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

VOLUME-X ISSUE-III NEWSLETTER DATE: 02/10/2024

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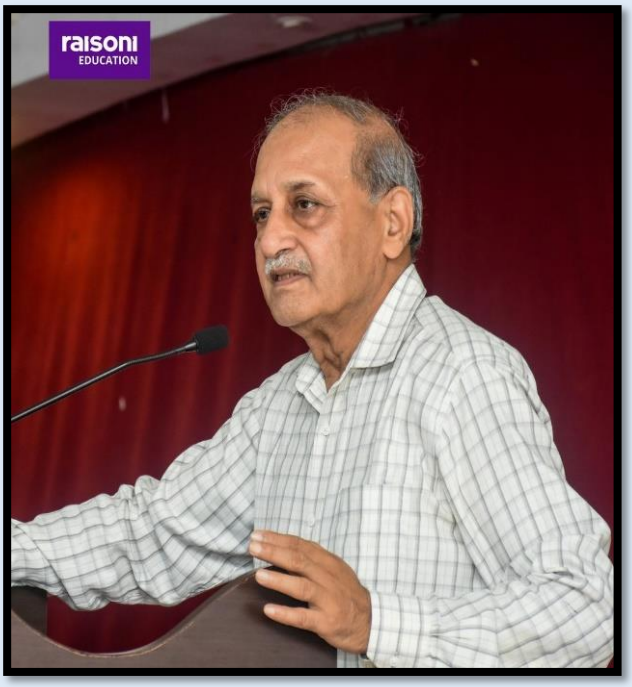
Mr. Shvam Meshram
VIII Sem Electrical

Expert Lecture on "Union Public Service Commission Exam Success: Insight & Advice"

- G. H. Raisoni College of Engineering And Management, Nagpur has organized Expert Lecture for the students of Seventh Semester, Electrical Engineering Department, on "Union Public Service Commission (UPSC) Exam Success: Insight & Advice" by Dr. D. P. Agrawal, Former Chairman of Union Public Service Commission (UPSC) on dated 02nd September 2024 at Polytechnic Auditorium Hall, Block A, 2nd Floor, GHRCEM Nagpur.
- Objective of this Expert Lecture is to aware the students of 7th semester about preparation of UPSC Exam as the UPSC Exam is one of the most competitive exams in India. It is the gateway to a career in the Indian Administrative Service, the Indian Foreign Service, and other prestigious civil services. It is a long and challenging journey, but it is possible to succeed if they are willing to put in the hard work and dedication.
- Dr.D. P. Agrawal, Former Chairman of Union Public Service Commission (UPSC) gives the brief introduction on Preparing for the UPSC Civil Services Exam can be a daunting task, but with the right approach, dedication, and strategic planning, it is possible to achieve your goal of becoming a civil servant.

- UPSC preparation involves forming a well-structured study plan, consistent effort, and a focused approach to succeed in the highly competitive Civil Services Examination. 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, Director, G. H. Raisoni College of Engineering And Management, Nagpur**.**









Report on Sport Carnival Boys Futsal-2024

The Sport carnival 2024 is organised by GH Raisoni College of Engineering & management, Nagpur for entire campus student for all branches. The sport FUTSAL for boys is organised by Electrical Engineering Department under the guidance of departmental Sport In charge Mr. Pawan Kamdi. It is a great opportunity for student as a person experiences a good quality of breathing because of Sports. Sport is certainly an excellent tool to build self-confidence. Playing Sports increases confidence to talk properly.

A sport certainly improves the skills of communicating with others. Improves mind mapping, strategies and concentration level. So, the sports committee of our college put on efforts to develop the students with the help of sports events. The Futsal Boys was organized by Electrical Engineering department for all streams of GHRCEM, Nagpur in between 12th to 14th Sept 2024. Total 16 teams from various streams with 128 players are participated in FUTSAL. Between the 16 teams 15 knock-out matches is played to decide the winner and runner up. Team Artificial Intelligence is Winner and Team Computer Science of Engineering is runner up in FUTSAL-2024.

We hereby extend our gratefulness to Dr. Vivek Kapur, Director, GHRIET and Dr. Bhupendra Kumar, HOD Electrical Engineering & Dr. Ganesh Akhade Sport –Coordinator for permitting us to organise this great sport event. I also thankful to all faculty member from department who help during the event and special thanks to student coordinators who help to conduct such event smoothly.



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Industrial Visit to HVDC Substation Chandpur

Department of Electrical Engineering, G. H. Raisoni College of Engineering and Management, Nagpur has organized industrial visit to **500 KV HVDC Substation Chandrapur** on 14th Sept. 2024. 43 Students from final year, Mr. Chetan Kidile and Mr. Sachin Karare has attended this visit.

The primary objective of the visit was to gain practical insights into HVDC technology, its applications, and operational procedures in the modern power grid. Upon arrival, we were greeted Mr. T Chandrashekhar, the Assistant Engineer, who provided an overview of the facility's operations. The substation is equipped with converter which convert AC power to DC power and vice versa. The group observed the converter stations, which play a crucial role in managing the voltage and current level. Step-up and step-down transformers that facilitate voltage adjustment, ensuring efficient energy transmission. The advanced monitoring and control systems were highlighted, showcasing how real-time data is utilized for optimal performance and maintenance. Authorities of HVDC substation chandrapur has fully co-operated for the successful conduction of this Visit. We are thankful to Mr. Rajesh Sadarang and Mr. T. Chandrashekar for his cooperation towards the successful execution of this visit. This activity is coordinated by Mr. Sachin Karare and Mr. Chetan Kidile under the guidance of Dr.Bhupendra Kumar, Head of Electrical Engineering Dept. and Dr.Vivek Kapur, Director, GHRCEM.



Industrial Visit to HVDC Substation Chandrapur

Department of Electrical Engineering, G. H. Raisoni College of Engineering and Management, Nagpur has organized industrial visit to **500 KV HVDC Substation Chandrapur** on 19th Sept. 2024. 54 Students from 3rd year, Mr. Avinash welankiwar and Mr. Sachin Karare has attended this visit.

The primary objective of the visit was to gain practical insights into HVDC technology, its applications, and operational procedures in the modern power grid. Upon arrival, we were greeted Mr. T Chandrashekhar, the Assistant Engineer, who provided an overview of the facility's operations. The substation

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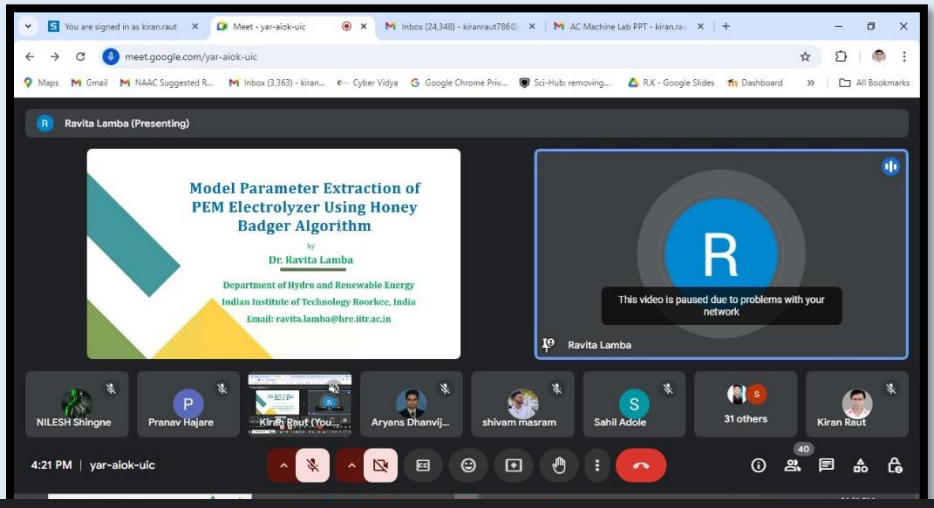
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Report of Guest Lecture

Guest lecture on “Model Parameter Extraction of PEM Electrolyser Using Honey Badger Algorithm” was organised by Electrical Engineering Department on dated 25.09.2024 for the students of 7th smetser of Electrical Engineering Department. Program started with the introduction by Mr.Kiran Raut, Assitant professor of Electrical Engineering Department. Dr.Ravita Lamba has given breif information about bacground of fuel cell. She has given basic information of various type of fuel cell used in electric vehicle. She has given details information Honey Badger Algorithm and mathematical modelling of fuel cell. Lastly she has discussed behaviour of Honey Badger Algorithm. At the end of the session doubt session was conducted. Mr.Kiran Raut has given vote of thanks. All the faculties have attended the expert Lecture.

Students appreciated the expert Lecture conducted by Department of Electrical Engineering. We hereby extend our gratefulness to Dr. Vivek Kapur, Director, GHRCEMN and Dr.Bhupendra Kumar, HOD for permitting us to organise this expert lecture and their support.









Report of Guest Lecture

Guest lecture on “Industrial Application of Electrical Engineering” was organised by Electrical Engineering Department on dated 30-09-2024 for the students of 3rd & 7th smetser of Electrical Engineering Department. Program started with the introduction by Mr. Pawan Kamdi, Assitant professor of Electrical Engineering Department. Mr. Pravin Nagrale, Section Engineer, Nagpur Division, Central Railway, has given breif information uses of Electrical Engineering in industry. He has given the information regarding the changing trends of Electrical Engineering in industry, also given the latest trends which can

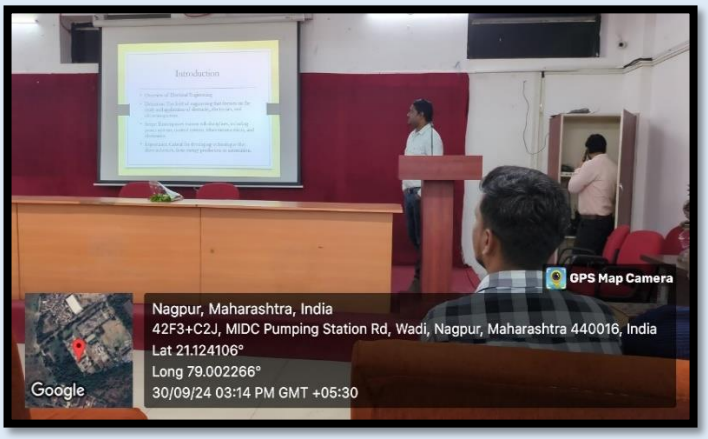




be used in industry like wireless transmission, use of AI. Lastly Mr. Pravin Nagrale guides the student regarding the preparation of GATE exam and government exam. At the end of the session doubt session was conducted. Mr. Pawan Kamdi has given vote of thanks. All the faculties have attended the expert Lecture. Students appreciated the expert Lecture conducted by Department of Electrical Engineering. We hereby extend our gratefulness to Dr. Vivek Kapur, Director, GHRCEMN and Dr.Bhupendra Kumar, HOD for permitting us to organize this expert lecture and their support.











G H Raisoni College of Engineering & Management
(Formerly Known as G H Raisoni Institute of Engineering &Technology, Nagpur)
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