GH raisoni COLLEGE | Engineering and Management Nagpur

(An Autonomous Institute Affiliated to RTMNU, Nagpur)
NAAC Accredited "A+" Grade & NBA

Department of Electronics & Tele-Communication Engineering



Presents

Xplore

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GH raisoni COLLEGE | Engineering and Management Nagpur

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Disclaimer :

The views expressed in the text by various authors are their own and GH Raisoni College of Engineering & Management, magazine team & Management of 'HEARTZ' do not take any responsibility for that

VISION & MISSION OF THE INSTITUTE

VISION

To achieve excellent standards of quality education by keeping pace with rapidly changing technologies and to create technical manpower of global standards with capabilities of accepting new challenges.

MISSION

- Our efforts are dedicated to impart quality and value based education to raise satisfaction level of all stakeholders.
- Our Strength is directed to create competent professionals.
- Our endeavor is to provide all possible support to promote research and development activities.

VISION & MISSION OF THE DEPARTMENT

VISION

To develop professionals to become a valuable resource for industry, possessing a sound social awareness and sense of responsibility through academic excellence in Electronics and Telecommunication Engineering

MISSION

M1: To develop the department into a multi-faceted learning environment supported by adequate facilities, infrastructure, and learning resources.

M2: To provide quality and value-based education to undergraduate students in the field of Electronics and Telecommunication Engineering.

M3: To prepare graduates for industry, higher education, and research by fostering innovation, ethical values, professional skills, and lifelong learning.

Program Educational Objectives (PEOs)

- **PEO1:** Have in-depth knowledge in Electronics and Tele-communication Engineering to Innovate, design and develop modern electronic system
- **PEO2:** Sustain intellectual curiosity in professional carrier through lifelong learning
- **PEO3:** Have strong work ethics, professional attitude, team spirit, leadership skill and enterprising skills to serve industry and society.

Program Specific Outcomes (PSO)

The graduates of the department will attain ability to:

- **PSO1:** Apply, mathematics and Science through differential and integral calculus transform to solve complex Electronics and Telecommunication Engineering problems.
- **PSO2:** Applying modern IT tools for the design and analysis of complex electronics systems.
- **PSO3:** Acquired technical knowledge for qualifying in competitive examinations at various levels.

Programs Outcomes

Engineering Graduates will be able to:

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems
2. **Problem analysis:** Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences
3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
7. **Environment and sustain ability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice
9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multi disciplinary settings
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions
11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments
12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

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Chairman's Message



Shri. Sunil Raisoni
Chairman, RGI

Innovation stands as the cornerstone of progress in today's rapidly evolving world. At RGI, we are deeply committed to continuously enhancing our educational ecosystem to ensure it remains relevant, forward-thinking, and aligned with the dynamic needs of our students, industry partners, and society at large.

Our core objective is to enrich student employability by providing meaningful learning experiences that not only impart knowledge but also cultivate adaptability, creativity, and resilience. Through robust collaborations with industry leaders and corporate partners, we strive to open diverse avenues for our students empowering them to confidently step into successful and fulfilling careers.

At GHRCEMN, our vision extends beyond academic excellence. We aim to play a transformative role in shaping the next generation of global leaders individuals who are intellectually curious, socially responsible, and driven by purpose. We are dedicated to nurturing such talent, and the formation of student forums is a vital step in this journey.

Forums offer students a platform to explore, express, and expand their potential beyond the confines of the classroom. They foster leadership, teamwork, communication, and problem-solving skills qualities essential for success in any professional or personal pursuit. These platforms serve as incubators of innovation and creativity, encouraging students to think independently and act decisively.

To the newly formed forum teams, I extend my heartfelt congratulations and best wishes. Let this forum be a beacon of student initiative and excellence. May you continue to uphold the values of RGI and lead by example, transforming not just your lives, but also making meaningful contributions to your peers, your institution, and the nation.

We believe in your potential and have full faith that you will carry forward the legacy of RGI with dedication, innovation, and impact.

Wishing you great success in all your future endeavors.

Director's Message



Dr. Vivek Kapur
Director, GHRCEM

Education has always stood as the cornerstone of human progress. It is the foundation upon which we build not only our careers but also our character and conscience. It empowers us to lead meaningful lives, shapes our values, and illuminates the path to personal and collective success. At GHRCEM, we have always believed in nurturing students who are not only academically proficient but also socially conscious, creative, and multifaceted.

Our students, with their unwavering vision and innovative spirit, are actively shaping their futures. It fills me with immense pride to see them excelling not just in academics but also in extracurricular activities and social engagements. Their active participation in various domains is a testimony to their well-rounded development and holistic education.

It is especially heartening to observe that our students are defying conventional stereotypes proving that engineers can indeed shine in artistic, cultural, and managerial spheres. They have broken barriers and demonstrated that excellence knows no boundaries. This new forum, with its vibrant team of dedicated members, is a shining example of this spirit.

Their enthusiasm, creativity, and commitment have already started to reflect in the initiatives and ideas they are bringing forward. I am confident that through platforms like this, our students will continue to showcase their talents, explore new horizons, and contribute significantly to the institute's legacy of excellence.

To the team of XPLORE, I extend my heartfelt wishes. May your journey be filled with learning, leadership, and lasting impact. I also offer my sincere blessings to all the students who have come together under this forum. May your efforts continue to uplift the spirit of the institution and inspire many more in the years to come.

Keep dreaming, keep achieving, and keep shining!

HOD's Message



Dr. Devashree Marotkar
Head of the Department

It is with great pride and enthusiasm that I present to you the latest edition of XPLORE, the annual magazine of the Department of Electronics and Telecommunication Engineering. This publication is much more than a collection of articles and ideas it is a celebration of creativity, innovation, and the intellectual spirit that drives our department forward.

In an era where technology is rapidly reshaping the world around us, the role of Electronics and Telecommunication Engineering has become more critical than ever. From the rise of smart systems and 5G networks to advancements in IoT, AI, and embedded technologies, our field stands at the forefront of transformative change. At such a dynamic time, we, as a department, strive not only to keep pace but to lead by fostering an environment that encourages inquiry, critical thinking, and hands-on innovation.

XPLORE serves as a vibrant platform for our students and faculty to showcase their research, projects, ideas, and creative endeavors. It reflects the diverse perspectives and aspirations that make our department a hub of academic excellence and forward-thinking. The magazine's name itself XPLORE captures the essence of what we stand for an unending pursuit of knowledge, a readiness to venture beyond boundaries, and a drive to transform challenges into opportunities.

I extend my heartfelt congratulations to the editorial team, contributors, and everyone who has worked passionately to bring this edition to life. Your commitment and vision are truly commendable.

As we turn the pages of this magazine, may we find inspiration in each story and pride in being part of a department that dares to dream, discover, and deliver.

Editorial Message



Dr. Shubhangini Ugale
Forum In-Charge, ETC Department

As Michael Jordan once said, "Talent wins games, but teamwork and intelligence win championships." This quote perfectly captures the spirit and dedication of the XPLORE team.

I extend my heartfelt appreciation to all XPLORE members for their incredible teamwork, dedication, and hard work in compiling the content for this magazine. From collecting photographs to gathering reports and data, every effort made by the team has contributed to making this magazine a true reflection of the vibrant and dynamic activities of our department.

This edition presents a comprehensive glimpse into the academic year 2024–25, capturing a wide array of activities, achievements, poems, creative works, and various reports that highlight the talent and enthusiasm of our students and faculty alike.

I would also like to express my sincere gratitude to all my colleagues who supported the XPLORE team throughout this journey. A special note of thanks goes to Dr. Vivek Kapur, Director, GHRCEM, and Dr. Devashree Marotkar, Head of the ETC Department, for their continuous guidance, encouragement, and unwavering support. Their leadership and motivation played a pivotal role in bringing this magazine to life.

To all the readers, thank you for being part of this journey. I hope you enjoy exploring the pages of this magazine and take pride in the accomplishments of our forum.

Happy Reading!

Faculties of ETC Department

Sr. No.	Name of Guide	Area of Specialization
1	Dr. Devashree Marotkar	Wireless Communication
2	Dr. Swati Dixit	VLSI
4	Dr. Sanket Kasturiwala	Image and Video Processing, IoT, Electronics Product Designing
5	Dr. Shubhangini Ugale	Image and Video Processing
6	Prof. Priyanka Chopkar	Image Processing, VHDL, Wireless Communication, Machine Learning
7	Prof. Prajakta Upadhye	Wireless Communication, Analog VHDL Design
8	Prof. Sucheta Raut	Wireless Sensor Network
9	Prof. Swati Hadke	VLSI, Image & Video Processing
10	Prof. Purushottam Chawke	VLSI Design
11	Prof. Vishal Jaiswal	VLSI, Communication
12	Prof. Ashish Katole	Image Processing, Embedded System

HEARTZS Committee Members 2024-25

Sr. No.	Name of Student	Semester	Position
1	Devkumar Haladkar	7th Sem	President
2	Meet Dhaneja	5th Sem	Vice President
3	Preet Vishwakarma	5th Sem	Secretary
4	Pratik Raut	5th Sem	Treasurer
5	Devarsh Parshuramkar	3rd Sem	Joint Secretary
6	Harshada Surkar	3rd Sem	Asst. Treasurer
7	Maithili Hasoriya	3rd Sem	Member
8	Labhpreet Juneja	3rd Sem	Member
9	Pratham Shendre	3rd Sem	Member
10	Atharva Kulkarni	3rd Sem	Member
11	Sanika Khairwar	7th Sem	Member
12	Pawan Shingane	7th Sem	Member
13	Umang Gayki	5th Sem	Member
14	Vedant Thawari	5th Sem	Member
15	Rishikesh Pandit	5th Sem	Member
16	Devyani Belsare	5th Sem	Member
17	Aditi Meshram	5th Sem	Member
18	Veena Narnaware	5th Sem	Member

Photography Club Members 2024-25

Sr. No.	Name of Student	Semester	Position
1	Nirmal Zade	5th sem	President
2	Sudhanshu Sawarkar	5th sem	Vice President
3	Rishabh Chuhan	5th sem	Secretary
4	Sujal Sapkal	5th sem	Treasurer
5	Pratham Shendre	3rd sem	Joint Secretary
6	Maithili Hisoriya	3rd sem	Joint Treasurer

Achievements 2024-25

Sr. No.	Name of Student	Name of Award / Achievement
1	Mr. Ayush Sarodey 4th Semester	1st Position in CodeHunt Hackathon Cash Prize of Rs. 10,000/-
2	Ms. Anushka Ashtankar 6th Semester	3rd Position in Tagline /Slogan Competition organized by District Election Office, Nagpur.







Sr. No.	Name of the Student	Name of the Event	State/National/ International level	Date of Event	Award
1	Sahil Sadawarti	Project Competition	National	16/04/2025	Participation
2	Janvi Shende	SEBI Investor Awareness Test	National	01/04/2025	Pass
3	Aditya Padole	SEBI Investor Awareness Test	National	31/03/2025	Pass
4	Pratham Shendre	ROBO SOCCER	National	12/02/2025.	Participation
5	Anushka Ashtankar	Slogan competition	State level	03/12/2024	Third prize
6	Prajwal P. Deshmukh	ANVESHAN-25	National	07/03/2025	Participation
7	Shruti D. Manohare	ANVESHAN-25	National	07/03/2025	Participation
8	Sushma S. Yadav	ANVESHAN-25	National	07/03/2025	Participation
9	Riya S. Katheriya	ANVESHAN-25	National	07/03/2025	Participation
10	Vedashri P. Palyadwar	ANVESHAN-25	National	07/03/2025	Participation
11	Aryan Pathak	ANVESHAN-25	National	07/03/2025	First Prize
12	Aryan Gomase	ANVESHAN-25	National	07/03/2025	First Prize
13	Atharva Gandhe	ANVESHAN-25	National	07/03/2025	First Prize
14	Ayush Dongre	ANVESHAN-25	National	07/03/2025	First Prize
15	Manvi Zararia	ANVESHAN-25	National	07/03/2025	Participation
16	Prajwal Bhakare	ANVESHAN-25	National	07/03/2025	First Prize
17	Kanak Shende	ANVESHAN-25	National	07/03/2025	Participation
18	Mitanshu Ijankar	ANVESHAN-25	National	07/03/2025	Participation
19	Prajwal Lakadkar	ANVESHAN-25	National	07/03/2025	Participation
20	Pratik Kishor Satokar	ANVESHAN-25	National	07/03/2025	Participation
21	Shiwani Manapure	ANVESHAN-25	National	07/03/2025	Participation
22	Shruti S. Paspunurwar	ANVESHAN-25	National	07/03/2025	Participation
23	Hiteshwari Rewatkar	Pratikruti-25	National	25/02/2025	Participation
24	Roshani Uikey	Pratikruti-25	National	25/02/2025	Participation
25	Shrushti Badole	Pratikruti-25	National	25/02/2025	Participation
26	Prachi Bawistale	Pratikruti-25	National	25/02/2025	Participation
27	Anjali Ananta Bhoyar	Pratikruti-25	National	25/02/2025	Participation
28	Arushi Rodge	Pratikruti-25	National	25/02/2025	First Prize
29	Akasnha Gaigawali	Pratikruti-25	National	25/02/2025	First Prize
30	Jayesh Sakure	Pratikruti-25	National	25/02/2025	First Prize
31	Deeshant Wavarkar	Pratikruti-25	National	25/02/2025	First Prize
32	Kuldeep Bhure	Pratikruti-25	National	25/02/2025	First Prize

Publications in National / International Conferences by Faculty Session (2024-25) MOOC CERTIFICATION

Semester-8th			Subject: MOOC			Subject Code: UECL427		
Sr. No	Name of Student	Subject	Assignment Score (out of 25)	Exam Score (out of 75)	Final Score (out of 100)	Total Marks (out of 75)	Pass or Fail	Certificate Status
1	Abhijit Muralidhar Khadase	Public Speaking	22.81	39.75	62.56	47	Pass	Elite
2	Akanksha Dilip Gaigawali	Public Speaking	24.38	39	63.38	48	Pass	Elite
4	Aniket Poonam Khadgi	Public Speaking	22.69	39	61.69	47	Pass	Elite
10	Ayush Ashok Warokar	Public Speaking	22.19	42.75	64.94	49	Pass	Elite
11	Ayush Dongre	Public Speaking	23.63	39.38	63.01	48	Pass	Elite
15	Devkumar Gajanan Haladkar	Public Speaking	22.06	39.75	61.81	47	Pass	Elite
16	Dipesh Krushana-rao Bobade	Public Speaking	21.75	41.25	63	48	Pass	Elite
23	Kanak Milind Shende	Public Speaking	22.19	41.25	63.44	48	Pass	Elite
25	Mitanshu Prakash Ijankar	Public Speaking	22.19	39.75	61.94	47	Pass	Elite
27	Nikita Avinash Chhapparghare	Public Speaking	23.75	36.75	60.5	46	Pass	Elite
28	Om Waman Kondekar	Public Speaking	23.31	37.5	60.81	46	Pass	Elite
29	Pawan Ishwar Shingane	Public Speaking	23.31	39.75	63.06	48	Pass	Elite
30	Prajwal Krushna-rao Bhakare	Public Speaking	23	37	60	45	Pass	Elite
33	Pranay Raju Wardhekar	Public Speaking	24.38	39.75	64.13	49	Pass	Elite
34	Pratik Kishor Satokar	Public Speaking	22.38	37.75	60.13	46	Pass	Elite
38	Sadichha Dinesh Sonak	Public Speaking	20.5	41.25	61.75	47	Pass	Elite
39	Sahil Sharad Wankar	Public Speaking	23.13	47.25	70.38	53	Pass	Elite
40	Sakshi Pundlik Sakharkar	Public Speaking	24.06	38.25	62.31	47	Pass	Elite
42	Sanika Ravi Khairwar	Public Speaking	23.31	39.75	63.06	48	Pass	Elite
43	Saurabh Kailash Wankhede	Public Speaking	22.5	42	64.5	49	Fail	Elite
44	Shiwani Hemant Manapure	Public Speaking	23.5	37.5	61	46	Fail	Elite
46	Shruti Dhiraj Manohare	Public Speaking	24.47	42.75	67.22	51	Pass	Elite
47	Shrutika Ishwar-singh Chauhan	Public Speaking	24.38	36	60.38	46	Pass	Elite
48	Sneha Ravindra Kolte	Public Speaking	22.69	39	61.69	47	Pass	Elite
49	Snehal Suresh Nimgade	Public Speaking	22.5	37.75	60.25	46	Pass	Elite
51	Vedashri Pramod Palyadwar	Public Speaking	21.75	40.5	62.25	47	Pass	Elite
52	Vrushali Vinod Rahate	Public Speaking	22.19	43.5	65.69	50	Pass	Elite
53	Yash Prashant Tidke	Public Speaking	22.53	37.5	60.03	46	Pass	Elite
54	Yash Rajesh Kale	Public Speaking	21.97	38.5	60.47	46	Pass	Elite
56	Prachi Ratanlal Bawistale	Public Speaking	23.47	39	62.47	47	Pass	Elite
58	Deeshant Dipak Wavarkar	Public Speaking	21.56	40.5	62.06	47	Pass	Elite

Sr. No	Title of Paper	Name of Author	Name of Conference	National/ International	Year of Publication	ISBN/ ISSN Number	Place of Confer-ence
1	By Implementing Supercapacitors Converting an Electric Vehicles into Hybrid Vehicles	Mr. Purushottam Chawke	International Conf. on Information & Education Innovations (ICEI-24)	International	Oct.2024	ISSN: 2349-6002 Volume: 11 Issue: 5	Society for Education, Nagpur
2	Fuzziness based Multimodal 1 Semi-supervise Learning for Alzheimer Diseases Diagnosis.	Dr. Sanket Kasturiwala	2nd International Conference On Emerging Trends in Engineering and in medical Science. (ICETEMS 2024)	International	Nov-24	ISBN: 979-8-3315-2935-2	YCCE Nagpur
3	An In-Depth Empirical Evaluation of Routing Protocols In Wireless Sensor Networks	Ms. Sucheta Raut	2nd International Conference On Trends In Material Science And Manufacturing Engineering (ICTMSME 2024) (AIP)	International	Nov 2024	//Doi.Org/ 10.1063/ 12.0032495	GHRCEM Nagpur
4	Traffic Surveillance System through Capsule Gated Graph Attention Network for IoT / IIoT Cyberthreat Detection and Mitigation	Dr. Devashree Marotkar	International Conference on Machine Learning and Autonomous Systems (ICMLAS -2025)	International	March 2025	ISBN: 979-8-3315-0574-5	Prawet, Thailand

NPTEL Certification Session 2024-25

Sr. No	Name of faculty	Course Name	Duration	Result
1	Dr. Sanket B Kasturiwala	Electronic Systems Design: Hands-On Circuits and PCB Design with CAD Software	Jul-Oct 2024	Elite + Silver
2	Ms. Priyanka Chopkar	Machine Learning and Deep Learning - Fundamentals and Applications	Jul-Oct 2024	Elite
3	Ms. Sucheta Raut	Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications	Jul-Oct 2024	Elite + Silver
4	Ms. Prajakta Upadhye	Simulation of Communication Systems Using MATLAB	Jul-Oct 2024	Successfully completed
5	Mr. Purushottam Chawke	Simulation of Communication Systems Using MATLAB	Jul-Oct 2024	Successfully completed
6	Mr. Vishal Jaiswal	Microwave Engineering	Jul-Oct 2024	Successfully completed
7	Dr. Swati Dixit	The Science of Happiness and Wellbeings	Aug-Oct 2024	Successfully completed
8	Dr. Devashree Marotkar	Enhancing Soft Skills and Personality	Feb-April 2025	Elite + Silver
9	Dr. Swati Dixit	Enhancing Soft Skills and Personality	Feb-April 2025	Elite + Silver

Skill Training Program / Workshop for Students

Sr. No	Name of Workshop	Date	Semester/Year
1	Skill Training Program on "Embedded IoT and PCB Design"	8th July to 12th July 2024	2nd Year
2	Skill Training Program on "Advance Embedded IoT"	15th July to 20th July 2024	3rd Year
3	"PCB Designing and Soft Skills"	6th January 2025 to 10th January 2025	3rd year
4	Skill Training Program on "Drone and Embedded System for Drones"	6th January 2025 to 10th January 2025	2nd year
5	Two-Day Value-added Program on Augmented & Virtual Reality at GHRCEM, Nagpur	February 24th and 25th, 2025	2nd year and 3rd year

Skill Training Program on "Embedded IoT and PCB Design"

Electronics & Telecommunication Engineering Department of G. H. Raisoni College of Engineering & Management, Nagpur had organised Five days Students skill training program on "Embedded IoT and PCB Design" from 8th July to 12th July 2024 for B. Tech. 2nd year (ETC) Students. Total 60 Students had attended and benefited from this skill training program.

Training session is conducted by Mr. Sandeep Sonaskar Sir Director of EART TECHNOLOGIES (OPC) PRIVATE LIMITED, Nagpur. In this training sessions, they cover introduction to Embedded system, Online simulator on Basics of electronics components, Introduction and installation of ESP32 board, Communication Protocol, Thingspeak cloud server, PCB Design, Practice, Project Construction and various examples on the mentioned topics.

The Skill Training Program was concluded with a question answering session. At the end of training session feedback was taken. This training program was successfully coordinated by faculty in charges Ms. Swati Hadke & Dr. Sanket Kasturiwala from Department of Electronics & Telecommunication Engineering under the able guidance of Dr. Devashree Marotkar, HOD, ETC Department & Dr. Vivek Kapur, Director, GHRCEM, Nagpur.





Glimpses of Skill Training Sessions

Skill Training Program on "Advance Embedded IoT"

Electronics & Telecommunication Engineering Department of G. H. Raisoni College of Engineering & Management, Nagpur had organised Five days Students skill training program on "Advance Embedded IoT" from 15th July to 20th July 2024 for B. Tech. 3rd year (ETC) Students. Total 59 Students had attended and benefited from this skill training program.

Training session is conducted by Mr. Sandeep Sonaskar Sir Director of EART TECHNOLOGIES (OPC) PRIVATE LIMITED, Nagpur. In this training sessions, they cover introduction and installation of ESP32 board, ESP32 Bluetooth, BLYNK, Thingspeak cloud server, PHP Script, Practice, Project Construction and various examples on the mentioned topics.

The Skill Training Program was concluded with a question answering session. At the end of training session feedback was taken. This training program was successfully coordinated by faculty in charges Ms. Swati Hadke & Dr. Sanket Kasturiwala from Department of Electronics & Telecommunication Engineering under the able guidance of Dr. Devashree Marotkar, HOD, ETC Department & Dr. Vivek Kapur, Director, GHRCEM, Nagpur.









Glimpses of Skill Training Sessions

Skill Training Program on "PCB Designing and Soft Skills"

Electronics & Telecommunication Engineering Department of G. H. Raisoni College of Engineering & Management, Nagpur had organised Five days Students skill training program on "PCB Designing and Soft Skills" from 6th January 2025 to 10th January 2025 for B. Tech. 3rd year (ETC) Students. Total 63 Students had attended and benefited from this skill training program.

Training session is conducted by Mr. Sandeep Sonaskar Sir Director of V S Informatics PRIVATE LIMITED, Nagpur. In this training sessions, they cover introduction to PCB Designing concepts, Electronic design Automation, Design of schematic of Relay module on EasyEDA, Job opportunities in core electronics, Resume making and various examples on the mentioned topics.

The Skill Training Program was concluded with a question answering session. At the end of training session feedback was taken. This training program was successfully coordinated by faculty in charges Ms. Swati Hadke & Dr. Sanket Kasturiwala from Department of Electronics & Telecommunication Engineering under the able guidance of Dr. Devashree Marotkar, HOD, ETC Department & Dr. Vivek Kapur, Director, GHRCEM, Nagpur.









Glimpses of Skill Training Sessions

Skill Training Program on "Drone and Embedded System for Drones"

Electronics & Telecommunication Engineering Department of G. H. Raisoni College of Engineering & Management, Nagpur had organised Five days Students skill training program on "Drone and Embedded System for Drones" from 6th January 2025 to 10th January 2025 for B. Tech. 2nd year (ETC) Students. Total 67 Students had attended and benefited from this skill training program.

Training session is conducted by Mr. Manish Morya Sir Director of Makxenia Engineering Resourse PRIVATE LIMITED, Nagpur. In this training sessions, they cover Type of Drones as per the construction, Aerodynamics of Quadcopter, Motor selection for Drones, Flight controller and its working, Future Scope and Drone companies in India and various examples on the mentioned topics.

The Skill Training Program was concluded with a question answering session. At the end of training session feedback was taken. This training program was successfully coordinated by faculty in charges Ms. Swati Hadke & Dr. Sanket Kasturiwala from Department of Electronics & Telecommunication Engineering under the able guidance of Dr. Devashree Marotkar, HOD, ETC Department & Dr. Vivek Kapur, Director, GHRCEM, Nagpur.





Two-Day Value added Program on Augmented & Virtual Reality at GHRCEM, Nagpur

A two-day training program on "Augmented Reality & Virtual Reality" was successfully conducted on February 24th and 25th, 2025 at GH Raisoni College of Engineering & Management (GHRCEM), Nagpur. The workshop was organized by the ETC and CSE Departments in association with Dnnovate Technologies Pvt. Ltd., Pune, under the Center of Excellence AR-VR Lab. Mr. Anay Moharil and Ms. Sanjana Nagdive, Senior Game Developer were the experts for this workshop.

The workshop witnessed active participation



Glimpses of Augmented Reality & Virtual Reality Training Program

from over 55 students and faculty members, who enthusiastically engaged in learning about the latest advancements in Augmented Reality (AR) and Virtual Reality (VR) technologies.

The training program covered various key topics, including :

- Unity Introduction and Basic Practical
- Introduction to Augmented Reality and its Applications
- Hands-on Demonstration of Augmented and Virtual Reality Implementation

The workshop provided an excellent platform for participants to gain hands-on experience in cutting-edge AR-VR technologies, enhancing their technical skills and understanding of real-world applications.

The event was conducted under the guidance of Dr. Vivek Kapur (Director, GHRCEM, Nagpur), Dr. Sonali Ridhorkar (HoD, CSE), Dr. Devashree Marotkar (HoD, ETC), and co ordinated by Mr. Sarvesh Warjurkar and Dr. Sanket Kasturiwala,

The initiative received an overwhelming response from students and faculty members, emphasizing the growing importance of immersive technologies in shaping the future of education and industry.

Seminar / Expert Lecture for Students

Sr. No.	Name of Topic
1	Introduction to Semiconductors
2	Expert lecture on AI's Impact on Future Careers: Opportunities for Engineering Professionals
3	Expert lecture on Discrete Time Fourier Transform (DTFT) and Discrete Fourier Transform
4	Latest Trends in Optical Communication and Career Opportunities in Telecom Sector
5	Placement Orientation Program
6	Expert Lecture on topic " ADCs and DACs using Op.Amp"
7	Expert Lecture on topic "Digital Filters
8	Expert Lecture on topic "Timer / Counter Programming for 8051 Microcontroller

Seminar on : "Introduction to Semiconductors" Report

Industry: siliconmetasystems — Explicit awareness of semiconductor

Bangaluru, Karnataka.

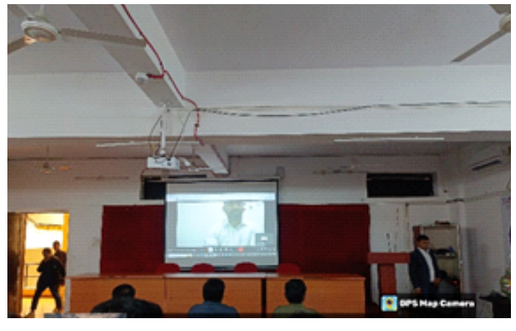
Experts: 1) Shishir Bondre & 2) Ravi Kumar.

Date: 13/01/2025
Time: 01:00 pm - 3:00pm

Objectives:

- To make aware students about latest trends in Semiconductor Industry.
- To share the knowledge about chip level fabrication technology using semiconductors.
- To motivate students to turn their future approach toward core electronics.








Glimpses of Skill Training Sessions

Expert lecture on AI's Impact on Future Careers: Opportunities for Engineering Professionals

Department of Electronics & Telecommunication Engineering of G H Raisoni College of Engineering and Management, Nagpur has organized expert lecture on AI's Impact on Future Careers: Opportunities for Engineering Professionals on 3/07/2024 by expert Mr. Ajinkya Nikhade, AI AJ Technocrats for students of Electronics and Telecommunication department.

The program was commenced by welcome speech by Ms. Falguni Bolakhe. Expert delivered lecture on AI's role in shaping careers, Skills for the future, Navigating the job Market, Entrepreneurship and AI, Maximizing Benefits from ChatGPT, Problem Solving and Prototyping, Technical Documentation and code generation, Learning and Research, Collaboration and Communication. He guided students how to search the job using LinkedIn and how company select unique resume.

The session was coordinated by Dr. Shubhangini Ugale. Under the guidance of Dr. Vivek Kapur, Director of GHRCEM and Dr. Devashree Marotkar, HOD of Electronics and Telecommunication department.






Online Expert Lecture on "Spread Spectrum Methods & OFDM" Organized by ETC department for students of 5th Semester GHRCEM, Nagpur

Online expert lecture was organized on 27/09/2024 by Department of Electronics and Telecommunication Engineering for students of 5th Semester ETC at GHRCEM, Nagpur. The lecture was on Digital Communication subject which was conducted online on Webex. The lecture was delivered by Dr. Sourabh Solanki working as an Assistant Professor at National Institute of Technology, Warangal in the Department of Electronics and Communication Engineering. This lecture helped the students to understand the various concepts regarding Spread Spectrum Methods and OFDM, during the session sir has covered topic such as PN Sequence, Direct Sequence Spread Spectrum, Frequency Hopping and OFDM and its multiplexing techniques and applications The expert lecture concluded with a question answering session, during which the expert Dr. Sourabh Solanki had addressed all the queries asked by the attendees. Total 50 students were present in the session. Students also learned immensely from the information and expertise provided by the expert. Feedback has taken from the students and its impact analysis gives the satisfactory results. Students requested to have such more session in the future. Mr. Purushottam Y. Chawke coordinated this expert lecture under the guidance of Dr. Devashree Marotkar, Head of Dept. ETC and Dr. Vivek Kapur, Director of GHRCEM, Nagpur.




Online Expert Lecture on Discrete Time Fourier Transform (DTFT) and Discrete Fourier Transform Organized by ETC department for Students of 3rd Semester GHRCEM, Nagpur

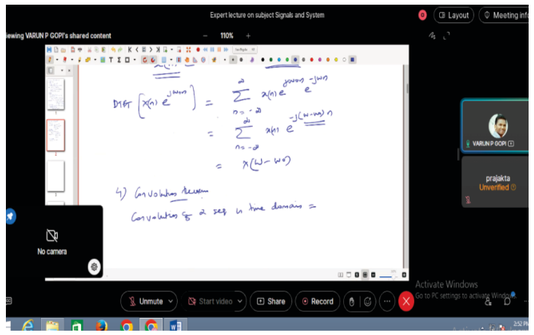
Online expert lecture was organized on 8/10/2024 by Department of Electronics and Telecommunication Engineering for students of 3 rd ETC at GHRCEM, Nagpur. The lecture was on Signals & System subject which was conducted online on Webex. The lecture was delivered by Dr. Varun P. Gopi working as an Assistant Professor at NIT – Tiruchirappalli in the Department of Electronics and

Communication Engineering. This lecture helped the students to understand the various concepts regarding Discrete Fourier Transform and Discrete Time Fourier Transform, during the session sir has covered topic such as DFT & DTFT and properties of DFT and DTFT.

The expert lecture concluded with a question answering session, during which the expert Dr. Varun P. Gopi has addressed all the queries asked by the attendees. Total 56 students were present in the session.

Students also learned immensely from the information and expertise provided by the expert. Feedback has taken from the students and its impact analysis gives the satisfactory results. Students requested to have such more session in the future.

Ms. Prajakta Upadhye coordinated this expert lecture under the guidance of Dr. Devashree Marotkar, Head of Dept. ETC and Dr. Vivek Kapur, Director of GHRCEM, Nagpur





A Report on Expert Lecture : “Latest Trends in Optical Communication and Career Opportunities in Telecom Sector”

Department of Electronics & Telecommunication Engg. Organized a Guest Lecture for the Final Year/7th Sem students on “Latest Trends in Optical Communication and Career Opportunities in Telecom Sector” on 8th October 2024 (Tuesday) at Class Room 303. This topic is based on the curriculum of Final year 7th sem subject of Optical Communication. An expert Mr. Lochan Keote, Assistant General Manager, FTTH, BSNL, Nagpur was invited for delivering a lecture. During his lecture, he explained various recent technologies used in fiber optic communication system. He also touched various communication protocols used in optical communication system.

In the second part of lecture, he also explored various career as well as internship opportunities in Telecom sector and motivated students about demand of Electronics Engineer in upcoming industries.

Total 70 students were present for this lecture. At last online feedback were collected for a lecture.







Placement Orientation Program is organised at Department of Electronics and Telecommunication Engineering in GHRCEM, Nagpur.

Placement Orientation Program is organised on 08/04/2025 for 6th semester ETC students. The session was conducted by Mr. Gurpal Singh, Dean-Industry Relations, RGI and Mr. Tejas Khumbhare, Placement Officer GHRCEMN.

During the session, Mr. Gurpal Singh interacted with the students to understand their career goals and provided insights into the technical and non-technical industries. He discussed the various job options available to the students and how to choose the best-fit job with the right skill sets. He accentuated the perceptions related to the industry.

He also shared career growth ideas and explained how to follow one’s passion for the right career choice. He emphasized the importance of thinking like a professional and preparing for job interviews. He discussed the package, brand, location, and job role as essential factors in job selection.

The session covered important topics related to placement rounds, job roles, communication skills, and aptitude. The students were motivated and encouraged to focus on their vision and mission to become successful individuals. The session also included information on the placement policy, superset registration and internship. The experts stressed the importance of CGPA and suggested that students aim for a minimum of 7 CGPA as companies prefer it over a rounded-off 6.9 CGPA.

The session concluded with students expressing their satisfaction in having their doubts cleared and gaining insights into the industry and career growth. Around 61 students have attended the session.

Mr. Vishal Jaiswal coordinated this program under the guidance of Dr. Devashree Marotkar, Head of Dept. ETC and Dr. Vivek Kapur, Director of GHRCEMN.





Placement Orientation Program on 08/04/2025

Expert Lecture on topic " ADCs and DACs using Op.Amp" for the course Analog Integrated Circuits organized by E &TC department for students of 4th Semester E & TC, GHRCEM, Nagpur





Expert lecture was organized on 21/03/2025 by Department of Electronics and Telecommunication Engineering for students of 4th Semester E & TC at GHRCEM, Nagpur in Room No.B-303. The lecture was on the course Analog Integrated Circuits. The topic of the expert lecture was "ADCs and DACs using Op.Amp".

The lecture was delivered by Dr. Pradnya Ghare, Assistant Professor at VNIT, Nagpur in Electronics and Communication Engineering Department. This lecture helped students to understand the internal circuit and working of different types of ADCs, DACs & their applications.

The expert lecture concluded with a question answer session, during which the expert Dr. Pradnya Ghare addressed all the queries asked by the students. Total 61 students were present in the session. Students also learned immensely from the information and expertise provided by the expert. Feedback has taken from the students and its impact analysis gives the satisfactory results. Students requested to have such more session in the future.

Dr. Swati Dixit, Course Teacher and Ms. Priyanka Chopkar, Event Coordinator coordinated this expert lecture under the guidance of Dr. Devashree Marotkar, Head of Dept. E & TC and Dr. Vivek Kapur, Director of GHRIETN.

Expert Lecture on "Digital Filters" Organized by ETC department for students of 6th Semester GHRCEM, Nagpur

An expert lecture was organized on 29/03/2025 by Department of Electronics and Telecommunication Engineering for students of 6th Semester ETC/IT at GHRIET, Nagpur. The lecture was on Digital Signal Processing subject which was conducted in an offline mode.

The lecture was delivered by Ms. Minal Ghute working as an Assistant Professor in Electronics and Communication Engineering Department at YCCE, Nagpur. This lecture helped students to understand the various concepts regarding Digital Filter Design, during the session madam has covered topic such as Bilinear Transformation, Matched Z-Transformation, Butterworth Approximation, Chebyshev, FIR filters design Methods-Windowing, Hamming & Kaiser. etc.

The expert lecture concluded with a question answering session, during which the Ms. Minal Ghute madam has addressed all the queries asked by the attendees. Total 110 students were present in the session. Students also learned immensely from the information and expertise provided by the expert. Feedback has taken from the students and its impact analysis gives the satisfactory results. Students requested to have such more session in the future.

Ms. Swati Hadke & Ms. Sucheta Raut coordinated this expert lecture under the guidance of Dr. Devashree Marotkar, Head of Dept. ETC and Dr. Vivek Kapur, Director of GHRIETN.









Expert Lecture on "Timer / Counter Programming for 8051 Microcontroller" for the course Microcontroller & Applications organized by E & TC Department for students of 4th Semester E & TC, GHRCEM, Nagpur

The Department of Electronics and Telecommunication Engineering, GHRCEM, Nagpur, organized an expert lecture on 24th March 2025, for 4th Semester E&TC students. The session was conducted in Room No. B-303 and focused on the topic "Timer/Counter Programming for the 8051 Microcontroller."

The lecture was delivered by Dr. Vishal Panchbhai, Assistant Professor, PCE, Nagpur, from the Department of Electronics and Telecommunication Engineering. He provided students with a comprehensive understanding of timer/counter functionalities, their significance, and programming techniques in the 8051

microcontrollers.

The session concluded with an engaging question answer segment, where expert addressed student's queries, further solidifying their understanding of the topic. A total of 74 students actively participated and gained valuable insights from the expert's knowledge and experience. Student feedback was collected, and its impact analysis indicated a highly positive response, with students requesting more such sessions in the future.

The event was successfully coordinated by Ms. Priyanka Chopkar, Course Teacher, under the esteemed guidance of Dr. Devashree Marotkar, Head of the E&TC Department, and Dr. Vivek Kapur, Director of GHRIETN.





Internship

Type of Internship	No. of Students
6 Month Industry Internship	64
1 Month Industry Internship	73
15 Days NGO Internship	5

Six Month Industry Internship 2024-25

Sr. No.	Name of Student	Company Name
1	Abhijit Muralidhar Khadase	Kinetic Electric Motors Co. PVT. LTD., Pune
2	Akanksha Dilip Gaigawali	Savycode Pvt. Ltd., Nagpur
3	Angha Bharat Kamdi	Kinetic Electric Motors Co. PVT. LTD., Pune
4	Aniket Poonam Khadgi	Hitachi Solutions India Pvt. Ltd., Pune
5	Anjali Ananta Bhoyar	ClariTech Solution , Pune
6	Arushi Mukesh Rodge	Softratna Technologies Pvt. Ltd., Nagpur
7	Aryan Akhlesh Pathak	Swastik Electrotech Automation,Pune
8	Aryan Sunil Gomase	Swastik Electrotech Automation,Pune
9	Atharva Nagesh Gandhe	Swastik Electrotech Automation,Pune
10	Ayush Ashok Warokar	Capgemini, Pune
11	Ayush Dongre	Maharashtra Remote Sensing Application Centre, Nagpur
12	Bhakti Nilesh Sarode	Makxenia Engineering Resources PVT.LTD, Nagpur
13	Bhupesh Prabhakar Sunchuwar	Informatrix IT Solutions PVT. LTD., Nagpur
14	Chandresh Vinod Banode	SKYSIA TECHNOLOGY PVT.LTD,Nagpur
15	Devkumar Gajanan Haladkar	Swastik Electrotech Automation,Pune
16	Dipesh Krushanarao Bobade	Makxenia Engineering Resources PVT.LTD, Nagpur
17	Dishant Bhayyaji Nikhade	PROTONSHUB Technology PVT LTD,Indore
18	Himanshu Sunil Khanorkar	Informatrix IT Solutions PVT. LTD., Nagpur
19	Himanshu Vasant Askar	Informatrix IT Solutions PVT. LTD., Nagpur
20	Hiteshwari Sanjay Rewatkar	HITECH POWER SERVICES, Nagpur
21	Jitendra Dnyaneshwar Mate	Kinetic Electric Motors Co. PVT. LTD., Pune
22	Kalyani Sunil Parate	Kinetic Electric Motors Co. PVT. LTD., Pune
23	Kanak Milind Shende	Softratna Technologies Pvt. Ltd., Nagpur
24	Manvi Anil Zararia	Yoshita Technical Services,Pune
25	Mitanshu Prakash Ijankar	Informatrix IT Solutions PVT. LTD., Nagpur
26	Nikhil Vinay Thakre	Yoskies Aviation Centre,Pune
27	Nikita Avinash Chhapparghare	Yoshita Technical Services,Pune
28	Om Waman Kondekar	Orangebits Software Technologies PVT LTD., Nagpur
29	Pawan Ishwar Shingane	Tecxtra Technology Pvt. Ltd.,Nagpur
30	Prajwal Krushnarao Bhakare	Swastik Electrotech Automation,Pune
31	Prajwal Pandurang Deshmukh	TEK Pyramid,Bengalore
32	Prajwal Vinayak Lakadkar	PROTONSHUB Technology PVT LTD,Indore
33	Pranay Raju Wardhekar	Maharashtra Remote Sensing Application Centre, Nagpur
34	Pratik Kishor Satokar	Movidu Technology PVT. LTD.,Bengaluru
35	Riya Satish Katheriya	ICEICO Technologies Pvt. Ltd., Nagpur
36	Rohan Shankapal Mankar	PROTONSHUB Technology PVT LTD,Indore
37	Roshani Vinod Uikey	Tecxtra Technology Pvt. Ltd.,Nagpur
38	Sadichha Dinesh Sonak	Kinetic Electric Motors Co. PVT. LTD., Pune
39	Sahil Sharad Wankar	Maharashtra Remote Sensing Application Centre, Nagpur
40	Sakshi Pundlik Sakharkar	TATA Motors Passenger Vehicle, Pune
41	Samiksha Prabhakar Wadaskar	Yoshita Technical Services,Pune
42	Sanika Ravi Khairwar	Tecxtra Technology Pvt. Ltd.,Nagpur
43	Saurabh Kailash Wankhede	Maharashtra Remote Sensing Application Centre, Nagpur
44	Shiwani Hemant Manapure	Softratna Technologies Pvt. Ltd., Nagpur
45	Shrushti Ankush Badole	TEK Pyramid,Bengalore
46	Shruti Dhiraj Manohare	Indoor System Solutions Pvt. Ltd., Nagpur
47	Shrutika Ishwarsingh Chauhan	S.M.Technologies Pvt. Ltd. Nagpur
48	Sneha Ravindra Kolte	ASW Technology Pvt. Ltd., Nagpur
49	Snehal Suresh Nimgade	Swastik Electrotech Automation,Pune
50	Sushma Surendra Yadav	ICEICO Technologies Pvt. Ltd., Nagpur
51	Vedashri Pramod Palyadwar	Tecxtra Technology Pvt. Ltd.,Nagpur

Sr. No.	Name of Student	Company Name
52	Vrushali Vinod Rahate	Hitachi Solutions India Pvt. Ltd., Pune
53	Yash Prashant Tidke	Maharashtra Remote Sensing Application Centre, Nagpur
54	Yash Rajesh Kale	SKYSIA TECHNOLOGY PVT.LTD,Nagpur
55	Kuldeep Kushal Bhure	PROTONSHUB Technology PVT LTD,Indore
56	Prachi Ratanlal Bawistale	TEK Pyramid,Bengalore
57	Jayesh Sanjay Sakure	PROTONSHUB Technology PVT LTD,Indore
58	Deeshant Dipak Wavarkar	PROTONSHUB Technology PVT LTD,Indore
59	Prajwal Suresh Thakare	ASW Technology Pvt. Ltd., Nagpur
60	Rohit Satyanarayan Singrol	ASW Technology Pvt. Ltd., Nagpur
61	Samir Ashok Pihul	Informatrix IT Solutions PVT. LTD., Nagpur
62	Shruti Subhash Paspunurwar	Softratna Technologies Pvt. Ltd., Nagpur
63	Yash Prashant Khare	Yoshita Technical Services,Pune
64	Pranay Sunil Wakode	BBPL Aero PVT. LTD., Gurgaon

One Month Industry Internship

Sr. No.	Name of Student	Company Name
1	Yash Rajesh Kale	Vinar Ispat Ltd., Nagpur
2	Sneha Kolate	Ckuriosity Web Technology, Nagpur
3	Shrutika Chouhan	Ckuriosity Web Technology, Nagpur
4	Himandhu Prakash Krupal	AD Enterprizes, Nagpur
5	Prajwal Thakare	Yogesh Khapekar (YRK Control), Nagpur
6	Sujal Ghode	Arcon Powertrans Pvt. Ltd, Nagpur
7	Riya Katheriya	Maharashtra Remote Sensing application Center, Nagpur
8	Vedashri Paliyadwar	Maharashtra Remote Sensing application Center, Nagpur
9	Roshani Ukey	Maharashtra Remote Sensing application Center, Nagpur
10	Manavi Zarariya	Maharashtra Remote Sensing application Center, Nagpur
11	Vrushali Rahate	Mineral Exploration and Consultancy ltd, Nagpur
12	Aniket Khadagi	Mineral Exploration and Consultancy ltd, Nagpur
13	Bhushan Khandal	Jawaharlala Neharu Aluminium Research Development & Design centre, Nagpur
14	Sudhanshu Sawalkar	Congnifyz, Nagpur
15	Rishabh Chouhan	Congnifyz, Nagpur
16	Abha Hatzade	Ashok Layland, Nagpur
17	Awanti Dumbhare	
18	Utkarsha SaKure	
19	Roshani Premshankar Upadhey	Adani Cement & ACC Chanda, Cemend work, Nakoda, Ghughus, Maharashtra
20	Rutuja Ambildhuke	Congnifyz, Nagpur

Sr. No.	Name of Student	Company Name
21	Nirmal Sandip Zade	Congnifyz, Nagpur
22	Meet Dhaneja	Z-Transform Pvt. Ltd Nagpur.
23	Vaibhavi Mahajan	InternPe,Jaipur,Rajsthan
24	Shweta Singh	InternPe,Jaipur,Rajsthan
25	Yashashri Khedkar	InternPe,Jaipur,Rajsthan
26	Vaibhavi Thote	InternPe,Jaipur,Rajsthan
27	Vaishali Jogi	InternPe,Jaipur,Rajsthan
28	Astha Kalambe	Solar Industries India Limited, Nagpur
29	Roshani Premshankar Upadhey	Adani Cement & ACC Chanda, Cemend work, Nakoda, Ghughus, Maharashtra
30	Rishikesh Pandit	The Website Maker,Nagpur.
31	Ayush Ashok Warokar	InternPe, Nagpur
32	Akansha Gaigawali	Govt. of India Ministry of Sciences, India Metrological department, Nagpur
33	Sanika Khairwar	Govt. of India Ministry of Sciences, India Metrological department, Nagpur
34	Pawan Shingane	Govt. of India Ministry of Sciences, India Metrological department, Nagpur
35	Saurabh Wankhede	Govt. of India Ministry of Sciences, India Metrological department, Nagpur
36	Yash Tidake	Govt. of India Ministry of Sciences, India Metrological department, Nagpur
37	Devkumar Haladkar	Govt. of India Ministry of Sciences, India Metrological department, Nagpur
38	Sahil Wankar	Govt. of India Ministry of Sciences, India Metrological department, Nagpur
39	Pranay Wardhekar	Govt. of India Ministry of Sciences, India Metrological department, Nagpur
40	Arushi Rodge	Govt. of India Ministry of Sciences, India Metrological department, Nagpur
41	Shruti Paspunurwar	Intern Certify
42	Kanak Shende	Intern Certify
43	Anjali Bhoyar	Intern Certify
44	Rohit Singrol	Circuitcy Technology, Nagpur
45	Shiwani Manapure	Intern Certify
46	Prajwal Lakadkar	Intern Certify
47	Bhupesh Sunchuwar	Intern Certify
48	Himanshu Askar	Intern Certify
49	Himanshu Khanorkar	Intern Certify

Sr. No.	Name of Student	Company Name
50	Mitanshu Ijankar	Intern Certify
51	Snehal Nimgade	Codsoft, Nagpur
52	Anushka Ashtankar	Skysia Technology Pvt. Ltd.,Nagpur.
53	Neha Bhanarkar	Skysia Technology Pvt. Ltd.,Nagpur.
54	Sujal Jaiswal	Skysia Technology Pvt. Ltd.,Nagpur.
55	Vedant Thawari	Skysia Technology Pvt. Ltd.,Nagpur.
56	Ashwini Sarode	V S Informatics PVT. LTD, Nagpur
57	Ayurshi Moudekar	V S Informatics PVT. LTD, Nagpur
58	Dewyani Date	V S Informatics PVT. LTD, Nagpur
59	Kartik Raut	V S Informatics PVT. LTD, Nagpur
60	Kartik Vasake	V S Informatics PVT. LTD, Nagpur
61	Pari Borkar	V S Informatics PVT. LTD, Nagpur
62	Rishi Borkar	V S Informatics PVT. LTD, Nagpur
63	Jayant Bhoyar	V S Informatics PVT. LTD, Nagpur
64	Aastha Kalambhey	V S Informatics PVT. LTD, Nagpur
65	Devyani Belsare	V S Informatics PVT. LTD, Nagpur
66	Divya Kalamkar	V S Informatics PVT. LTD, Nagpur
67	Himanshu Krupal	V S Informatics PVT. LTD, Nagpur
68	Maitree Pazare	V S Informatics PVT. LTD, Nagpur
69	Preet Vishwakarma	V S Informatics PVT. LTD, Nagpur
70	Rishikesh Pandit	V S Informatics PVT. LTD, Nagpur
71	Aditi Meshram	V S Informatics PVT. LTD, Nagpur
72	Roshani Upadhyay	V S Informatics PVT. LTD, Nagpur
73	Shahadab Karim Sheik	V S Informatics PVT. LTD, Nagpur

15 Days NGO Internship

Sr. No.	Name of Student	Company Name
1	Pranay Wakode	HEEDS Foundation
2	Nagraj Pazare	Green Leader Foundation
3	Yash Rajesh Kale	Pandit Dindayalji Upadhaya, Antoday Foundation, Wardha
4	Sumit Barai	Stray Guardians Forever
5	Samyak Shende	Saving Dreamz Foundation, Nagpur

Project and Publication 2024-25

Group No.	Roll No.	Name of Student	Project Title	Journal / Conference	Name of Guide
G1	1	Abhijit Muralidhar Khadase	An Autonomous Anti-Collision Flexi-Charge Winged Rover	International Journal of Innovative Research In Technology | IJIRT | Volume 11 Issue 6 | November 2024 ISSN: 2349-6002 (446-449) (UGC Approved)	Ms. Sucheta Raut
	4	Angha Bharat Kamdi			
	23	Jitendra Dnyaneshwar Mate			
	29	Nikhil Vinay Thakre			
	43	Sadichha Dinesh Sonak			
	1	Abhijit Muralidhar Khadase	An Autonomous Anti-Collision Flexi-Charge Winged Rover	3rd International Conf. on Robotics, Control, Automation & Artificial Intelligence (RCAAI2024) organized by MIT, Manipal & MNIT, Jaipur on 14th to 16th Oct. 2024.	
	4	Angha Bharat Kamdi			
	23	Jitendra Dnyaneshwar Mate			
	29	Nikhil Vinay Thakre			
	43	Sadichha Dinesh Sonak			
G2	5	Aniket Poonam Khadgi	Design & Modelling of Power-Shifting Circuit for Hybrid Power Generation in Rural Area	International Journal of Innovative Research In Technology | IJIRT | Volume 11 Issue 5 | October 2024 ISSN: 2349-6002 (2149-2152) (UGC Approved)	Dr. Ravi Mishra
	17	Devkumar Gajanan Haladkar			
	27	Manvi Anil Zararia			
	32	Pawan Ishwar Shingane			
	47	Sanika Ravi Khairwar			
	60	Vrushali Vinod Rahate			
G3	14	Bhakti Nilesh Sarode	Cloud Kitchen Invertory System	International Journal of Scientific Research and Engineering Trend (IJSRET), Vol. 10 Issue 5, Sept-Oct 2024. ISSN:2395-566X (2271-2273) PIF:2.504. SCIF:3.24	Mr. Vishal Jaiswal
	18	Dipesh Krushanarao Bobade			
	30	Nikita Avinash Chhapparghare			
	52	Shrutika Ishwarsingh Chauhan			
	53	Sneha Ravindra Kolte			
G4	36	Pranay Raju Wardhekar	Smart Hybrid Electric Vehicle Using Supercapacitor	International Journal of Innovative Research In Technology | IJIRT | October 2024,Volume 11 Issue 5 | ISSN: 2349-6002 (1581-1585) (UGC Approved)	Mr. Purushottam Chawke
	44	Sahil Sharad Wankar			
	46	Samiksha Prabhakar Wadaskar			
	48	Saurabh Kailash Wankhede			
	62	Yash Prashant Tidke			

Group No.	Roll No.	Name of Student	Project Title	Journal / Conference	Name of Guide
	36	Pranay Raju Wardhekar	By Implementing Supercapacitors Converting an Electric Vehicles into Hybrid Vehicles	International Conf. on Information and Education Innovations (ICEI-24) by Society for Education on 26th Oct.2024 at Nagpur.	
	44	Sahil Sharad Wankar			
	46	Samiksha Prabhakar Wadaskar			
	48	Saurabh Kailash Wankhede			
	62	Yash Prashant Tidke			
G5	24	Kalyani Sunil Parate	Accident Prevention of BOXN Wagon Train	International Journal of Scientific Research in Science, Engineering and Technology (IJSRSET), Volume 11, Issue 5Sept-Oct-2024. Print ISSN -2395-1990, Page Number :265-270 PIF:2.504. SCIF:3.24	Dr. Sanket Kasturiwala
	45	Sakshi Pundlik Sakharkar			
	68	Prajwal S. Thakare			
	70	Samir A. Pihul			
	72	Yash P. Khare			
G6	25	Kanak Milind Shende	Scan Vend: QR Enabled Vending Machine	TIJER - Internaational Research Journal October 2024, Volume 11, Issue 10 ISSN:2349-9249 (501-504) Impact factor 8.57.	Ms. Swati Hadke
	28	Mitanshu Prakash Ijankar			
	35	Prajwal Vinayak Lakadkar			
	37	Pratik Kishor Satokar			
	49	Shiwani Hemant Manapure			
	71	Shruti S. Paspunurwar			
G7	34	Prajwal P. Deshmukh	Solar Powered Crop Protection System	International Journal of Innovative Research In Technology | IJIRT | Volume 11 Issue 5 | October 2024 ISSN: 2349-6002 (1548-1555)	Ms. Priyanka Chopkar
	40	Riya Satish Katheriya			
	51	Shruti Dhiraj Manohare			
	54	Snehal Suresh Nimgade			
	55	Sushma Surendra Yadav			
	58	Vedashri Pramod Palyadwar			
G8	8	Aryan Akhlesh Pathak	Automated Medicine Reminder Box	International Journal of Science, Engineering and Technology, (IJSET) ISSN (Online): 2348-4098, 2024.12:5	Ms. Prajakta Upadhye
	9	Aryan Sunil Gomase			
	11	Atharva Nagesh Gandhe			
	13	Ayush Dongre			
	31	Om Waman Kondekar			
	33	Prajwal Krushnarao Bhakare			
G9	12	Ayush Ashok Warokar	Smart Park : Innovating the Future of Vehicle Parking	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 08 Issue: 11 | Nov - 2024 SJIF Rating: 8.448 ISSN: 2582-3930 © 2024, IJSREM | www.ijsrem.com Impact Factor:8.448	Dr. Shubhangini Ugale
	15	Bhupesh Prabhakar Sunchuwar			
	16	Chandresh Vinod Banode			
	19	Dishant Bhayyaji Nikhade			
	20	Himanshu Sunil Khanorkar			
	21	Himanshu Vasant Askar			

Group No.	Roll No.	Name of Student	Project Title	Journal / Conference	Name of Guide
	12	Ayush Ashok Warokar	Smart Park : Innovating the Future of Vehicle Parking	TIJER - International Research Journal October 2024, Volume 11, Issue 10 ISSN:2349-9249 (647-652) Impact factor 8.57.	
	15	Bhupesh Prabhakar Sunchuwar			
	16	Chandresh Vinod Banode			
	19	Dishant Bhayyaji Nikhade			
	20	Himanshu Sunil Khanorkar			
	21	Himanshu Vasant Askar			
G10	2	Akanksha Dilip Gaigawali	IoT Based Agricultural Monitroing System	International Journal of Innovative Research In Technology | IJIRT | Volume 11 Issue 6 | November 2024 ISSN: 2349-6002 (1489-1494-55) (UGC Approved)	Dr. Davashree Marotkar
	6	Anjali Ananta Bhoyar			
	7	Arushi Mukesh Rodge			
	64	Kuldeep Kushal Bhure			
	66	Jayesh Sanjay Sakure			
	67	Deeshant D. Wavarkar			
G11	22	Hiteshwari Sanjay Rewatkar	Power generation system for mobile charging	International Journal of Innovative Research In Technology | IJIRT | Volume 11 Issue 6 | October 2024 ISSN: 2349-6002 (51-55) (UGC Approved)	Dr. Swati Dixit
	42	Roshani Vinod Uikey			
	50	Shrushti Ankush Badole			
	65	Prachi Ratanlal Bawistale			
G12	41	Rohan Shankapal Mankar	Crash and DUI Evidence Collector using Arduino Mega 2560	International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 08 Issue: 11 | Nov - 2024 SJIF Rating: 8.448 ISSN: 2582-3930 © 2024, IJSREM | www.ijsrem.com Impact Factor:8.448	Mr. Purushottam Chawke
	63	Yash Rajesh Kale			
	69	Rohit S. Singrol			
	36	Pranay Wakode			
	41	Yash Khadakkar			

Alumni Interaction

Sr. No.	Name of Student	Currently Working in
1	Ms. Shefali Pawar	Cognizant, Hyderabad as a Associate Software Engineer.
2	Mr. Mukesh Kamble	Eclinical works as a Software Specialist.
3	Mr. Aditya Meshram	Viact as a Web dev and Design consultant.
4	Ms. Ashwini Shelke	Infosys as a Senior Process Technical Executive, Pune.
5	Ms. Palak Kedhiya	NexaNova as a Application Developer.

Glimpses of Alumni Interaction







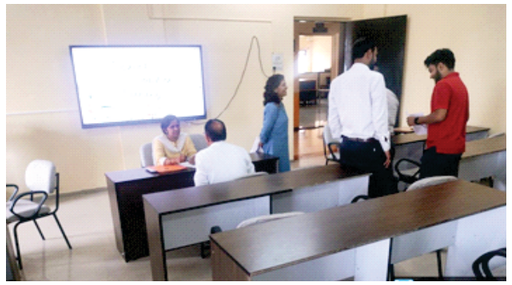
Report on Parent-Teacher Meeting

Parent-Teacher Meeting in the current academic session 2024-25 odd semester was conducted on, 24th August, 2024 at 11:00 a.m. for the 3rd, 5th and 7th semester Electronics & Telecommunication Engineering students. Total 27 parents were attended the meet.

The main aim of the meet was to discuss the performance of students with their parents. Parents were given feedback on their ward's performances in CAE- I Exam. Students those who were in detention list were strictly instructed to improve their attendance. The progress report as well as attendance status shown to the parents and their suggestions were noted.

It was a great interaction between the teachers and the parents for the development of their children where they discussed both the strengths and areas of improvements.

The PTM came to an end with the conclusion that joint effort, mutual understanding and co-operation of parents and teachers is very important for the proper nourishment and progress of students. Parents appreciated the efforts taken by the department to enhance the overall teaching learning process.



Glimpses of Parent-Teacher Meeting

The Parent-Teacher Meeting (PTM) for the 4th and 6th semester students of the Electronics & Telecommunication Engineering department was held on 1st March, 2025, at 11:00 a.m. A total of 32 parents attended the meeting.

The primary objective of the meeting was to discuss students' academic performance and provide feedback on their progress in the CAE-I Exam. Parents were informed about their ward's performance, and students on the detention list were strictly advised to improve their attendance. Individual progress reports and attendance records were shared with the parents, and their suggestions were duly noted.

The meeting fostered constructive interaction between teachers and parents, focusing on both students' strengths and areas for improvement. The discussion emphasized the significance of collaborative efforts, mutual understanding, and cooperation between parents and teachers in ensuring the holistic development of students. Parents appreciated the department's initiatives to enhance the overall teaching-learning process.






Glimpses of Parent-Teacher Meeting

The PTM was successfully conducted by Class In-Charge and subject faculty members Dr. Shubhangini Ugale, Ms. Priyanka Chopkar, Ms. Prajakta Upadhye, Ms. Swati Hadke, Mr. Purushottam Chawke, Mr. Vishal Jaiswal and Ms. Sucheta Raut under the guidance of Dr. Devashree Marotkar, Head of the E&TC Department, and Dr. Vivek Kapur, Director, GHRCEM, Nagpur.




Glimpses of CR's Meeting

Industrial Visit

Sr. No.	Name of Industry	Semester	Date of Visit	Number of Students
1	Maharashtra Remote Sensing Application Center (MRSAC) Nagpur	VII	12/07/2024	42
2	Regional Meteorological Center (RMC) Nagpur	V	23/09/2024	57
3	Hi-Tech Resistor, Hingna, Nagpur	III	05/10/2024	35
4	Maharashtra Metro Rail Corporation (Metro Bhavan) Nagpur	VI	25/03/2025	49
5	Lokmat Printing Press Butibori, Nagpur	IV	12/04/2025	57

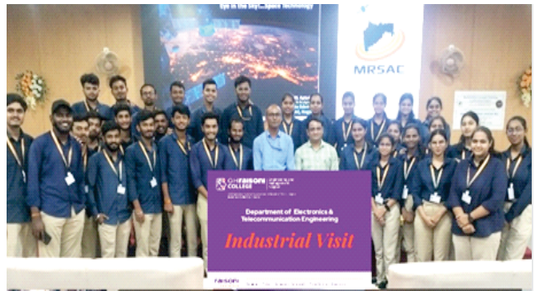
Industrial Visit Report at MRSAC Nagpur

Department of Electronics and Telecommunication Engineering, GHRIET Nagpur had organized One Day Industrial Visit at Maharashtra Remote Sensing Application Center (MRSAC) Nagpur on dated 12/07/2024 for 7th semester ETC students.

MRSAC is a well-established premier institution and recognized as one of the best State Centre in Natural Resource Monitoring and Management by offering innovative, effective and optimal solution. MRSAC is a “Nodal Agency” for developing a Maharashtra Geo-Spatial Digital Database System-(MGDDS) for Govt. of Maharashtra and works in coordination with Planning Department, GoM. The Centre is keeping in pace with cutting-edge technology in the field of RS-GIS, GPS, 3D-technology, Radar, Lidar, Web-GIS, Cloud Computing. Now the Centre has highly specialized dedicated computer labs as 3D-Photogrammetry lab, Drone data processing Lab, Web-portal and web-site generation lab. The objective of this visit was to gain how satellite data is processed and this data used in the various applications and also used for well-being societies and farmers.

Total 42 Students from 7th semester were present for this industrial visit. This industrial visit benefitted students for their overall development. Industrial visit in-charge Mr.P.Chawke and Mr.V.Jaiswal worked hard for success of the visit under guidance Dr. Devashree Marotkar HOD, ETC Engg. Department. Dr.Vivek Kapur Director GHRIET provided all necessary support for the visit.


















Maharashtra Metro Rail Corporation (Metro Bhavan), Nagpur

The Department of Electronics and Telecommunication Engineering, GHRCEM, Nagpur, organized a one-day visit to the Maharashtra Metro Rail Corporation Ltd. (MAHA-METRO) on March 25, 2025, for 6th-semester ETC students.

MAHA-METRO, a Special Purpose Vehicle (SPV), is a 50:50 jointly owned company of the Government of India and the Government of Maharashtra. The organization aims to create an energy-efficient Metro Rail System of international standard, enhancing the quality of life for Nagpur's citizens.

During the visit, students gained valuable insights into the latest technologies and signal processing techniques used in Metro Rail transportation. The visit was attended by 49 students from the 6th semester.

Notably, MAHA-METRO has achieved a Guinness World Record for the longest double-decker viaduct on Wardha Road.

This industrial visit was an enriching experience for our students, contributing to their overall development and providing a unique perspective on the latest technologies in Metro Rail transportation.

The industrial visit was a huge success, thanks to the tireless efforts of Mr. P. Chawke and Mr. V. Jaiswal, under the guidance of Dr. Devashree Marotkar, HOD, ETC Engineering Department. Dr. Vivek Kapur, Director, GHRCEMN, provided all necessary support for the visit.





Activities under "XPLORE FORUM" are as follows

Sr. No.	Name of Activity Conducted
1	ISR Activity
2	Forum Installation
3	Teachers Day Celebration
4	Tug of War Competition
5	Reel Competition
6	Quiz Competition
7	Sketching Competition

ISR Activity at Sharda Mahila Vidyalaya on 27/07/2024

Student forum HEARTZS of Electronics & Telecommunication Department, GHRCEM organized ISR activity at Sharda Mahila Vidyalaya, Nagpur on 27/07/2024 with permission of Dr. Vivek Kapur, Director, GHRCEM, Nagpur and Dr. Devashree Marotkar, HOD, ETC Department. This activity explored technical activities among young generation. The Idea behind this Institute Social Responsibility (ISR) activity is to enlighten the primary, secondary & higher secondary school students with different aspects that they face in their daily life or may face in future. These aspects includes computer awareness program, career guidance, how to make mini model etc. After each session members of HEARTZ asked question to students those students who answered the question appreciated by distributing prizes. All faculties of school appreciate HEARTZS members for their involvement in technical activity. They also congratulate the whole HEARTZ committee and told them to keep replicating good work as they did here. At the end of day HEARTZ committee gave gifts to every student of school as token of love. This ISR activity was conducted by members of HEARTZ under supervision of Dr. Shubhangini Ugale and Mr. Vishal Jaiswal, HEARTZ Faculty In-charge of ETC department.












HEARTZ -2024 Forum Inaugural ceremony organized by Department of ETC, G H Raisoni College of Engineering and Management, Nagpur

The Department of Electronics and Telecommunication Engineering at G.H. Raisoni College of Engineering and Management (GHRCEM), Nagpur, successfully conducted an inaugural ceremony of HEARTZ – 2024.

This event not only underscored the importance of student forum but also demonstrated the value of modest platform to showcase technical as well as extra-curricular skills.

The function was inaugurated by chief guest Mr. Sanjay Apturkar, Assistant Scientist, MRSAC, Dr Vivek Kapur Sir, Director, GHRCEM, Nagpur, Dr Devashree Marotkar Ma'am, Head of the Department Electronics and Telecommunications Engineering, GHRCEM Nagpur.

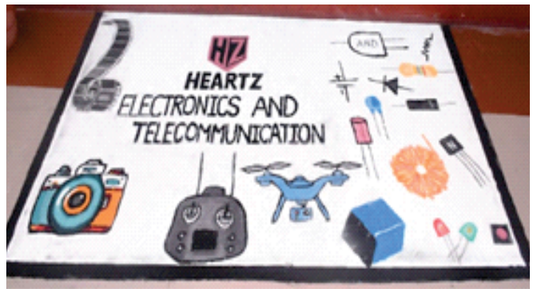
Dr. Shubhangini Ugale Forum in-charge HEARTZ committee, ETC dept. GHRCEM Nagpur.

Mr. Sanjay Apturkar, Assistant Scientist, MRSAC, addressed the gathering, emphasizing the importance of practical knowledge & value of various skills. Dr. Vivek Kapur, Director of GHRCEM, spell the beans on increasing demand and importance of skilled engineers. Dr. Devashree Marotkar Ma'am, delivered the preamble & idea behind student's forum which provide opportunities to achieve the overall development of students. Dr. Shubhangini Ugale Ma'am gave the insights regarding various activities conducted under the forum.

The inauguration concluded with a Vote of Thanks presented by Mr. Devkumar Haladkar, president, HEARTZ committee, 2024.

The event saw the participation of around 181 students. The success of this event was made possible through the support of Shri. Sunilji Raisoni, Chairman of the Raisoni Group, and Shri. Shreyas Raisoni, Executive Director of the Raisoni Group.

The event concluded on a high note with the distribution of certificates, badges and medals to all the office bearers & academic as well as extracurricular student achievers.





















Teacher's Day Celebration























Report on Sport Carnival Boys & Girls Tug of War-2024

The Sport carnival 2024 is organised by G H Raisoni College of Engineering and management, Nagpur for entire campus student for all branches. The sport Tug of War for boys and girls is organized by Electronics and Telecommunication Engineering Department.

The Tug of War event is characterized by a display of strength and teamwork. In this game, you demonstrate strength by pulling the rope, and you also create faith in your teammates that they will get you through. This is a sport in which two teams compete against each other in a test of strength.

There were 6 teams from boys and 8 team from girls. Each team has 8 members in their team. Team MBA/MCA is winner and team Artificial Intelligence is runner up from Boys whereas Team BBA/BCCA is winner and team Artificial Intelligence is runner up from Girls.

Ms. Prajakta Upadhye & Mr. Vishal Jaiswal coordinated this sport under the guidance of Dr. Devashree Marotkar, Head of Dept. ETC. We hereby extend our gratefulness to Dr. Vivek Kapur, Director, GHRECM, Nagpur, Dr. Devashree Marotkar, Head of Dept. ETC and Dr. Ganesh Akhade Sport –Coordinator for permitting us to organize this sport . We appreciate the assistance of departmental staff and student coordinators in ensuring a successful event.



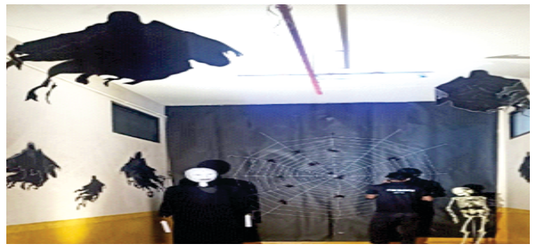





Glimpses of Quiz and Painting Competition

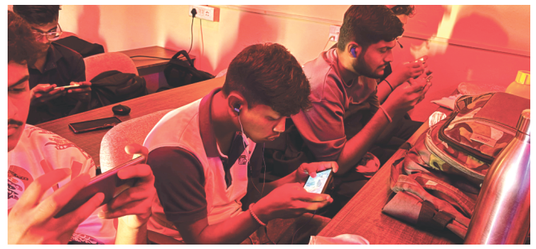
PRAGYOTSAV

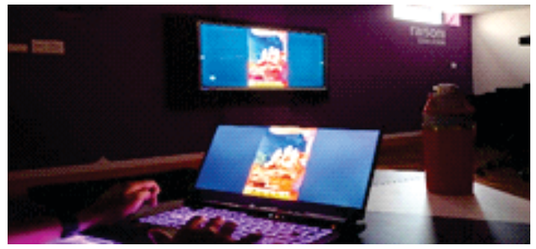
Sr No	Name of Event	Beneficiary Students
1	Robo Race Competition	6 Teams from various colleges
2	LAN Gaming (BGMI)	30 Teams from various colleges
3	Project Competition	25 Teams from various colleges
4	Pitch Deck Competition	7 Teams from various colleges
5	Reel Making Competition	25 Teams from various colleges












LAN GAMING –BGMI

The LAN GAMING-BGMI Competition was organized under the PRAGYOTSAV 2025 (National Lvel Technical Fest) on 16/4/25 & 17/4/25 at 11.00 AM in Room No 303 for the academic year 2024-25. Total 30 Teams of various colleges had participated in the event.

Overall 104 students participated in the event.

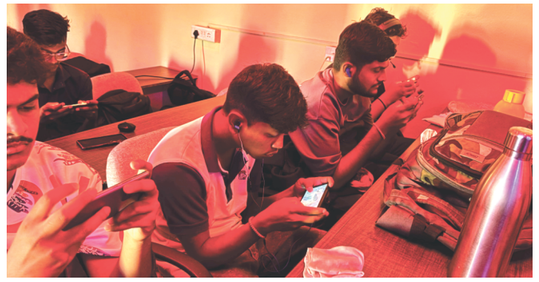
Winners were declared as follows:

- First Prize Winners : Mohd.Ashar Raza, Akshad Gupta, Nikhil Singh, Utkarsh Chaudhari
- Second Prize Winners: Vedant Khorgade, Shamit Kale, Chaitanya Mane

Ms. Prajakta Upadhye coordinated this event under the guidance of
Dr. Devashree Marotkar, HOD ETC and
Dr. Vivek Kapur, Director of GHRCEM









Event: Project Competiton Report Objective of the Event: Date: 17/04/2025

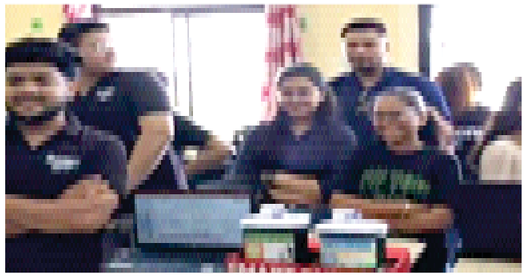
The objective of the Project Competition was to provide a platform for all the students to showcase their innovative projects and practical solutions in the field of electronics engineering. It aimed to encourage creativity, problem-solving, and presentation skills among students. Description of the Event: The event began at 11:00 AM with an inaugural ceremony graced by the presence of Chief Guest Dr. Vishal Panhabhai, Assistant Professor, Priyadarshini College of Engineering, Nagpur. Prof. G. B. Gawali, G H Raisoni College of Engineering and Management, Polytechnic, Nagpur, HOD, ETC, Dr. Devashree Marotkar, Pragyotsav-25 coordinator Ms. Swati Hadke and Ms. Priyanka Chopkar, Event Coordinator Dr. Sanket Kasturiwala. The ceremony was followed by project presentations and demonstrations by the students. A total of 25 project teams from various institutions participated in the competition, displaying a wide range of projects related to IoT, Embedded Systems, Communication, Robotics, and Automation. Each team was evaluated based on the criteria of innovation, technical knowledge, execution, and presentation by a panel of judges. Judging Panel: Dr. Vishal Panchabhai, Assistant Professor, Priyadarshini College of Engineering, Nagpur. Prof. G. B. Gawali, G H Raisoni College of Engineering and Management, Polytechnic, Nagpur.

Highlights: Project titled “Automatic Radiator Cleaning Machine” won 1st Prize from GHRU, Amravati University.

“BIJLI_BOX” bagged the 2nd Prize from KDK College of Engineering, Nagpur. Outcome: Students gained valuable experience in presenting their ideas to a wider audience.

Many projects showed potential for further research or product development. Judges appreciated the creativity and technical depth in the projects. Nagpur | Pune | Jalgaon | Amravati | Pandhurna | Bhandara Department of Electronics and Telecommunication Engineering Nagpur | Pune | Jalgaon | Amravati | Pandhurna | Bhandara Conclusion: The Project Competition 2025 was a grand success and met its objective of encouraging student innovation and practical application of engineering principles. The department plans to conduct similar events annually to support skill development and industry-readiness among students. Photographs:









Event: Pitch Deck

Department of Electronics & Telecommunication Engineering has organized Pitch Deck technical event under PAGYOTSAV- 2k25.

Pitch Deck – a platform that celebrates ideas, challenges, perspectives, and transforms creativity into innovation.

Inspired by the spirit of Shark Tank, this event offers our participants the unique opportunity to pitch their solutions, defend their ideas, and learn from the best.

In this competition, total 7 teams (2 to 3 members in each team) were participated from SBJIT, KDK and GHRCEM colleges

from Nagpur. In this competition students have represented their ideas and convinced judges through their technical & communicative skills.

To ensure a fair and holistic evaluation, each pitch was judged on the following six criteria: Presentation, Understanding & Communication, Innovation, Study & Research, technical Content (Potential) and Society-Level Impact.

Team with most promising technological idea and socio aspect was immerged as a winner & were further felicitated by the respective judges with cash prize & certificates.

SBJIT 2nd year CSE, Nagpur Team - Mr. Om Shrikhande & Mr. Kuldeep Tiwari was the Winner of this event. The winning team pitched judges about an idea “Advanced smart home automation system & software development”.

Ms. Sucheta Raut Assistant Professor ETC Department, GHRCEM Nagpur, along with Ms. Falguni Bolakhe and Mr. Rishikesh Pandit, VI semester ETC students coordinated this event under the guidance of Dr. Devashree Marotkar, Head of Dept. ETC and Dr. Vivek Kapur, Director of GHRCEM, Nagpur.









Peer Teaching





Department of Electronics & Telecommunication Engineering of G H Raisoni College of Engineering and Management, Nagpur has organized Peer Teaching for B. Tech 5th semester students on 11 July 2024.

The Peer Mr. Nikhil Thakare from 7th semester delivered session on “Smith Chart”.

He delivered session with basic parameters of transmission line, input impedance, load impedance, reflection coefficient and then with few examples on smith chart. He guided students how to find value of VSWR, Reflection coefficient, and Normalized load impedance. Students learn the smith chart and motivated by his Peer session.

The session was coordinated by subject teacher, Dr. Shubhangini Ugale. Under the guidance of Dr. Devashree Marotkar, HOD of Electronics Telecommunication department.

Drone Club

Name of Student	Post
Bhushal Khandal	President
Awanti Dumbhare	Vice- President
Ishan Bhongade	Treasurer
Himanshu Krupal	Secretary
Aastha Kalambey	Girls Representative









Glimpses of Drone event

एक कप चाय



एक कप चाय, जो निंद उडाये,
थके हुए मन को राहत दिलाये !

दोस्तो कि बाते, हंसी कि रवायात,
गम को भुलाकार दे जाये राहत !

लेक्चर मे चाहे निंद सताये,
थिसेस मे फिर वही मुस्काये !

हार दर्द का ये मिठा बहाना,
चाय हि तो है दिल का ठिकाणा !

वर्षाच्या वहितुन

एक सूर्य मावळता, एक वर्ष सावरता
उद्या होईल सकाळ पुन्हा, वर्ष येईल नवा पुन्हा

मावळत्या सूर्य सोबत आठवणी वर्षाच्या,
सावरत्या वर्षा सोबत अपेक्षा नव वर्षाच्या

आठवणी आणि अपेक्षांचा सत्र असच चालत राहत
हसत, खेळत नकळत आयुष्य एक पुस्तक लिहीत राहत ...

ओम हटवारे





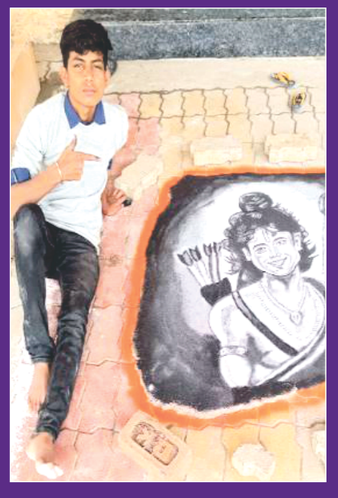














Toppers 2023-2024

3rd Semester



Maithili Hasoriya
SGPA : 10



Labhpreet Juneja
SGPA : 9.80



Trisha Kanade
SGPA : 9.20

5th Semester



Sujal Sapkal
SGPA: 9.91



Divya Kalmkar
SGPA : 9.73



Rutuja Ambildhukte
SGPA: 9.73

7th Semester



Dipesh Bobade
SGPA: 9.86



SADICCHA SONAK
SGPA: 9.82



Devkumar Haladkar
SGPA: 9.64

Antaragni - 2K25



















Farewell – 2K25











Farewell – 2K25





















Farewell - 2K25

















Sign Out Day









Placement 2024-25

Sr. No.	Year	Name of Student Placed	Program Graduated from	Name of the employer	Pay Package at Appointment
1	2024-25	Abhijit Muralidhar Khadase	Electronics and Telecommunication Engg.	Indo Rama Synthetics(I) Ltd., Nagpur	4.25 L/A
2	2024-25	Akanksha Dilip Gaigawali		VERTS Services India Pvt. Ltd., Noida	3 L/A
3	2024-25	Arushi Mukesh Rodge		VERTS Services India Pvt. Ltd., Noida	3 L/A
4	2024-25	Nikita Avinash Chhapparghare		VERTS Services India Pvt Ltd., Noida, U.P.	3 L/A
5	2024-25	Kanak Milind Shende		VERTS Services India Pvt Ltd., Noida, U.P.	3 L/A
6	2024-25	Prajwal Pandurang Deshmukh		VERTS Services India Pvt Ltd., Noida, U.P.	3 L/A
7	2024-25	Sneha Ravindra Kolte		VERTS Services India Pvt Ltd., Noida, U.P.	3 L/A
8	2024-25	Yash Rajesh Kale		VERTS Services India Pvt Ltd., Noida, U.P.	3 L/A
9	2024-25	Sushma Surendra Yadav		VERTS Services India Pvt Ltd., Noida, U.P.	3 L/A
10	2024-25	Himanshu Sunil Khanorkar		Cytobiologics Pvt Ltd., Sangareddy, Telangana	1.8 L/A
11	2024-25	Aryan Akhlesh Pathak		Cytobiologics Pvt Ltd., Sangareddy, Telangana	1.8 L/A
12	2024-25	Dipesh Krushana-rao Bobade		Cytobiologics Pvt Ltd., Sangareddy, Telangana	1.8 L/A
13	2024-25	Aniket Poonam Khadgi		Cytobiologics Pvt Ltd., Sangareddy, Telangana	1.8 L/A
14	2024-25	Nikhil Vinay Thakre		Cytobiologics Pvt Ltd., Sangareddy, Telangana	1.8 L/A
15	2024-25	Pratik Kishor Satokar	Electronics and Telecommunication Engg.	Cytobiologics Pvt Ltd., Sangareddy, Telangana	1.8 L/A
16	2024-25	Rohan Shankapal Mankar		Cytobiologics Pvt Ltd., Sangareddy, Telangana	1.8 L/A
17	2024-25	Prajwal Suresh Thakare		Cytobiologics Pvt Ltd., Sangareddy, Telangana	1.8 L/A
18	2024-25	Ayush Ashok Warokar		Capgemini Techno-logy Services India Ltd., Pune	4.5 L/A
19	2024-25	Devkumar Gajanan Haladkar		Rinex Technologies Pvt. Ltd., Banglore	7 L/A
20	2024-25	Dishant Bhayyaji Nikhade		Indo Rama Synthetics(I) Ltd., Nagpur	2.9 L/A
21	2024-25	Kalyani Sunil Parate		Intrainz Innovation Private Ltd, Bangalore	5 L/A
22	2024-25	Himanshu Vasant Askar		Sterlite Technologies Ltd, Pune	4.5 L/A
23	2024-25	Pranay Raju Wardhekar		Sterlite Technologies Ltd, Pune	4.5 L/A
24	2024-25	Saurabh Kailash Wankhede		Sterlite Technologies Ltd, Pune	4.5 L/A
25	2024-25	Hiteshwari Sanjay Rewatkar		Voizserve InfoTech	1.9 L/A
26	2024-25	Pawan Ishwar Shingane		Voizserve InfoTech	1.9 L/A
27	2024-25	Angha Bharat Kamdi		Voizserve InfoTech	1.9 L/A
28	2024-25	Anjali Ananta Bhoyar		Voizserve InfoTech	1.9 L/A
29	2024-25	Shruti Subhash Paspunurwar		Voizserve InfoTech	1.9 L/A

Sr. No.	Year	Name of Student Placed	Program Graduated from	Name of the employer	Pay Package at Appointment
30	2024-25	Sakshi Pundlik Sakharkar	Electronics and Telecommunication Engg.	TATA Motars Passenger Vehicle, Pune	3 L/A
31	2024-25	Sadichha Dinesh Sonak		Simply Vyapar Apps Private Ltd, Bengaluru, Karnataka - 560103	2.4 L/A
32	2024-25	Shruti Dhiraj Manohare		Virtual Galaxy Infotech Limited, Nagpur	1.8 L/A
33	2024-25	Manvi Anil Zararia		Omnipotent Software Solutions, Nagpur	3 L/A
34	2024-25	Samiksha Prabhakar Wadaskar		Omnipotent Software Solutions, Nagpur	3 L/A
35	2024-25	Prajwal Vinayak Lakadkar		Omnipotent Software Solutions, Nagpur	3 L/A
36	2024-25	Shrushti Ankush Badole		Omnipotent Software Solutions, Nagpur	3 L/A
37	2024-25	Vedashri Pramod Palyadwar		Omnipotent Software Solutions, Nagpur	3 L/A
38	2024-25	Prachi Ratanlal Bawistale		Omnipotent Software Solutions, Nagpur	3 L/A
39	2024-25	Yash Prashant Khare		DV & Associates Nagpur	1.8 L/A
40	2024-25	Aryan Sunil Gomase		Swastik Electrotech Automation, Pune	2.1 L/A
41	2024-25	Atharva Nagesh Gandhe		Swastik Electrotech Automation, Pune	2.1 L/A
42	2024-25	Prajwal Krushnarao Bhakare		Swastik Electrotech Automation, Pune	2.1L/A
43	2024-25	Snehal Suresh Nimgade		Swastik Electrotech Automation, Pune	2.1L/A

Stay Connected (Updated)

Name of Student	Mobile No.	Name of Student	Mobile No.
Abhijit Khadse	7498109851	Pratik Satokar	8766060824
Akanksha gaigawali	7385310068	Riya Katheriya	76666055993
Angha kamdi	9284660339	Rohan Mankar	7378829380
Aniket Khadgi	9422183152	Roshani Uikey	7666454091
Anjali Bhoyar	9699903474	Sadichha Sonak	8975079864
Arushi Rodge	7057730724	Sahil Wankar	7385788153
Aryan Pathak	7249464500	Sakshi Sakharkar	8007245533
Aryan Gomase	9356867109	Samiksha Wadaskar	9356857173
Atharva Gandhe	9307394335	Sanika Khairwar	7020480291
Ayush Warokar	8446161754	Saurabh Wankhede	8530127748
Ayush Dongre	8999866062	Shiwani Manapure	7249439969
Bhakti Sarode	7821041914	Shrushti Badole	8308614119
Bhupesh Sunchuwar	9970903008	Shruti Manohare	7755996148
Chandresh Banode	8799933917	Shruti Kachauhan	8263090463
Devkumar Haladkar	9307952005	Sneha Kolte	8857030852
Dipesh Bobade	9359940271	Snehal Nimgade	7756968714
Dishant Nikhade	8329620582	Sushma Yadav	7841075167
Himanshu Khanorkar	9503440339	Vedashri Palyadwar	9527505560
Himanshu Askar	7841993240	Vrushali Rahate	8381028985
Hiteshwari Rewatkar	9834603089	Yash Tidke	9960451626
Jitendra Mate	8669852389	Yash kale	8080491861
Kalyani Parate	9371942030	Kuldeep Bhure	7666429205
Kanak Shende	9370248508	Prachi Bawistale	6264261537
Manvi Zararia	7776857739	Jayesh Sakure	8329666730
Mitansh Uijankar	8080838837	Deeshant Wavarkar	8208991018
Nikhil Thakre	9763271938	Prajwal Thakare	8421066988
Nikita Chhapparghare	7038936528	Rohit Singrol	7028099551
Om Kondekar	9075838909	Samir Pihul	7666250974
Pawan Shingane	7057250208	Shruti Paspunurwar	9146048765
Prajwal Bhakare	8698909561	Yash Khare	9284948971
Prajwal Deshmukh	8766813469	Pranay Wakode	7517881895
Prajwal Lakadkar	8975782341	Kunal Paithankar	9325476277
Pranay Wardhekar	8669197229		


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