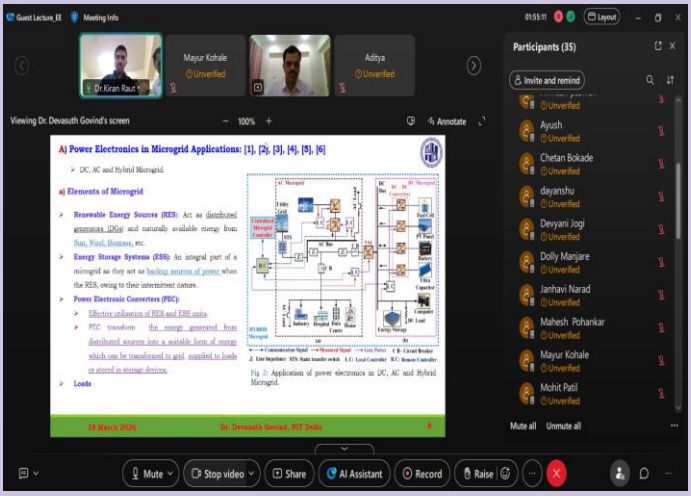
A Guest Lecture on “Power Electronics Applications” was organized by Electrical Engineering Department on 18/03/2026, for 6th semester students. The program commenced with an introduction by Dr.Kiran Raut, Assistant Professor, Electrical Engineering Department.

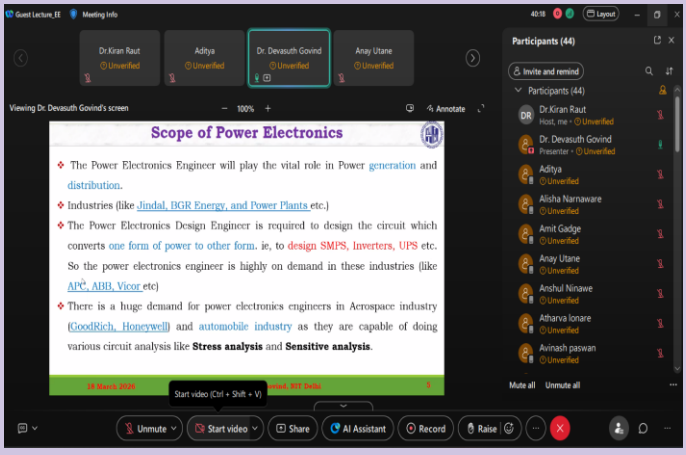
Dr. Govind Devasuth provided a brief overview of the applications of power electronics in the field of electrical engineering. He began with an introduction to power electronic devices, followed by a discussion on the scope of power electronics. He further explained its applications in renewable energy systems, microgrids, and electric vehicles, and highlighted related simulation work.

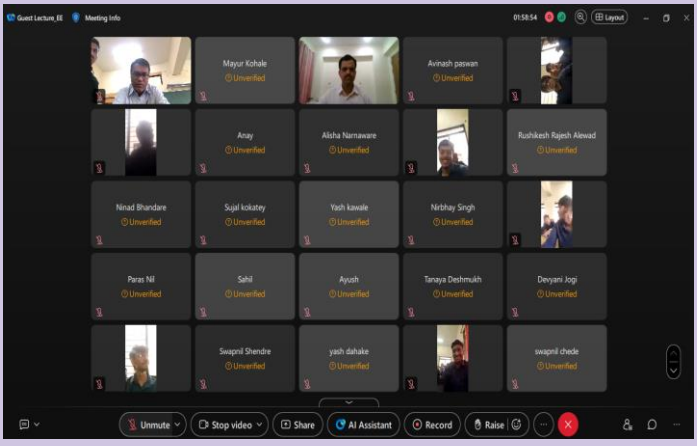
The session concluded with a Q&A session, followed by a vote of thanks delivered by Dr. Kiran Raut. All faculty members attended the expert lecture, and students highly appreciated the session conducted by the Department of Electrical Engineering. We extend our sincere gratitude to Dr. Vivek Kapur, Director, GHRCEMN, and Dr. Bhupendra Kumar, HOD, for their support and permission to organize this expert lecture.

Glimpses









Report of Guest Lecture

A Guest Lecture on “Introduction to Thermal Power Plant” was organized by Electrical Engineering Department on 23/03/2026, for 4th semester students. The program commenced with an introduction by Dr.Kiran Raut, Assistant Professor, Electrical Engineering Department.

Ms. Mrunali Zade delivered an informative guest lecture on the topic “Introduction to Thermal Power Plant for Electricity Generation,” providing students with both fundamental concepts and practical insights. She began the session by explaining the basic block diagram of a thermal power plant, describing key components such as the boiler, turbine, generator, condenser, cooling tower, and feed water system. She further elaborated on the working principle, highlighting how the chemical energy of fuel (coal) is converted into thermal energy, then into mechanical energy, and finally into electrical energy. Vote of thanks delivered by Dr. Kiran Raut. All faculty members attended the expert lecture, and students highly appreciated the session conducted by the Department of Electrical Engineering. We extend our sincere gratitude to Dr. Vivek Kapur, Director, GHRCEMN, and Dr. Bhupendra Kumar, HOD, for their support and permission to organize this expert lecture.

Glimpses







