RAISONI GROUP
a vision beyond

G H RAISONI INSTITUTE OF ENGINEERING AND TECHNOLOGY, NAGPUR

(Approved by AICTE, New Delhi and Recognized by DTE, Maharashtra)
An Autonomous Institute Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University
Accredited by NAAC with A+ Grade

Department of Electronics & Tele-Communication Engineering



XPLORE
2K24

G H RAISONI INSTITUTE OF ENGINEERING AND TECHNOLOGY, NAGPUR

(Approved by AICTE, New Delhi and Recognized by DTE, Maharashtra)
An Autonomous Institute Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University
Accredited by NAAC with A+ Grade

Engineering | Management | Law | Schools | Other Courses
NAGPUR ■ PUNE ■ JALGAON ■ AMRAVATI ■ CHHINDWARA

RAISONI GROUP OF INSTITUTIONS

Published By

HEARTZ Student Forum under

DEPARTMENT OF ELECTRONICS & TELE-COMMUNICATION ENGINEERING
G. H. Raisoni College Engineering and Management, Nagpur.

Editor-in-Chief:

Dr. Devashree Marotkar

Associate Professor, Head of Department.
Electronics & Tele-Communication Engineering

Coordinated By:

Ms. Shubhangini Ugale,

Assistant professor, Faculty In-Charge (Xplore Magazine)
Electronics & Tele-Communication Engineering,

Magazine credits:

FRONT/BACK COVER DESIGN : MR. DEEP GHOSHAL

Editorial Panel

MR. SANJOG SHIRODE
MR. SARANG MALVI
MS. SURBHI BHASKAR
MS. DEVYANI BELSARE
MR. DEVKUMAR HALADKAR

DISCLAIMER:
The views expressed in the text by various authors are their own and G.H. Raisoni Institute of Eng. & Tech. magazine team & Management of 'HEARTZ' do not take any responsibility for that.

INDEX

•	Chairman Message	02
•	Director Message	03
•	HOD's Message	04
•	Fourm Incharge Message	05
•	Faculties of ETC Department	08
•	HEARTZ Committee Members	08
•	Photography Club Members	10
•	Achievements	11
TECHNICAL SECTION		
•	Workshop/ Skill Training / Course completion	14
•	Skill Training program	16
•	Article: Eye in the Sky Technology	18
•	Internship	20
•	Publications Journal/Conference	33
•	Expert Lecture	37
•	Alumni Interaction	39
•	PROGYOTSAV	40
•	Peer Teaching	43
NONTECHNICAL SECTION		
•	Forum Installation	44
•	Toppers	46
•	Adventure Camp	47
•	Industrial Visit	50
MEMORIES		
•	Student Placed	52
•	Farewell	54
•	Sign out day	55
•	Stay Connected.....	56

Vision and Mission of the Institute

Vision of the Institute

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 of the Institute

- 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 and Mission of the Department

Vision of the Department

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 of the Department

M 1: To develop the department into a multi-faceted learning environment supported by adequate facilities, infrastructure, and learning resources.

M 2: To provide quality and value-based education to undergraduate students in the field of Electronics and Telecommunication Engineering.

M 3: To prepare graduates for industry, higher education, and research by fostering innovation, ethical values, professional skills, and lifelong learning.

Chairman's Message



Shri, Sunil Raisoni
Chairman, RGI

Innovation stands at the heart of progress in today's rapidly evolving world. At RGI, we remain deeply committed to continuously strengthening and enriching our educational ecosystem so that 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 enhance student employability by providing meaningful learning experiences that go beyond the traditional classroom. We aim not only to impart knowledge but also to nurture adaptability, creativity, and resilience among our students. Through strong collaborations with industry leaders and corporate partners, we strive to create diverse opportunities that empower our students to confidently embark on successful and fulfilling careers.

At GHRIET, our vision extends far beyond academic excellence. We aspire to play a transformative role in shaping the next generation of global leaders individuals who are intellectually curious, socially responsible, and driven by a strong sense of purpose. The formation of student forums is an important step toward achieving this vision.

Student forums provide a dynamic platform for learners to explore their interests, express their ideas, and expand their potential beyond the boundaries of the classroom. They help cultivate essential life skills such as leadership, teamwork, communication, and problem-solving qualities that are indispensable in both professional and personal spheres. These forums act as incubators of innovation and creativity, inspiring students to think independently, collaborate effectively, and lead with confidence.

To the newly formed forum teams, I extend my heartfelt congratulations and best wishes. May this forum serve as a beacon of student initiative, enthusiasm, and excellence. I encourage you to uphold the values of RGI and lead by example creating meaningful opportunities not only for yourselves but also for your peers and the institution as a whole.

We firmly believe in your potential and have full confidence that you will carry forward the legacy of RGI with dedication, innovation, and a spirit of positive impact.

Wishing you great success in all your future endeavors.

Director's Message



Education has always been an indispensable part of life. It molds us to lead a better life and enriches the path towards our success and helps to reach the Zenith. With a vision in their eyes and innovation in their minds, the students of GHRIET are busy creating their futures but they haven't forgotten to show their social and extracurricular skills.

This is a matter of great pride for me that my students are providing their mettle not only in education field but also in fields that are generally considered to be far removed from Engineers. But like all other dogmas based on fallacious assumption, this one has also been proved by my brilliant students and thus they have really propelled their abilities. I hope you enjoy reading about the exciting things that have been happening recently in around us.

From the bottom of my heart, I wish "ALL THE BEST" to the team of "XPLORE 2K24" and I shower my blessing on dear students and hope they will continue such excellent work in near future also.

Dr. Vivek Kapur
Director, GHRIET

HOD's Message



Very few truly realize the wealth of sympathy, kindness, and generosity that lies within the heart of a student. The Department of Electronics and Telecommunication at GHRIET stands as a wonderful example of this spirit, where every member works tirelessly and wholeheartedly to nurture these values.

For the past seven years, this institution has been dedicated to shaping young minds with the firm belief that "The heart of education is the education of the heart." Along with academic excellence, the department continues to encourage compassion, creativity, and a sense of community among its students.

Cherish every moment of your journey, because in life there are no rewinds—only memories and flashbacks that remind us of the path we have traveled.

With this spirit, the XPLORE Team has worked diligently to present an exhilarating flashback of the department's journey its inception, history, events, and achievements during the academic session 2023–24. This compilation reflects the dedication, enthusiasm, and accomplishments of the entire department.

I extend my heartfelt congratulations to all the students of the department for their remarkable efforts and achievements.

Happy Reading!

Happy Reading!

Dr. Devashree Marotkar

HOD, ETC Department

Editorial's Message



As rightly said by Michael Jordan, "Talent wins games, but teamwork and intelligence win championships." This quote perfectly reflects the collective effort behind the creation of this magazine.

I sincerely appreciate the members of the XPLORE Team for their dedication, teamwork, and hard work in collecting photographs, compiling data, and bringing together the content for this magazine. Their commitment has made it possible to present a wonderful compilation of memories and achievements.

This magazine captures the vibrant glimpses of various activities conducted during the academic session 2023–24, including event reports, articles, poems, and many other creative contributions from students and faculty.

I would also like to express my heartfelt gratitude to all my colleagues for their constant support and encouragement extended to the XPLORE members throughout this process. My special thanks to Dr. Vivek Kapur Sir, Director, GHRIET, and Dr. Devashree Marotkar Madam, Head of the Department, Electronics and Telecommunication, for their valuable guidance and motivation at every step of this endeavor.

Once again, I congratulate the entire team for their excellent work.

Dr. Shubhangini Ugale

HEARTZ Forum Incharge

(PEOs) & (PSOs)

Program Education 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 (PSOs)

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

Program 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 sustainability:** 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 multidisciplinary 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

Faculties of ETC Department

(Session 2023-24)

Sr. No.	Name of Guide	Area of Specialization
1	Dr. Devashree Marotkar	Wireless Communication.
2	Dr. Swati Dixit	VLSI.
3	Dr. Ravi Mishra	Image & Video Processing, IoT Drone Applications, Embedded System applications.
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.

HEARTZS Committee Members

Sr.No	Name of Students	Position	Semester
1	Mr. Sanjog Shirode	HEARTZ	President
2	Mr. Devkumar Haladkar	HEARTZ	Vice President
3	Mr. Pawan Shingane	HEARTZ	Secretary
4	Mr. Himanshu Singarwade	HEARTZ	Joint Secretary
5	Ms. Sanika Khairwar	HEARTZ	Treasurer
6	Ms.Preet Vishwakarma	HEARTZ	Joint Treasurer
7	Sakshi Gonde	Member	7th sem
8	Aishwarya Giri	Member	7th sem
9	Shrutika Mahalle	Member	7th sem
10	Supriya Kanchewar	Member	7th sem
11	Surbhi Bhaskar	Member	7th sem
12	Megha Utane	Member	7th sem
13	Tanushree Umredkar	Member	7th sem

Sr.No	Name of Students	Position	Semester
14	Tilak Hatwar	Member	7th sem
15	Om Khondekar	Member	3rd sem
16	Sudhanshu Mungole	Member	7th sem
17	Ayush Kamble	Member	7th sem
18	shreyanshi Akre	Member	7th sem
19	Sakshi Khurdhkar	Member	7th sem
20	Samrudhi Bhoyar	Member	7th sem
21	Aryan Gomase	Member	5th sem
22	Sadichha Sonak	Member	5th sem
23	Jitendra Mate	Member	5th sem
24	Aryan Pathak	Member	5th sem
25	Abhijit Khadse	Member	5th sem
26	Nikita Chhapparghare	Member	5th sem
27	Anchal Mojankar	Member	7th sem
28	Aditi Chandpurkar	Member	7th sem
29	Pratik Satokar	Member	5th sem
30	Samir Pihul	Member	5th sem
31	Prajwal Thakare	Member	5th sem
30	Chandresh Banode	Member	5th sem
31	Dishant Nikhade	Member	5thsem
32	Manvi Zarariya	Member	5th sem
33	Angha Kamdi	Member	5th sem
34	Samiksha Wadaskar	Member	5th sem
35	Riya Katheriya	Member	5th sem
36	Vedashri Palidwar	Member	5th sem
37	Roshani Uikey	Member	5th sem
38	Himanshu Askar	Member	5th sem
39	Shruti Paspunurwar	Member	5th sem
40	Shiwani Manapure	Member	5th sem
41	Kanak Shende	Member	5th sem
42	Akansha Gaigawali	Member	5th sem
43	Prajwal Lakadkar	Member	5th sem
44	Akansha Gaigawali	Member	5th sem

Sr.No	Name of Students	Position	Semester
45	Umang Gayki	Member	3rd sem
46	Saniya Shende	Member	3rd sem
47	Divya Kalamkar	Member	3rd sem
48	Preet Vishwakrma	Member	3rd sem
49	Falguni Bolakhe	Member	3rd sem
50	Rishikesh Pandit	Member	3rd sem
51	Himanshu Singarwade	Member	3rd sem
52	Bhushan Khandar	Member	3rd sem
53	Himanshu Krupar	Member	3rd sem
54	Ashtha Kalambey	Member	3rd sem
55	Awanti Dumbre	Member	3rd sem
56	Utkarsha Sakure	Member	3rd sem
57	Anishk Satghare	Member	3rd sem
58	Jayant Bhoyar	Member	3rd sem

PHOTOGRAPHY CLUB MEMBERS

Sr.No	Name of Students	Position	Semester
1	Deep Ghoshal	President	8th sem
2	Sneha Kolte	Vice president	6th sem
3	Rohit Singrol	Member	6th sem
4	Snehal Nimgade	Member	6th sem
5	Pradnyokti Mandaokar	Member	4th sem
6	Rushikesh Borkar	Member	4th sem
7	Himanshu Krupar	Member	4th sem
8	Sushma Yadav	Member	6th sem
9	Rachit Thulkar	Member	4th sem
10	Deveshkumar Patle	Member	4th sem
11	Kartik Vasake	Member	4th sem
12	Nirmal Zade	Member	4th sem
13	Pratik Raut	Member	4th sem
14	Umang Gayki	Member	4th sem
15	Rohit Singrol	Member	6th sem

ACHIEVEMENTS 2023-24

Sr. No	Name of Students	Name of award / Achievement	Award by	Year
1	MRUNMAYEE NARENDRA ANTURKAR	NPTEL elite certificate for successfully completing the course “Solar Energy Engineering and Technology & amp; E-Business”	NPTEL	2023-24
2	SANKET BANKAR	NPTEL Silver certificate for successfully completing the course “Solar Energy Engineering and Technology & amp; E-Business”	NPTEL	2023-24
3	DARSHANA MADHAV BAWANE	NPTEL Silver certificate for successfully completing the course “Solar Energy Engineering and Technology & E-Business”	NPTEL	2023-24
4	SARTHAK WASUDEO BHOLE	NPTEL Silver certificate for successfully completing the course “Solar Energy Engineering and Technology & amp; E-Business”	NPTEL	2023-24
5	ADITI RAVIKIRAN CHANDPURKAR	NPTEL Silver certificate for successfully completing the course “Solar Energy Engineering and Technology & amp; E-Business”	NPTEL	2023-24
6	SAMRUDHI VIJAY BHOYAR	NPTEL elite certificate for successfully completing the course “Solar Energy Engineering and Technology & amp; E-Business”	NPTEL	2023-24
7	VRUSHABH KHUSHALRAO DHOTE	NPTEL elite certificate for successfully completing the course “Solar Energy Engineering and Technology & amp; E-Business”	NPTEL	2023-24
8	AYUSH DHIRAJANAND KAMBLE	NPTEL elite certificate for successfully completing the course “Solar Energy Engineering and Technology & amp; E-Business”	NPTEL	2023-24
9	ANCHAL GAJANAN MOJANKAR	NPTEL elite certificate for successfully completing the course “Solar Energy Engineering and Technology & amp; E-Business”	NPTEL	2023-24
10	PAVAN SANJAY GIRI	NPTEL elite certificate for successfully completing the course “Solar Energy Engineering and Technology & amp; E-Business”	NPTEL	2023-24
11	BRIJESH NITESH RAMTEKE	NPTEL elite certificate for successfully completing the course “Solar Energy Engineering and Technology & amp; E-Business”	NPTEL	2023-24
12	SAHIL VILAS SALUNKE	NPTEL elite certificate for successfully completing the course “Solar Energy Engineering and Technology & amp; E-Business”	NPTEL	2023-24
13	KRUTIKA SANJAY THAKRE	NPTEL Silver certificate for successfully completing the course “Solar Energy Engineering and Technology & amp; E-Business”	NPTEL	2023-24

ACHIEVEMENTS 2023-24

Sr. No	Name of Students	Name of award / Achievement	Award by	Year
14	PURVESH DEVESH WANDHARE	NPTEL elite certificate for successfully completing the course “Solar Energy Engineering and Technology & amp; E-Business”	NPTEL	2023-24
15	PARMESH AKASH YADAV	NPTEL Silver certificate for successfully completing the course “Solar Energy Engineering and Technology & amp; E-Business”	NPTEL	2023-24
16	VIKAS RAJPATI YADAV	NPTEL Silver certificate for successfully completing the course “Solar Energy Engineering and Technology & amp; E-Business”	NPTEL	2023-24
17	ARPITA JITENDRA SHUKLA	NPTEL Silver certificate for successfully completing the course “Solar Energy Engineering and Technology & amp; E-Business”	NPTEL	2023-24
18	TEJSHREE UMESH TEKADE	NPTEL elite certificate for successfully completing the course “Solar Energy Engineering and Technology & amp; E-Business”	NPTEL	2023-24
19	VAISHNAV NILKANTH JALKE	NPTEL elite certificate for successfully completing the course “Solar Energy Engineering and Technology & amp; E-Business”	NPTEL	2023-24
20	HARSH PRAKASH GOPWAR	NPTEL elite certificate for successfully completing the course “Solar Energy Engineering and Technology & amp; E-Business”	NPTEL	2023-24
21	MEGHA KAMLAKAR UTANE	NPTEL elite certificate for successfully completing the course “Solar Energy Engineering and Technology & amp; E-Business”	NPTEL	2023-24

ACHIVEMENTS

Sr. No	Name of Students	Competition	Level	Date	Award
1	Kartik Raut	Quiz Competition	National	15/09/2023	Winner
2	Yogesh Nimje	Asian Sports and Physical Fitness Board	National	22/05/2023	Participation certificate
3	Yogesh Nimje	World energy Quiz	National	02/10/2023	Successfully completed
4	Yogesh Nimje	Constitution day Quiz	National	26/11/2023	Successfully completed
5	Aman Pal	Anti- Drug Abuse quiz	National	26/06/2023	Successfully completed
6	Pari Borkar	Quiz Competition	National	15/09/2023	Winner
7	Rishi Borkar	Quiz Competition	National	15/09/2023	Winner
8	Shreyas Babhare	SIH 24	National	12/02/2024	Participation
9	Sarang Malvi	SIH 24	National	12/02/2024	Participation
10	Sandeep Maneshwar	SIH 24	National	12/02/2024	Participation
11	Surbhi Bhaskar	SIH 24	National	12/02/2024	Participation
12	Sarthak Bhole	SIH 24	National	12/02/2024	Participation
13	Mohit Dongare	SIH 24	National	12/02/2024	Participation
14	Divya Kadam	SIH 24	National	12/02/2024	Participation
15	Aman Gurunule	SIH 24	National	12/02/2024	Participation
16	Brijesh Ramteke	SIH 24	National	12/02/2024	Participation
17	Kunal Bhade	SIH 24	National	12/02/2024	Participation
18	Sahil Salunke	SIH 24	National	12/02/2024	Participation
19	Parth Munishwar	SIH 24	National	12/02/2024	Participation
20	Tanushree Umredkar	SIH 24	National	12/02/2024	Participation
21	Anchal Mojankar	SIH 24	National	12/02/2024	Participation
22	Manish Rathod	SIH 24	National	12/02/2024	Participation
23	Pushkar Kohade	SIH 24	National	12/02/2024	Participation
24	Samrudhi Bhoyar	SIH 24	National	12/02/2024	Participation
25	Aditi Chandpurkar	SIH 24	National	12/02/2024	Participation
26	Abhijeet Thakur	SIH 24	National	12/02/2024	Participation
27	Darshan Chaudhari	SIH 24	National	12/02/2024	Participation
28	Deep Ghoshal	SIH 24	National	12/02/2024	Participation
29	Himanshu Mendhe	SIH 24	National	12/02/2024	Participation
30	Krutika Thakre	SIH 24	National	12/02/2024	Participation
31	Samruddhi Zilpe	SIH 24	National	12/02/2024	Participation

Workshop / Skill Training / Course Completion

Sr. No	Name of Students	Workshop/ Course Completion	Organizer
1	Ms. Sneha Kolte	7-days FREE Bootcamp on JavaScript and React.JS-March-23	Devtown
2	Ms. Vedashree Palyadwar	7-days FREE Bootcamp on JavaScript and React.JS-March-23	Devtown
3	Ms. Roshani Uikey	7-days FREE Bootcamp on JavaScript and React.JS-Feb-23	Devtown
4	Ms. Sakshi Sakharkar	5 days workshop on Data Science & ML.	Coding Ninjas
5	Ms. Bhakti Sarode	C Programming , Jan-23 to March 23	Binary Brains, Learn to Develop Software Training & Consultancy
6	Mr. Atharva Gandhe	Java Progamming Essentials Bootcamp (5 Days) from 14th Feb 23 to 18 th Feb 23	Lets Upgrade
7	Ms. Prachi Bawistale	7-days FREE Bootcamp on JavaScript and React.JS-March-23	Devtown
8	Mr. Deep Ghoshal	Workshop on Tarot Card Reading, 15th Feb 2023	GHRIET, Data Science
9	Mr. Khush Tembhurnikar	Workshop on Transformation of Global Transportation with Computer Vision, 24th April 2023	Skill Lync
10	Mr. Swayam Sontakke	Dance Workshop, 4th Feb 2023	G H Raisoni Sports & Cultural Foundation
11	Mr. Vishal Choudhary	One day workshop on Introduction to VT Scada, 25th March 2023	YCCE, Nagpur
12	Mr. Vrushabh Dhote	One day workshop on Introduction to VT Scada, 25th March 2023	YCCE, Nagpur
13	Mr. Brijesh Ramteke	7-days FREE Bootcamp on Note Taking App using JavaScript and ReactJs	Devtown
14	Mr. Brijesh Ramteke	Bootcamp on Big Data at YBI Foundation on 14th August 2022	YBI Foundation
15	Abhijit Singh Thakur	Webinar on Implementation of National Education Policy, 14th july 2021	GHRIET, Nagpur
16	Ms. Mrunmayi Kalejwar	Block Chain For Beginners, March 2022	Techgyan Technologies
17	Ms. Mrunmayi Kalejwar	Python Libraries for Machine Learning, July 2022	Great Learning Academy
18	Ms. Mrunmayi Kalejwar	Python Fundamentals for Beginners, July 2022	Great Learning Academy
19	Mr. Vaishnav Jalke	Accelerators/ Incubation-Opportunities for Students and Faculties- Early Stage Enterpreneurs. August 13, 2022	K J Somaiya Institute of Engineering and Information Technology
20	Mr. Kunal Paithankar	Massive Open Online Course on Cyber Security And Digital Forensics	IIT, KOTA

Three Days FDP on "Internet of Things (IOT)"organised by Department of Electronics and Telecommunication Engineering in GHRIET, Nagpur

Department of Electronics & Telecommunication Engineering, in collaboration with Sadabai Raisoni Women's college, Nagpur had organized three days faculty development program on "Internet of Things (IoT)" from 20th to 22nd December 2023

The session was conducted by departmental faculties Dr Sanket Kasturiwala, Ms Prajakta Upadhye and Mr Vishal Jaiswal The main objective of this FDP is to make faculty comfortable dealing with IOT, Arduino, Tinkercad and different kinds of sensors It was organised in such way that, faculties could get hands-on experience on current industry technologies

Program was design in a such way that, participant had a three day continuous hands –on sessions Participant gained valuable hands on experience with the help of relevant software and development boards

Faculties from Sadabai Raisoni Women's college Nagpur and GHRIET, Nagpur had participated and benefited from this FDP

The first day started by Ms Prajakta Upadhye with very basic idea of IOT and getting started with Arduino She highlighted the importance of IOT and gave idea about how IOT is helpful in different sector In second session, Dr Sanket Kasturiwala shared his knowledge with participant about Tinker CAD He also conducted hand on session on Tinker CAD which helped to make subject fully understand and created interest among the participant

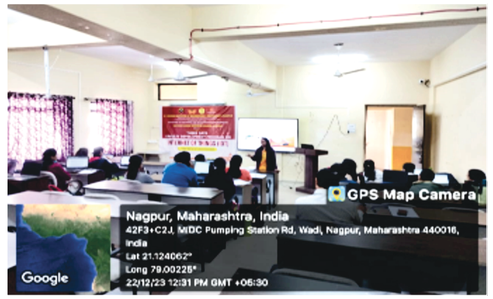
Second day, in first session Mr Vishal Jaiswal explained the different kinds of sensors and their day to day life example In the second session, participant performed hands on practical with Arduino board and sensors such as water level sensor and ultrasonic sensor and PIR sensor

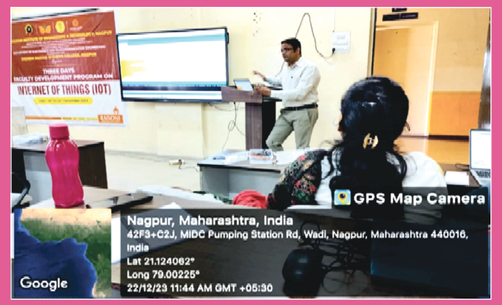
On the Third day, in first session, Dr Sanket Kasturiwala explained Bluetooth circuit and participant implement the same circuit with arduino board And controlled LED using mobile APP Then Ms Prajakta Upadhye describe about Node MCU ESP8266 and give hands-on training to participant for making the soil moisture circuit At last quiz was conducted based on the topics taught in last three days Every faculty members gave good response to this Quiz

The FDP was concluded by the valedictory function The oral feedback was taken from few participants and participants were quite satisfied with the contents of the FDP The certificates were distributed to all the participants with the hands of Dr Devashree Marotkar and lastly vote of tanks was proposed by Ms Prajakta Upadhye

Around 25 Faculties had participated in this FDP Ms Prajakta Upadhye co-ordinated this program under the guidance of Dr Devashree Marotkar, Head of Dept Electronics and Telecommunication Engineering and Dr Vivek Kapur, Director of GHRIET, Nagpur









Skill Training Program on "Networking and Cloud Computing" is organised at Department of Electronics and Telecommunication Engineering in GHRIET, Nagpur

Skill Training Program on Networking and Cloud Computing is organised on 17th and 18th Jan 2024 for 6th semester students of Electronics and Telecommunication Engineering The session was conducted by Mr Raj Arora, Director Revat Network, Nagpur

The benefits of this workshop is to provide fundamentals of Networking and Cloud Computing It also provides students with details on what kind of skillsets are needed and what job profiles are available It covers topic like networking, Routing Gateway and Type of cloud and Cloud Computing, Advantages and Disadvantages of Cloud Computing, Skillsets and Job roles in Cloud computing

During the first day, in first session Mr Raj Arora started his discussion with very basic idea of Networking He highlighted the importance of Networking and cloud computing in different sector In second session, he shared his knowledge with student about CISCO Packet Tracer He also conducted hand on session on CISCO Packet Tracer which created interest among the student

On the second day, in first session Mr Raj Arora explained about cloud computing, Types of clouds (Infrastructure as a Services Platform as a Services, Software As a Services), cloud services, Amazon AWS etc Then he showed the demo to use cloud services for any web applications with steps In the second session, the students registered and created free account in Amazon AWS He also clarified all their doubts regarding hosting a website in free cloud account

The session concluded with students expressing their satisfaction Around 63 students have attended the session Mr Purushottam Chawke and Mr Vishal Jaiswal coordinated this program under the guidance of Dr Devashree Marotkar, Head of Dept Electronics and Telecommunication Engineering and Dr Vivek Kapur, Director of GHRIET, Nagpur





Electronics & Telecommunication Engineering Department GHRIET, Nagpur Organizes Webinar on "Opportunities in Embedded System"





A Webinar on "Opportunities in Embedded System" is organized on 07/02/2024 for 6th semester students of Electronics and Telecommunication Engineering. The webinar was delivered by Mr. G. Satish, Academia Manager, Vector India, Hyderabad.

The webinar was started at 12.15 p.m. Mr. Vishal Jaiswal Assistant professor ETC Department welcomed the resource person and gave the Introduction about the Resource person. Then the session was handed over to the Resource person.

This webinar helped the students to understand basic of Embedded System. The speaker had covered topics like hardware and software of embedded system, importance of programming, various embedded processor and its applications. Speaker explicated various Job opportunities in embedded system. In a broader sense, your expertise and skillset in embedded systems would depend on the type of your job—whether it is firmware or purely hardware, or both.

This webinar helped the students to know the scope and opportunity in this field. Total 55 students had attended this webinar. The queries were asked by the participants for 10 minutes. He gave the answers for all the queries. Mr. Purshottam Chawke, Assistant professor delivered vote of thanks.

Mr. Vishal Jaiswal and Mr. Purshottam Chawke coordinated this webinar under the guidance of Dr. Devashree Marotkar, Head of Dept. Electronics and Telecommunication Engineering and Dr. Vivek Kapur, Director of GHRIET, Nagpur.

Eye in the Sky Technology

The twentieth century, within two decades, witnessed the two-world war, which led to a change in the image of leadership. During the Second World War, the use of atomic bombs and the role of aircraft was glorified. Atomic bombs were found fatal in all respects. To conquer the land, the need and importance of space technology emerged, especially for military operations, which led to a race between two world leaders of that era, the United States of America (USA) and the Union of Soviet Socialist Republic, today's divided Russia.

On 04 October 1957 Sputnik, the first manmade satellite was launched by the USSR, whereas the USA launched Tristar, a meteorological satellite in 1960. That was quite a natural outcome of the race of dominance. Where was India in that era? We are struggling to feed millions of people regularly. But, the exceptions are always important. Dr. Homi Bhaba and Dr. Vikram Sarabhai, two great Indians, both belong to rich families and truly passionate for the physics and science. They were students of the Indian Institute of Science (IIS), Bengaluru, that time Dr. CV Raman Sir was the Dean of IIS. To build the pioneer institute for space application, both approaches to the Government of India. As a result, Indian National Committee for Space Research (INCOSPAR) was formed in 1962, and later it was renamed as Indian Space Research Organization in 1969. During the early days, a Thumba village near Thiruvananthapuram was identified as a location to build a rocket testing lab, launching station, etc. With help from friendly nations, India launched the first Indian Satellite in 1980. But, the Indians were more concerned to build satellite launch vehicles i.e. rockets, and by the end of 1990 achieved success in building and launching Satellites using Indigenous technology. During the initial years, to utilize the data generated by Indian Remote Sensing Satellite (IRS) a scheme was proposed to start an independent state applications center in each state of India with aim to promote technology and reach upto the village/base level, across the country. In India, Dr. Homi Bhaba and Dr. Vikram Sarabhai, was recognised as the father of Atomic and Space Program. The birth anniversary of Dr. Vikram Sarabhai is celebrated as National Remote Sensing Day on 12 August every year.

A global space exploration program has many milestones in the journey, especially after the launch of Sputnik-1. Experimental Program started with sounding rockets, sending dogs to space, building high-frequency telescopes, establishment space stations, interplanetary missions, and more. This article is more concerned with the earth observation system i.e. Remote Sensing. Worldwide, one of the noble and remarkable services namely the Landsat Program formally known as Earth Resources Technology Satellite-ERTS-1, which was jointly started by the United State Geological Survey (USGS) and the National Aeronautics and Space Administration (NASA) of USA. The series of satellites was scanning the globe and fully operational from 1972 to till date. Currently, the 9th series is functional and is generate the global data of vivid resolution regularly through various modified sensors. Now, the data generated by Landsat Series is a global asset, a treasure to study, analyzing the geospatial, geophysical environmental, social, technical, etc. changes that occurred across the globe during the last fifty years. Initially, the satellites were builds for military purposes. Recently, with the advancement in computing and the reach of digital devices to the grassroots level, the use of satellite technology has increased to a greater extent. Nowadays, every mobile is equipped with the power of geospatial technology, and most sectors from agriculture, environment, and geology to commercial e-commerce platforms are more dependent on satellite technologies to generate business and reach up to targeted populations.

However, the launching satellites, and conducting interplanetary space missions are not regular and common programs, these missions are confined to a group of space agencies which is an elite group and identified for all such programs. NASA is the leading one followed by the European Space Agency (ESA), ESA is a group of more than twenty countries, Japan Aerospace Exploration Agency (JAXA), the State Space Corporation – Roscomos an Russian Space Agency, the China National Space Agency and Indian Space Research Organisation (ISRO). All mentioned organizations had proven their strength of space technologies through back to back many successful missions. A joint treaty was established by this group to achieve the harmony for mankind and mother earth as such through space technology. However, many secret satellite missions were planned and executed to control and lead the world for safety and security purposes. India concretely proved its presence in the elite space group by developing indigenous rocket technology followed by successful launching of IRS series, Mangalyaan and Chandrayan missions with minimum budgetary project cost compared to projects/missions of other countries. India is the only country to get success in the first Mars Mission. Many small and developing nations rely on Indian Rocketry to launch micro as well as a major satellite into space. Globally, space technology is a multibillion-dollar market, likely to launch the space trip as the next level of tourism, very soon. The ultimate aim of space technology is to serve mankind and explore unknown, untouched space to find out contempered friend/s of mankind, if any. So, be focused and keep an eye on the sky.



Mr. Sanjay M Apturkar

Associate Scientist,
Maharashtra Remote Sensing Application Centre
(MRSAC), Nagpur
VNIT Campus, South Ambazari Road, Nagpur
440 010 (MS)
Email: sammrsac@gmailcom
Mob 966 599 5166

INTERNSHIP
(6 Month Industry Internship)

Sr. No	Roll No	Name of Students	Sem	Company Name	Duration	
					From	To
1	1	Aman Kishan Gurunule	VIII	WebRelier Software Solutions Pvt. Ltd., Pune	16-Dec-23	20-Jun-24
2	2	Aliya Md Arif Sayyad	VIII	EDULYT India, Delhi	1-Jan-24	30-Jun-24
3	3	Mrunmayee Narendra Anturkar	VIII	Primine Software Private Limited, Nagpur	1-Jan-24	1-Jun-24
4	4	Arya Pramod Meshram	VIII	Kinetic Communication Limited, Pune	19-Dec-23	20-Jun-24
5	5	Shreyash Pandurang Babhare	VIII	Makxenia Engineering Resource Pvt.Ltd, Nagpur	21-Dec-23	21-Jun-24
6	6	Sanket Sabidas Bankar	VIII	Appxbuild Technologies Pvt. Ltd,Nagpur	18-Dec-23	18-Jun-24
7	7	Darshana Madhav Bawane	VIII	Kinetic Electric Motor PVT. LTD,Pune	2-Jan-24	4-Jun-24
8	8	Kunal Shriram Bhade	VIII	WebRelier Software Solutions Pvt. Ltd., Pune	15-Dec-23	16-Jun-24
9	9	Sarthak Wasudeo Bhole	VIII	Appxbuild Technologies Pvt. Ltd,Nagpur	18-Dec-23	18-Jun-24
10	10	Aditi Ravikiran Chandpurkar	VIII	India Active Software Inc, Nagpur	20-Dec-23	20-Jul-24
11	11	Darshan Ramdas Chaudhari	VIII	WebRelier Software Solutions Pvt. Ltd., Pune	16-Dec-23	16-Jun-24
12	12	Deep Surojit Ghoshal	VIII	Appxbuild Technologies Pvt. Ltd,Nagpur	18-Dec-23	18-Jun-24
13	13	Gaurav Rajesh-kumar Deshmukh	VIII	Maharashtra Remote Sensing Application Centre, Nagpur	18-Dec-23	15-Jun-24
14	15	Samrudhi Vijay Bhoyar	VIII	Kinetic Communication Limited, Pune	19-Dec-23	20-Jun-24
15	16	Vrushabh Khushalrao Dhote	VIII	JSM India Infosys Pvt Ltd, Pune	15-Dec-23	15-Jun-24
16	17	Divya Lekhanand Kadam	VIII	Renu Electronic Pvt Ltd, Pune	2-Jan-24	1-Jun-24
17	18	Sanskruti Vinod Diwate	VIII	Primathink Technologies Pvt Ltd ., Nagpur	26-Dec-23	25-Jun-24
18	19	Aishwarya Kailash Giri	VIII	Kinetic Communication Limited, Pune	1-Jan-24	30-Jun-24
19	20	Sakshi Sachin Gonde	VIII	Primine Software Private Limited, Nagpur	1-Jan-24	1-Jun-24
20	21	Tilak Manohar Hatwar	VIII	Kinetic Communication Limited, Pune	19-Dec-23	20-Jun-24
21	22	Parth Naersh Chauhan	VIII	Kinetic Green PVT. LTD, Pune	15-Jan-24	15-Jul-24
22	23	Mrunmayi Shrinivas Kalejwar	VIII	Kinetic Electric Motor PVT. LTD, Pune	18-Dec-23	18-May-24
23	24	Ayush Dhirajanand Kamble	VIII	Kinetic Communication Limited, Pune	19-Dec-23	20-Jun-24
24	25	Kalash Giridhar Khante	VIII	Primine Software Private Limited, Nagpur	1-Jan-24	1-Jun-24
25	26	Mohit Manoj Dongre	VIII	Makxenia Engineering Resource Pvt. Ltd, Nagpur	21-Dec-23	21-Jun-24
26	27	Gaurav Jayant Korde	VIII	Reliance Industries Ltd., Mumbai	18-Dec-23	31-May-24
27	28	Sakshi Ramesh Kurhadkar	VIII	Renu Electronic pvt Ltd, Pune	2-Jan-24	1-Jun-24
28	29	Shrutika Madhav Mahalle	VIII	Kinetic Communication Limited, Pune	1-Jan-24	30-Jun-24
29	30	Sandeep Ramkishor Maneshwar	VIII	Center of Excellence-EV (GHRCE), Nagpur	26-Dec-23	26-Jun-25
30	31	Himanshu Radhe-shyam Mendhe	VIII	Maharashtra Remote Sensing Application Centre, Nagpur	18-Dec-23	15-Jun-24
31	32	Aditya Shriram Meshram	VIII	Brandfinity.im, Nagpur	12-Dec-23	15-May-24
32	33	Anchal Gajanan Mojankar	VIII	Genz educate wing, Bengaluru karnataka	10-Jan-24	31-Jul-24
33	34	Sudhanshu Nogesh Mungole	VIII	Mechlab Innovations pvt. Ltd.,Andheri West, Mumbai	15-Dec-23	15-Jun-24

Sr. No	Roll No	Name of Students	Sem	Company Name	Duration	
					From	To
34	35	Parth Chandra-shekhar Munishwar	VIII	WebRelier Software Solutions Pvt. Ltd., Pune	16-Dec-23	16-Jun-24
35	37	Pavan Sanjay Giri	VIII	Makxenia Engineering Resource Pvt. Ltd, Nagpur	21-Dec-23	21-Jun-24
36	38	Brijesh Nitesh Ramteke	VIII	Kinetic Electric Motor PVT. LTD, Pune	18-Dec-23	18-May-24
37	39	Sneha Tansen Ramteke	VIII	GEECON System Pvt Ltd, Block C62 Bandra Kurla Complex Mumbai	16-Jan-24	16-Jul-24
38	40	Manish Kanhaiya Rathod	VIII	WebRelier Software Solutions Pvt. Ltd., Pune	16-Dec-23	16-Jun-24
39	42	Sahil Vilas Salunke	VIII	JSM India Infosys Pvt Ltd, Pune	15-Dec-23	15-Jun-24
40	43	Sanjog Bhojraj Shirode	VIII	Maharashtra Remote Sensing Application Centre, Nagpur	27-Dec-23	25-Jun-24
41	44	Shruti Purushottam Bhasme	VIII	Kinetic Electric Motor Pvt. Ltd, Pune	2-Jan-24	2-Jul-24
42	45	Swayam Pradeep Sontakke	VIII	Codemate IT services, Nagpur	1-Jan-24	30-Jun-24
43	46	Supriya Mohan Kanchewar	VIII	Center of Excellence - Signal Processing & Communication System, Nagpur	11-Jan-24	11-Jul-24
44	47	Khush Anand Tembhurnikar	VIII	Kinetic Electric Motor Pvt. Ltd., Pune	18-Dec-23	18-May-24
45	48	Pushkar Anil Kohade	VIII	Primathink Technologies Pvt Ltd ., Nagpur	26-Dec-23	25-Jun-24
46	49	Krutika Sanjay Thakre	VIII	Renu Electronic Pvt Ltd, Pune	2-Jan-24	1-Jun-24
47	50	Abhijeet Ranjeet Singh Thakur	VIII	Kinetic Electric Motor Pvt. Ltd, Pune	18-Dec-23	18-May-24
48	51	Sarang Pramod Malvi	VIII	Madhura Power Technologies Pvt. Ltd.	26-Dec-23	26-Jun-24
49	52	Janvi Kailash Wagh	VIII	Yoskies Aviation Centre, Pune	15-Dec-23	15-Jun-24

Sr. No	Roll No	Name of Students	Sem	Company Name	Duration	
					From	To
50	54	Shejal Keshao Walondre	VIII	Kinetic Electric Motor Pvt. Ltd, Pune	2-Jan-24	4-Jun-24
51	56	Purvesh Devesh Wandhare	VIII	Maharashtra Remote Sensing Application Centre, Nagpur	27-Dec-23	25-Jun-24
52	57	Parmesh Akash Yadav	VIII	Unisoft Technologies, Nagpur	22-Dec-23	12-Jun-24
53	58	Vikas Rajpati Yadav	VIII	Maharashtra Remote Sensing Application Centre, Nagpur	27-Dec-23	25-Jun-24
54	59	Roshan Pitambar Sahu	VIII	Epitome Components Pvt. Ltd. Ahmednagar, Maharashtra	18-Dec-23	18-Jun-24
55	60	Arpita Jitendra Shukla	VIII	EDULYT India, Delhi	1-Jan-24	30-Jun-24
56	61	Samruddhi Pravin Zilpe	VIII	Appxbuild Technologies Pvt. Ltd,Nagpur	18-Dec-23	18-Jun-24
57	62	Tejshree Umesh Tekade	VIII	Primathink Technologies Pvt. Ltd ., Nagpur	26-Dec-23	25-Jun-24
58	63	Tanushree Harshu Umredkar	VIII	Kinetic Communication Limited, Pune	19-Dec-23	20-Jun-24
59	65	Vaishnav Nilkanth Jalke	VIII	Maharashtra Remote Sensing Application Centre, Nagpur	27-Dec-23	25-Jun-24
60	66	Surbhi Dewanand Bhaskar	VIII	Yoskies Aviation Centre, Pune	15-Dec-23	15-Jun-24
61	67	Shreyanshi Suresh Akre	VIII	Kinetic Communication Limited, Pune	19-Dec-23	20-Jun-24
62	68	Harsh Prakash Gopwar	VIII	Kinetic Electric Motor Pvt. Ltd, Pune	18-Dec-23	18-May-24
63	69	Megha Kamlakar Utane	VIII	Tessera ITes Private Limited, Pune	25-Dec-23	25-Jun-24

1 Month Industry Internship

Sr. No	Roll No	Name of Students	Sem	Company Name	Duration	
					From	To
1	4	Arya Pramod Meshram	VII	SVV Enterprises Nagpur	12-Jun-23	12-Jul-23
2	9	Sarthak Wasudeo Bhole	VII	IT Networkz	7-Jun-23	18-Jul-23
3	10	Aditi Ravikiran Chandpurkar	VII	Clustor Computing, Nagpur	3-Jul-23	31-Aug-23
4	16	Vrushabh Khushalrao Dhote	VII	Asterisc Technocrat Pvt. Ltd.	1-Jun-23	31-Jul-23
5	23	Mrunmayi Shrinivas Kalejwar	VII	Anishree Technology LLP Nagpur	10-Jul-23	10-Aug-23
6	31	Himanshu Radhe-shyam Mendhe	VII	Siemens	12-Jun-23	12-Jul-23
7	33	Anchal Gajanan Mojankar	VII	Clustor Computing, Nagpur	3-Jul-23	31-Aug-23
8	37	Pavan Sanjay Giri	VII	Bharat Intern	10-Jun-23	10-Jul-23
9	38	Brijesh Nitesh Ramteke	VII	E-ArtTech.pvt.ltd	12-Jun-23	12-Jul-23
10	43	Sanjog Bhojraj Shirode	VII	OASIS INFO BYTE	15-Jul-23	15-Aug-22
11	56	Purvesh Devesh Wandhare	VII	Code Clause, Nagpur	1-Jul-23	1-Aug-23
12	57	Parmesh Akash Yadav	VII	Unisoft Tehnologies, Nagpur	2-May-23	3-Aug-23
13	65	Vaishnav Nilkanth Jalke	VII	Internpe, Nagpur	19-Jun-22	16-Jul-22
14	1	Abhijit Muralidhar Khadase	VI	Regional Meterological Centre, India Meteorological Department, Nagpur	18-Dec-23	19-Jan-24
15	4	Angha Bharat Kamdi	VI	IGN Software Pvt. Ltd., Nagpur	15-Apr-23	30-May-23
16	8	Aryan Akhlesh Pathak	VI	Circuitcy Technology Nagpur	18-Dec-23	18-Jan-24

Sr. No	Roll No	Name of Students	Sem	Company Name	Duration	
					From	To
17	9	Aryan Sunil Gomase	VI	Regional Meterological Centre, India Meteorological Department, Nagpur	18-Dec-23	19-Jan-24
18	11	Atharva Nagesh Gandhe	VI	Siemens, Visvesvaraya National Institute of Technology, Nagpur	12-Jun-23	12-Jul-23
19	13	Ayush Dongre	VI	Siemens, Visvesvaraya National Institute of Technology, Nagpur	12-Jun-23	12-Jul-23
20	14	Bhakti Nilesh Sarode	VI	Intechzia, Nagpur	13-Jun-23	13-Jul-23
21	16	Chandresh Vinod Banode	VI	Priya Wooden Die-making Laser Cutting, Nagpur	7-Dec-23	7-Jan-24
22	18	Dipesh Krushanarao Bobade	VI	Intechzia, Nagpur	13-Jun-23	13-Jul-23
23	19	Dishant Bhayyaji Nikhade	VI	Priya Wooden Die-making Laser Cutting, Nagpur	7-Dec-23	7-Jan-24
24	23	Jitendra Dnyaneshwar Mate	VI	N.T.P.C. Limited, Mouda	6-Jun-23	5-Jul-23
25	24	Kalyani Sunil Parate	VI	Regional Meterological Centre, India Meteorological Department, Nagpur	18-Dec-23	19-Jan-24
26	29	Nikhil Vinay Thakre	VI	Regional Meterological Centre, India Meteorological Department, Nagpur	18-Dec-23	19-Jan-24
27	30	Nikita Avinash Chhapparghare	VI	Regional Meterological Centre, India Meteorological Department, Nagpur	18-Dec-23	19-Jan-24
28	31	Om Waman Kondekar	VI	Siemens, Visvesvaraya National Institute of Technology, Nagpur	12-Jun-23	12-Jul-23

Sr. No	Roll No	Name of Students	Sem	Company Name	Duration	
					From	To
29	33	Prajwal Krushnarao Bhakare	VI	Siemens, Visvesvaraya National Institute of Technology, Nagpur	12-Jun-23	12-Jul-23
30	37	Pratik Kishor Satokar	VI	The Website Makers, Tadepalligudem(A.P)	8-Apr-24	8-May-24
31	40	Riya S. Kathariya	VI	Internpe, Nagpur	12-Jun-23	9-Jul-23
32	42	Roshani Vinod Uikey	VI	Internpe, Nagpur	12-Jun-23	9-Jul-23
33	43	Sadichha Dinesh Sonak	VI	Regional Meterological Centre, India Meteorological Department, Nagpur	18-Dec-23	19-Jan-24
34	45	Sakshi Pundlik Sakharkar	VI	Codem2te IT Services Pvt. Ltd.,	16-Dec-23	15-Jan-24
35	46	Samiksha Prabhakar Wadaskar	VI	IGN Software PVT. LTD., Nagpur	15-Apr-23	30-May-23
36	50	Shrushti Ankush Badole	VI	Internpe, Nagpur	15-Jan-24	11-Feb-24
37	53	Sneha Ravindra Kolte	VI	Nagpur Metro Rail Corporation Limited, Nagpur	14-Jul-23	31-Jul-23
38	58	Vedashri Pramod Palyadwar	VI	Internpe, Nagpur	12-Jun-23	9-Jul-23
39	64	Kuldeep Kushal Bhure	VI	The Website Makers	1-Nov-23	1-Dec-23
40	66	Jayesh Sanjay Sakure	VI	The Website Makers	1-Nov-23	1-Dec-23
41	67	Deeshant D. Wavarkar	VI	Priya Wooden Die-making Laser Cutting, Nagpur	7-Dec-23	7-Jan-24
42	70	Samir A. Pihul	VI	Ineuron Intelligence Pvt. Ltd, Banglore	26-Jan-24	23-Apr-24
43	72	Yash P. Khare	VI	Circuitcy Technology Nagpur	18-Dec-23	18-Jan-24
44	54	Umang Chandrakant Gayki	IV	TEXSPIN Bearings Ltd. Gujarat	7-Dec-23	3-Jan-24

15 Days NGO Internship

Sr. No	Roll No	Name of Students	Sem	Company Name	Duration	
					From	To
1	15	Samrudhi Vijay Bhoyar	VII	#togetherwecan foundation	1-Jul-23	15-Jul-23
2	2	Akanksha Dilip Gaigawali	VI	Sahyadri Foundation, Nagpur	15-Jun-23	30-Jun-23
3	4	Angha Bharat Kamdi	VI	Vidharbha Wanwasi Kalyan Ashram	11-Sep-23	26-Jun-23
4	5	Aniket Poonam Khadgi	VI	Sahyadri Foundation, Nagpur	15-Jun-23	30-Jun-23
5	6	Anjali Ananta Bhoyar	VI	HEEDS Foundation, Nagpur	5-Jun-23	20-Jun-23
6	7	Arushi Mukesh Rodge	VI	Sahyadri Foundation, Nagpur	15-Jun-23	30-Jun-23
7	12	Ayush Ashok Warokar	VI	Sarthi Foundation, Nagpur	16-Sep-23	1-Oct-23
8	13	Ayush Dongre	VI	Muskurahat Foundation	7-Feb-23	8-Mar-23
9	14	Bhakti Nilesh Sarode	VI	HEEDS Fourndation, Nagpur	26-Dec-23	25-Jan-24
10	15	Bhupesh Prabhakar Sunchuwar	VI	Sarthi Foundation, Nagpur	16-Sep-23	1-Oct-23
11	16	Chandresh Vinod Banode	VI	Pandit Dindayalji Upadhyay Antoday Foundation, Wardha	15-Jul-23	30-Jul-23
12	17	Devkumar Gajanan Haladkar	VI	Sahyadri Foundation, Nagpur	15-Jun-23	30-Jun-23
13	18	Dipesh Krushanarao Bobade	VI	HEEDS Foundation, Nagpur	26-Dec-23	25-Jan-24
14	19	Dishant Bhayyaji Nikhade	VI	Pandit Dindayalji Upadhyay Antoday Foundation, Wardha	15-Jul-23	30-Jul-23
15	20	Himanshu Sunil Khanorkar	VI	Sarthi Foundation, Nagpur	16-Sep-23	1-Oct-23
16	21	Himanshu Vasant Askar	VI	Sarthi Foundation, Nagpur	16-Sep-23	1-Oct-23

Sr. No	Roll No	Name of Students	Sem	Company Name	Duration	
					From	To
17	22	Hiteshwari Sanjay Rewatkar	VI	AAPAN Foundation Bahuuddeshiy Sanstha, Nagpur	20-Dec-23	25-Dec-23
18	24	Kalyani Sunil Parate	VI	Sahyadri Foundation, Nagpur	15-Jun-23	30-Jun-23
19	25	Kanak Milind Shende	VI	Sarthi Foundation, Nagpur	16-Sep-23	1-Oct-23
20	27	Manvi Anil Zararia	VI	AAPAN Foundation Bahuuddeshiy Sanstha, Nagpur	10-Dec-23	25-Dec-23
21	28	Mitanshu Prakash Ijankar	VI	Sarthi Foundation, Nagpur	16-Sep-23	1-Oct-23
22	29	Nikhil Vinay Thakre	VI	Sahyadri Foundation, Nagpur	15-Jun-23	30-Jun-23
23	30	Nikita Avinash Chhapparghare	VI	Sahyadri Foundation, Nagpur	15-Jun-23	30-Jun-23
24	34	Prajwal Pandurang Deshmukh	VI			
25	35	Prajwal Vinayak Lakadkar	VI	Sarthi Foundation, Nagpur	16-Sep-23	1-Oct-23
26	36	Pranay Raju Wardhekar	VI	ARPAN Bahuuddeshiy Sanstha, Nagpur	16-Dec-23	31-Dec-23
27	37	Pratik Kishor Satokar	VI	Sarthi Foundation, Nagpur	16-Sep-23	1-Oct-23
28	41	Rohan Shankapal Mankar	VI	Sahyadri Foundation, Nagpur	15-Jun-23	30-Jun-23
29	42	Roshani Vinod Uikey	VI	AAPAN Foundation Bahuuddeshiy Sanstha, Nagpur	10-Dec-23	25-Dec-23
30	43	Sadichha Dinesh Sonak	VI	Sahyadri Foundation, Nagpur	15-Jun-23	30-Jun-23
31	44	Sahil Sharad Wankar	VI	ARPAN Bahuuddeshiy Sanstha, Nagpur	16-Dec-23	31-Dec-23
32	45	Sakshi Pundlik Sakharkar	VI	Pandit Dindayalji Upadhyay Antoday Foundation, wardha	20-Dec-23	3-Jan-24

Sr. No	Roll No	Name of Students	Sem	Company Name	Duration	
					From	To
33	46	Samiksha Prabhakar Wadaskar	VI	Rashtriya Drushtihin Shikshan & Punarvasan Sanstha, Nagpur	1-Jul-23	15-Jul-23
34	48	Saurabh Kailash Wankhede	VI	ARPAN Bahuuddeshiy Sanstha, Nagpur	16-Dec-23	31-Dec-23
35	49	Shiwani Hemant Manapure	VI	Sarthi Foundation, Nagpur	16-Sep-23	1-Oct-23
36	50	Shrushti Ankush Badole	VI	Sahyadri Foundation, Nagpur	23-Jun-23	13-Jul-23
37	52	Shrutika Ishwarsingh Chauhan	VI	Green Leaders Foundation	4-Jun-23	4-Jul-23
38	53	Sneha Ravindra Kolte	VI	Sahyadri Foundation, Nagpur	15-Jun-23	30-Jun-23
39	54	Snehal Suresh Nimgade	VI	Petanity and Aninal Rehabilitators foundation, Chandrapur	8-Dec-23	25-Jan-23
40	58	Vedashri Pramod Palyadwar	VI	Muskurahat Foundation	3-Jul-23	1-Aug-23
41	60	Vrushali V. Rahate	VI	Jan Akrosh NGO, Nagpur	2-Aug-23	3-Sep-23
42	62	Yash Prashant Tidke	VI	ARPAN Bahuuddeshiy Sanstha, Nagpur	16-Dec-23	31-Dec-23
43	64	Kuldeep Kushal Bhure	VI	Pandit Dindayalji Upadhyay Antoday Foundation, Wardha	15-Jul-23	30-Jul-23
44	66	Jayesh Sanjay Sakure	VI	Pandit Dindayalji Upadhyay Antoday Foundation, Wardha	15-Jul-23	30-Jul-23
45	67	Deeshant D. Wavarkar	VI	Pandit Dindayalji Upadhyay Antoday Foundation, Wardha	15-Jul-23	30-Jul-23
46	68	Prajwal S. Thakare	VI	9TEEN Foundation, Nagpur	7-Dec-23	22-Dec-23
47	69	Rohit S. Singrol	VI	9TEEN Foundation, Nagpur	7-Dec-23	22-Dec-23
48	70	Samir A. Pihul	VI	9TEEN Foundation, Nagpur	7-Dec-23	22-Dec-23

Sr. No	Roll No	Name of Students	Sem	Company Name	Duration	
					From	To
49	71	Shruti S. Paspunurwar	VI	Sarthi Foundation, Nagpur	16-Sep-23	1-Oct-23
50	72	Yash P. Khare	VI	Pandit Dindayalji Upadhyay Antoday Foundation, Wardha	15-Jul-23	30-Jul-23
51	1	Aastha Anil Kalambey	IV	Leaders Club Nagpur	7-Dec-23	21-Dec-23
52	2	Abha Anil Hatzade	IV	Leaders Club Nagpur	7-Dec-23	21-Dec-23
53	3	Anishk Suresh Satghare	IV	Leaders Club Nagpur	7-Dec-23	21-Dec-23
54	4	Anushka Vasantrao Ashtankar	IV	Leaders Club Nagpur	7-Dec-23	21-Dec-23
55	5	Ashwini Sanjay Sarode	IV	Leaders Club Nagpur	7-Dec-23	21-Dec-23
56	6	Awanti Vijay Dumbhare	IV	Leaders Club Nagpur	7-Dec-23	21-Dec-23
57	7	Ayurshi Mahesh Moudekar	IV	Rotaract Nagpur	7-Dec-23	21-Dec-23
58	8	Bhushan Amar Khandal	IV	Leaders Club Nagpur	7-Dec-23	21-Dec-23
59	10	Deveshkumar Uttamkumar Patle	IV	Help Youth Foundation, Bhadara	15-Dec-23	30-Dec-23
60	11	Devyani Gajanan Belsare	IV	Sawata Mali Samaj Vikas Mandal Buldhana	7-Dec-23	21-Dec-23
61	12	Dewyani Satishchandra Date	IV	Rotaract Nagpur	7-Dec-23	21-Dec-23
62	13	Divya Bhushan Kalamkar	IV	Step Out Foundation, Nagpur	12-Dec-23	26-Dec-23
63	14	Falguni Shyam Bolakhe	IV	Step Out Foundation, Nagpur	12-Dec-23	26-Dec-23
64	15	Himanshu Tushar Singarwade	IV	Step Out Foundation, Nagpur	12-Dec-23	26-Dec-23
65	16	Himanshu Prakash Krupal	IV	Leaders Club Nagpur	7-Dec-23	21-Dec-23
66	17	Ishan Ritesh Bhongade	IV	Leaders Club Nagpur	7-Dec-23	21-Dec-23

Sr. No	Roll No	Name of Students	Sem	Company Name	Duration	
					From	To
67	18	Jayant Navanath Bhoyar	IV	Kalpvruksh Tree Foundation, Nagpur	19-Dec-23	3-Jan-24
68	20	Kartik Naresh Raut	IV	Kalpvruksh Tree Foundation, Nagpur	19-Dec-23	3-Jan-24
69	21	Kartik Tulsidas Vasake	IV	Kalpvruksh Tree Foundation, Nagpur	19-Dec-23	3-Jan-24
70	24	Maitree Sushant Pazare	IV	Step Out Foundation, Nagpur	12-Dec-23	26-Dec-23
71	25	Mangesh Ravindra Ghayal	IV	Leaders Club Nagpur	7-Dec-23	21-Dec-23
72	29	Neha Pramod Bhanarkar	IV	Anmol Foundation, Nagpur	5-Feb-24	20-Feb-24
73	31	Nirmal Sandip Zade	IV	Leaders Club Nagpur	7-Dec-23	21-Dec-23
74	32	Om Narendra Hatware	IV	Leaders Club Nagpur	7-Dec-23	21-Dec-23
75	33	Pari Vinay Borkar	IV	Kalpvruksh Tree Foundation, Nagpur	17-Mar-24	31-Mar-24
76	34	Pradnyokti Hiralal Mandaokar	IV	Kalpvruksh Tree Foundation, Nagpur	17-Mar-24	31-Mar-24
77	35	Pratik Bharat Raut	IV	Leaders Club Nagpur	7-Dec-23	21-Dec-23
78	36	Preet Bablu Vishwakarma	IV	Vishwas Bahuudesshiye Sanstha, Nagpur	11-Dec-23	25-Dec-23
79	37	Rishabh Ramveer Chauhan	IV	Leaders Club Nagpur	7-Dec-23	21-Dec-23
80	38	Rishi Prashant Borkar	IV	Kalpvruksh Tree Foundation, Nagpur	17-Mar-24	31-Mar-24
81	39	Rishikesh Trilok Pandit	IV	Leaders Club Nagpur	7-Dec-23	21-Dec-23
82	40	Rishiket Ashok Deshmukh	IV	Help Youth Foundation, Bhadara	15-Dec-23	30-Dec-23
83	42	Rutuja Vishnu Ambildhuke	IV	Leaders Club Nagpur	7-Dec-23	21-Dec-23
84	44	Saniya Abhay Shende	IV	Leaders Club Nagpur	7-Dec-23	21-Dec-23
85	46	Shweta Mohan Singh	IV	Anmol Foundation, Nagpur	5-Feb-24	20-Feb-24

Sr. No	Roll No	Name of Students	Sem	Company Name	Duration	
					From	To
86	48	Sudhanshu Sudarshan Sawalkar	IV	Leaders Club Nagpur	7-Dec-23	21-Dec-23
87	49	Sujal Gajanan Sapkal	IV	Maharashtra Shetkari Shetmajur Vikas Sanstha Katol	6-Dec-23	20-Dec-23
88	50	Sujal Gendlal Jaiswal	IV	Leaders Club Nagpur	7-Dec-23	21-Dec-23
89	51	Sujal Sandeep Ghode	IV	Step Out Foundation, Nagpur	15-Dec-23	29-Dec-23
90	56	Utkarsha Yogeshwar Sakure	IV	Leaders Club Nagpur	7-Dec-23	21-Dec-23
91	57	Vaibhavi Avinash Mahajan	IV	Anmol Foundation, Nagpur	5-Feb-24	20-Feb-24
92	58	Vaibhavi Devchand Thote	IV	Anmol Foundation, Nagpur	5-Feb-24	20-Feb-24
93	59	Vaishali Rajabhau Jogi	IV	Anmol Foundation, Nagpur	5-Feb-24	20-Feb-24
94	60	Vedant Manoj Thawari	IV	Leaders Club Nagpur	7-Dec-23	21-Dec-23
95	61	Veena Vijay Narnaware	IV	Maharashtra Shetkari Shetmajur Vikas Sanstha Katol	6-Dec-23	20-Dec-23
96	63	Yashshree Ramesh Khedkar	IV	Anmol Foundation, Nagpur	5-Feb-24	20-Feb-24
97	64	Aditi Meshram	IV	Anmol Foundation, Nagpur	18-Dec-23	1-Jan-24
98	65	Suhani Khandetod	IV	Anmol Foundation, Nagpur	18-Dec-23	1-Jan-24
99	66	Yogita Mirge	IV	Anmol Foundation, Nagpur	18-Dec-23	1-Jan-24
100	70	Roshani Upadhyay	IV	Anmol Foundation, Nagpur	5-Feb-24	20-Feb-24
101	72	Sheikh Shahadaab Karim	IV	Anmol Foundation, Nagpur	5-Feb-24	20-Feb-24

Publication In Journal

Group No.	Project Name	Roll No.	Name of Projectees	Paper Presentation / Journal Publication in Conference / Journal	Name of Guide
G1	Smart Grocery Vending Shopping System	30 51 5 66	Sandeep Maneshwar Sarang P. Malvi Shreyash P. Babhare Surbhi Dewanand Bhaskar	Technische Sicherheit (Techical Security) Scopus & UGC Care Group 2 Journal, "Smart Grocery Vending Shopping System". Vol.23, Issue:10, Oct. 2023. DOI:106.0006.SAH. ISSN:1434-9728	Dr. Sanket Kasturiwala
G2	Exhaust Air Energy Recovery System for Power Generation and Monitoring	57 56 43 6 9 65	Parmesh A. Yadav Purvesh Wandhare Sanjog B. Shirode Sanket S. Bankar Sarthak W. Bhole Vaishnav N. Jalke	International Research Journal of Modernization in Engineering Technology & Science, "Exhaust Air Energy Recovery System for Power Generation & Monitoring", Vol.5, Issue:11, Nov.2023. eISSN:2582-5208	Dr. Ravi Mishra
G3	Wireless Charging Station Using IOT for Electric Vehicle	10 33 40 48 15 63	Aditi Chandpurkar Anchal G. Mojankar Manish K. Rathod Pushkar A. Kohade Samrudhi V. Bhoyar Tanushree H. Umredkar	International Research Journal of Modernization in Engineering Technology and Science, "Wireless Charging Station usinf IoT for Electric Vehicle" Vol.5, Issue:11, Nov.2023. eISSN:2582-5208	Prof. Purushottam Chawke
G4	2 in 1 (Laser Engraver & CNC Cutting Machine)	2 60 20 52 25 58	Aliya Md Arif Sayyad Arpita J. Shukla Sakshi S. Gonde Janvi K. Wagh Kalash G. Khante Vikas R. Yadav	International Research Journal of Engineering and Technology (IRJET),"2 in 1 LASER Engraving & CNC Cutting Machine", Vol.10, Issue 11, Nov. 23, eISSN:2395-0056	Prof. Prajakta Upadhye
G5	Smart Electronics Security System	69 26 22 37 59	Megha K. Utane Mohit Manoj Dongre Parth N. Chauhan Pavan Sanjay Giri Roshan P. Sahu	International Research Journal of Modernization in Engineering Technology and Science, "Secure Home Automation using Node-MCU", Vol.5, Issue:11, Nov.2023. eISSN:2582-5208	Prof. Vishal Jaiswal
G6	SkyCargo: Self-Navigating Delivery Drone	50 11 12 31 49 61	Abhijeet Singh Thakur Darshan Chaudhari Deep S. Ghoshal Himanshu R. Mendhe Krutika S. Thakre Samruddhi P. Zilpe	International Journal of Innovative Science & Research Tech. (IJISRT), "SkyCargo: Self-Navigating Delivery Drone", Vol.8, Issue 11, Nov.23. ISSN: 2456-2165.	Prof. Sucheta Raut

Group No.	Project Name	Roll No.	Name of Projectees	Paper Presentation / Journal Publication in Conference / Journal	Name of Guide
G7	Battery Management System with Controlling and Monitoring	1 38 17 8 42 35	Aman K. Gurunule Brijesh N. Ramteke Divya L. Kadam Kunal Shriram Bhade Sahil Vilas Salunke Parth C Munishwar	International Journal of Innovative Research in Computer and Comm. Engg. (IJIRCCE), "Enhancing Battery Performance and Safety through Battery Management System Monitoring and Cntrolling", Vol.11, Issue:11, Nov. 2023. eISSN:2320-9801.	Prof. Swati Hadke
G8	Automatic Smart Shopping Trolley with Billing	19	Aishwarya K. Giri	International Research Journal of Engineering & Technology (IRJET), "Automatic Smart Shopping Trolly with Billng", Vol.10, Issue 12, Dec. 23, eISSN:2395-0056	Dr. Swati Dixit
G9	Fingerprint Based Exam. Attendance System	32 28 64 16	Aditya S. Meshram Sakshi R. Kurhadkar Vishal R. Choudhary Vrushabh K. Dhote	International Research Journal of Modernization in Engineering Technology & Science, "Fingerprint Based Exam. Attendance System", Vol.5, Issue:11, Nov.2023. eISSN:2582-5208	Dr. Devashree Marotkar
G10	GSM based Gas and Fire Accident Avoiding System	24 67 39 34 46	Ayush D Kamble Shreyanshi S. Akre Sneha T. Ramteke Sudhanshu Mungole Supriya Kanchewar	National Conference on researches in Science and Technology (NCRST-2023), 4th Nov. 2023, Mumbai."GSM Based Gas and Fire Accident Avoiding System".	Prof. Shubhangini Ugale
G11	IOT Based Vehicle Accident Detection Alert System Using Arduino	27 3 18 54 44 45	Gaurav J. Korde Mrunmayee Anturkar Sanskruti V. Diwate Shejal K. Walondre Shruti P. Bhasme Swayam P. Sontakke	International Journal of Innovative Research in Computer and Comm. Engg. (IJIRCCE),"Vehicle Accident Detection Alert System using Arduino Based IoT", Vol.11, Issue:11, Nov. 2023.eISSN:2320-9801.	Prof. Priyanka Chopkar

Publication In Conference

Group No.	Roll No.	Name of Projectees	Title of Paper	Name of Guide	Publication in Conference
G1	30 51 5 66	Sandeep Maneshwar Sarang Pramod Malvi Shreyash P. Babhare Surbhi D. Bhaskar	Smart Grocery Vending Shopping System	Dr. Sanket Kasturiwala	International Conference on Advanced communication, energy and Big data-2024, Date:15th and 16th March 2024
G2	57 56 43 6 9 65	Parmesh Akash Yadav Purvesh D. Wandhare Sanjog B. Shirode Sanket S. Bankar Sarthak W. Bhole Vaishnav N. Jalke	Exhaust Air Energy Recovery System for Power Generation and Monitoring	Dr. Ravi Mishra	International Conference on Advanced communication, energy and Big data-2024, Date:15th and 16th March 2024
G7	1 38 17 8 42 35	Aman K. Gurunule Brijesh N. Ramteke Divya L. Kadam Kunal Shriram Bhade Sahil Vilas Salunke Parth C Munishwar	Battery Management System with Controlling and Monitoring	Prof. Swati Hadke	International Conference on Advanced communication, energy and Big data-2024, Date:15th and 16th March 2024
G8	19 7 23 29 62	Aishwarya Kailash Giri Darshana Bawane Mrunmayi S Kalejwar Shrutika Mahalle Tejshree U. Tekade	Automatic Smart Shopping Trolley with Billing	Dr. Swati Dixit	International Conference on Advanced communication, energy and Big data-2024, Date:15th and 16th March 2024
G9	32 28 64 16	Aditya S. Meshram Sakshi R. Kurhadkar Vishal R. Choudhary Vrushabh K. Dhote	Fingerprint Based Exam. Attendance System	Dr. Devashree Marotkar	International Conference on Advanced communication, energy and Big data-2024, Date:15th and 16th March 2024
G10	24 67	Ayush D Kamble Shreyanshi S. Akre	GSM based Gas and Fire Accident Avoiding System	Prof. Shubhangini Ugale	National Conference on researches in Science and Technology (NCRST-2023), Best Paper Award

Guest Lecture From IIT/NIT

Sr. No	Date of Conduction	Beneficiary Students	Name of Expert	Institute
1	11/09/2023	5th Sem ETC	Dr. Bijayananda Patnaik	NIT Raipur
2	12/09/2023	3rd Sem ETC	Dr. Pradnya H Ghare	VNIT Nagpur
3	12/09/2023	5th Sem ETC	Dr. Ankit Ashokrao Bhurane	VNIT Nagpur
4	21/09/2023	5th Sem ETC	Dr. Mohammad Farukh Hashmi	NIT Warangal
5	13/10/2023	7th Sem ETC	Dr. Vishal Ramesh Satpute	VNIT Nagpur
6	27/10/2023	3rd Sem ETC	Dr. Tushar S. Muratkar	IIIT Nagpur

Glimpses Of Guest Lecture













Online Expert Lecture on topic "Spread Spectrum Techniques" Organized by ETC department for students of 5th Semester GHRIET, Nagpur





Online expert lecture was organized on 11/09/2023 by Department of Electronics and Telecommunication Engineering for students of 5th Semester ETC at GHRIET, Nagpur. The lecture was on Digital Communication subject which was conducted online on Webex. The lecture was delivered by Dr. Bijayananda Patnaik working as an Associate Professor at National Institute of Technology, Raipur in the Department of Electronics and Communication Engineering. This lecture helped the students to understand the various concepts regarding Spread Spectrum Methods, during the session sir has covered topic such as PN Sequence, Direct Sequence Spread Spectrum, Frequency Hopping, slow and fast frequency hopping, concept of Jamming & Performance analysis and GNU Radio.

The expert lecture concluded with a question answering session, during which the expert Dr. Bijayananda Patnaik 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.

Dr. Ravi Mishra & Mr. Purushottam Y. Chawke coordinated this expert lecture under the guidance of Dr. Devashree Marotkar, Head of Dept. ETC & Dr. Vivek Kapur, Director of GHRIETN.

Expert Lecture of on topic " PLL 565 and IC 555" for the course Analog Integrated Circuits organized by ETC department for students of 3rd Semester ETC, GHRIETN





Expert lecture was organized on 12/09/2023 by Department of Electronics and Telecommunication Engineering for students of 3rd Semester ETC at GHRIET, Nagpur in Room No.303. The lecture was on the course Analog Integrated Circuits. The topic of the expert lecture was "PLL 565 and IC 555".

The lecture was delivered by Dr. Pradnya Ghare, Assistant Professor at VNIT, Nagpur in Electronics Communication Engineering Department. This lecture helped students to understand the internal circuit and working of IC 555, its various modes of operation, applications of IC 555, internal circuit and working of PLL, VCO and 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 54 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 Dr. Ravi Mishra, Event Coordinator 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 the topic "Introduction to LPC 2148" Organized by ETC department for students of 5th Semester GHRIET, Nagpur





Online expert lecture was organized on 12/09/2023 by Department of Electronics and Telecommunication Engineering for students of 5th Semester ETC at GHRIET, Nagpur. The lecture was on Embedded System Design and RTOS subject which was conducted on 12/09/2023. The lecture was delivered by Dr. Ankit Bhurane working as an Assistant Professor at Visvesvaraya National Institute of Technology (VNIT Nagpur) in the Department of Electronics and Communication Engineering. This lecture helped the students to understand the various concepts regarding LPC 2148, during the session Sir has covered various topics such as Features of LPC 2148, Comparison between CISC and RISC Processor, Creating Hex file using Proteus Software, GPIO of LPC 2148, Concept of Pin connect block & Pin Configuration of LPC 2148.

The expert lecture concluded with a question answering session, during which the expert Dr. Ankit Bhurane 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.

Dr. Ravi Mishra coordinated this expert lecture under the guidance of Dr. Devashree Marotkar, Head of Dept. ETC and Dr. Vivek Kapur, Director of GHRIETN.

ALUMNI INTERACTION

Sr.No	Name of Students	Date
1	Mr. Ashish Chinchkhede	17/08/23
2	Mr. Ketan Gurav	29/09/23
3	Ms.Khushboo Dwivedi	23/02/24
4	Mr. Vivek Rahangadle	18/03/24

Glimpses of Alumni Interaction











PRAGYOTSAV

Sr.No	Name of Event	No. of students Registration
1	Project Competition	56
2	Anime Graphic Design Character	60
3	Coding Hackathon	36
4	LAN Gaming- BGMI	134

PROJECT COMPETITION









The Project Competition was organized under the PRAGYOTSAV 2024 (National Level Technical Fest) on 16/02/24 at 1100 AM in Room No 301 for the academic year 2023-24 Total 16 project groups of various colleges had participated in the event Overall 56 students participated in the event

Dr. Sanket Kasturiwala, Assistant Professor of Electronics and Telecommunication Engineering Department judged the event and winners were declared as follows:

- **First Prize Winners :** Mr. Shravan Kawale, Ms. Tanisha Bokde, Nagpur
- **Second Prize Winners:** Mr. Amrut Paunikar, Ms. Damini Chachane, Mr. Aryan Nagardhankar, Mr. Yash Battighare, (PJLCE and JD college of Engineering) Nagpur

Dr. Ravi Mishra coordinated this event under the guidance of Dr Devashree Marotkar, HOD ETC and Dr. Vivek Kapur, Director of GHRIETN.

Anime Graphic Design Character

The Anime Graphic Design Character Competition was organized under the PRAGYOTSAV 2024 (national level Technical Fest) on 17/02/24 at 100 PM in Room NO 301 for the academic year 2023-24 Total 60 participants of various colleges had participated in the event

Manisha Tambulkar, ST XAVIER'S High School Hiwari Nagar Nagpur Judged the event and winners were declared as follows:

- **First Prize Winners :** Ms Shruti Nakhate, GHRIET, Nagpur
- **Second Prize Winners:** Ms Roshani Upadhye, GHRIET, Nagpur

Dr Shubhangini Ugale coordinated this event under the guidance of Dr Devashree Marotkar,HOD ETC Department and Dr Vivek Kapur, Director of GHRIETN





Glimpse of an event

Event: Coding Hackathon Date: Tuesday, 17th February 2024

Department of Electronics & Telecommunication Engineering has organized Coding Hakathon technical event under the Pragyotsav- 2024. In this competition, total 18 teams (2 members in each team) were participated from GHRC, PCE and GHRIET engineering and polytechnic colleges from Nagpur.In this competition total 3 rounds were conducted. First two rounds were based on objective questions related to the technical knowledge of various coding languages like C++, python etc. 11 teams were qualified from these round.

In third round, problem statements were given to the students which they have to program correctly within the given time limit. Two teams were immerged as a top programmer. Which were further felicitated by the respective judges.

GHRCE 2nd year IT, Nagpur Team (Mr. Mirza Baig & Mr. Md. Izan Khan) was the Winner and GHRCE 2nd year CSE, Nagpur team (Mr. Jagesh Parshuramkar & Mr. Vaibhav Kanoji) was the Runner-up of this event.

Ms. Sucheta Raut Assistant Professor ETC Department, GHRIET Nagpur, along with Mr. Prajwal Bhakare and Mr. Sameer Pihul, VI semester ETC students coordinated this event under the guidance of Dr. Devashree Marotkar, Head of Dept. ETC and Dr. Vivek Kapur, Director of GHRIET Nagpur.







LAN GAMING –BGMI

The LAN GAMING-BGMI Competition was organized under the PRAGYOTSAV 2024 (National Level Technical Fest) on 16/2/24 & 17/2/24 at 1100 AM in Room NO 303 for the academic year 2023-24 Total 34 Teams of various colleges had participated in the event Overall, 134 students participated in the event

Winners were declared as follows:

- **First Prize Winners :** Harsh Kukade, Ashhar Raza, Nikhil Singh, Prateek Raut
- **Second Prize Winners:** Preshit Dhabarde, Chetan Manankar, Dhruv Anand, Bangari Abhijeet Mahipal

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









PEER TEACHING

Peer teaching was organized on 18/11/2023 by Department of Electronics and Telecommunication Engineering for students of 3rd Sem ETC at GHRIET, Nagpur The lecture was on Analog Integrated Circuits subject The lecture was delivered by Ms Samrudhi Bhoyar student of 5th semester Electronics and Telecommunication Engineering, GHRIET This lecture helped the students to understand the concepts regarding GATE numerical and how to solved During his lecture she have covered all the numerical available in GATE previous questions papers

The peer teaching concluded with a question answering discussion, during which the Ms Samrudhi Bhoyar responded to all the questions asked by the students Total 49 students had attended this peer teaching Students also learned immensely from the information and expertise provided by the 5th sem student Feedback has taken from the students and its impact analysis gives the good results Students requested to have such more session in future

Ms Priyanka Chopkar coordinated this peer teaching under the guidance of Dr Devashree Marotkar, Head of Department ETC and DrVivek Kapur, Director of GHRIETN









ELECTION





Heartz Forum Installation

Department of Electronics And Telecommunication Engineering of G.H. Raisoni Institute of Engineering and Technology, Nagpur organized the installation ceremony student forum "HEARTZ" on 19th August 2023. The program was inaugurated with Saraswati Vandana followed by welcome dance performed students of ETC Department, Ms. Preet Vishwakarma along with groups.

The forum President Mr. Sanjog Shirode addressed students with his future plan. Ms. Shubhangini Ugale, HEARTZ forum incharge explained importance of forum to the students and encourage them to participate & coordinate different activities conduct at departmental as well as college level. Badges distribution ceremony for elected core members of HEARTZ committee and President and Vice President of Photography, Drone and Robotics club has been done.

Dr. Devashree Marotkar, HOD of ETC department congratulated all office bearers and given best wishes for their future. Dr. Vivek Kapur, Director of GHRIETN enlightened the students with his words of wisdom and he put forward his expectations from them.

Mr. Devkumar Haladkar, Vice President of HEARTZ committee proposed the vote of thanks.

GLIMPSES OF HEARTZ



TOPPERS 2022-23

3RD SEMESTER



Astha Kalambey
SGPA: 9.75



Maitree Pazare
SGPA: 9.40



Rutuja Ambildhukte
SGPA: 9.30

5TH SEMESTER



Devkumar Haladkar
SGPA: 9.45



Dipesh Bobade
SGPA: 9.41



Sadiccha Sonak
SGPA: 9.18

7TH SEMESTER



Arpita Shukla
SGPA: 9.55



Rohan Sahu
SGPA: 9.55



Sandeep Maneshwar
SGPA: 9.55

ADVANTURE CAMP









ANTARAGNI- 2K24



SABRANG WINNER







PRIZE DISTRIBUTION








FASHION SHOW












INDUSTRIAL VISIT

Event	Date	Semester	Beneficiary Students
Industrial Visit at Lokmat Printing Press, Nagpur	09/09/2023	5th	24
Industrial Visit at Maharashtra Remote	27/09/2023	7th	60
Sensing Application Center (MRSAC) Nagpur			
Industrial Visit at Shivam Food (Parle-G), Nagpur	13/10/2023	3rd	60
Industrial Visit at Regional Meteorological Center (RMC) Nagpur	18/10/2023	7th	63



Lokmat Printing Press, Nagpur



Maharashtra Remote Sensing Application Center (MRSAC) Nagpur



Regional Meteorological Center (RMC) Nagpur





Shivam Food (Parle-G) Nagpur

Placement 2023-24

Sr. No	Year	Name of Students Placed	Program Graduated from	Name of the Employer	Pay Package at Appointment
1	2023-24	Aliya Md Arif Sayyad	Electronics and Telecommunication Engg.	Xogene Solutions Pvt. Ltd. Gurugram, Haryana, India	6 L/A
2	2023-24	Mrunmayee Narendra Anturkar		Xogene Solutions Pvt. Ltd. Gurugram, Haryana, India	6 L/A
3	2023-24	Darshana Madhav Bawane		Xogene Solutions Pvt. Ltd. Gurugram, Haryana, India	6 L/A
4	2023-24	Kunal Shriram Bhade		Xogene Solutions Pvt. Ltd. Gurugram, Haryana, India	6 L/A
5	2023-24	Aditi Ravikiran Chandpurkar		Xogene Solutions Pvt. Ltd. Gurugram, Haryana, India	6 L/A
6	2023-24	Deep Surojit Ghoshal		Xogene Solutions Pvt. Ltd. Gurugram, Haryana, India	6L/A
7	2023-24	Shreyash Pandurang Babhare		Makxenia Engineering Resource Pvt.Ltd., Nagpur	1.7 L/A
8	2023-24	Sanket Sabidas Bankar		TATA Consultancy Services Ltd.(TCSL), Pune	3.4 L/A
9	2023-24	Sarthak Wasudeo Bhole		Capgemini Technology Services India Limited, Navi Mumbai	4.5 L/A
10	2023-24	Gaurav Rajeshkumar Deshmukh		Civica Resource Pvt. Ltd. Vadodara, Gujarat	2 L/A
11	2023-24	Vrushabh Khushalrao Dhote		Civica Resource Pvt. Ltd. Vadodara, Gujarat	2 L/A
12	2023-24	Sanskruti Vinod Diwate		Civica Resource Pvt. Ltd. Vadodara, Gujarat	2 L/A
13	2023-24	Sakshi Sachin Gonde		Civica Resource Pvt. Ltd. Vadodara, Gujarat	2 L/A
14	2023-24	Tilak Manohar Hatwar		Civica Resource Pvt. Ltd. Vadodara, Gujarat	2 L/A
15	2023-24	Sudhanshu Nogesh Mungole		MECHLAB Innovations, Mumbai	2.4 L/A
16	2023-24	Ayush Dhirajanand Kamble		CORIZO, Bengaluru, Karnataka	4 L/A
17	2023-24	Mohit Manoj Dongre		CORIZO, Bengaluru, Karnataka	4 L/A
18	2023-24	Sakshi Ramesh Kurhadkar		CORIZO, Bengaluru, Karnataka	4 L/A
19	2023-24	Sandeep Ramkishor Maneshwar		CORIZO, Bengaluru, Karnataka	4 L/A

Placement 2023-24

Sr. No	Year	Name of Students Placed	Program Graduated from	Name of the Employer	Pay Package at Appointment
20	2023-24	Aditya Shriram Meshram	Electronics and Telecommunication Engg.	CORIZO, Bengaluru, Karnataka	4 L/A
21	2023-24	Anchal Gajanan Mojankar		CORIZO, Bengaluru, Karnataka	4 L/A
22	2023-24	Pavan Sanjay Giri		Stanza living, Gurugram, Haryana, India	3 L/A
23	2023-24	Sneha Tansen Ramteke		Stanza living, Gurugram, Haryana, India	3 L/A
24	2023-24	Manish Kanhaiya Rathod		Stanza living, Gurugram, Haryana, India	3 L/A
25	2023-24	Sahil Vilas Salunke		Stanza living, Gurugram, Haryana, India	3 L/A
26	2023-24	Krutika Sanjay Thakre		Capgemini Technology Services India Limited, Navi Mumbai	4.5 L/A
27	2023-24	Sarang Pramod Malvi		Madhura Power Technologies Pvt. Ltd., Pune	3.75 L/A
28	2023-24	Shruti Purushottam Bhasme		MyCaptain, Bengaluru, Karnataka	4 L/A
29	2023-24	Shejal Keshao Walondre		MyCaptain, Bengaluru, Karnataka	4 L/A
30	2023-24	Parmesh Akash Yadav		MyCaptain, Bengaluru, Karnataka	4 L/A
31	2023-24	Abhijeet Ranjeet Singh Thakur		My Captain, Bengaluru, Karnataka	4 L/A
32	2023-24	Khush Anand Tembhurnikar		My Captain, Bengaluru, Karnataka	4 L/A
33	2023-24	Pushkar Anil Kohade		My Captain, Bengaluru, Karnataka	4 L/A
34	2023-24	Arpita Jitendra Shukla		Accenture Solutions Private Limited, Nagpur	4.5 L/A
35	2023-24	Megha Kamlakar Utane		Cytobiologics Pvt. Ltd., Sangareddy (Dist), Telangana	1.8 L/A
36	2023-24	Samruddhi Pravin Zilpe		Cytobiologics Pvt. Ltd., Sangareddy (Dist), Telangana	1.8 L/A

Placement 2023-24

Sr. No	Year	Name of Students Placed	Program Graduated from	Name of the Employer	Pay Package at Appointment
37	2023-24	Vikas Rajpati Yadav	Electronics and Telecommunication Engg.	Cytobiologics Pvt. Ltd., Sangareddy (Dist), Telangana	1.8 L/A
38	2023-24	Vaishnav Nilkanth Jalke		Cytobiologics Pvt. Ltd., Sangareddy (Dist), Telangana	1.8 L/A
39	2023-24	Shreyanshi Suresh Akre		Cytobiologics Pvt. Ltd., Sangareddy (Dist), Telangana	1.8 L/A
40	2023-24	Roshan Pitambar Sahu		Cytobiologics Pvt. Ltd., Sangareddy (Dist), Telangana	1.8 L/A

FAREWELL 2K24









SIGN OUT DAY









STAY CONNECTED

Name of Students	Contact No.
Aditi Chandpurkar	9175951189
Aishwarya Giri	9156847442
Aliya Md Arif Sayyad	9764351187
Anchal Gajanan Majonkar	8007537212
Arpita shukla	8329016791
Darshana Bawane	8847785248
Divya kadam	9322716995
Janvi Wagh	8010321102
Kalash Khante	9049140073
Krutika Thakre	9370971629
Megha Kamlakar Utane	9604795014
Mrunmayee Narendra Anturkar	9168452660
Mrunmayi Shrinivas Kalejwar	9359599418
Nupoor Dhomane	9325522005
Sakshi Ramesh kurhadkar	8956166150
SAKSHI GONDE	9665084296
Samrudhi Vijay Bhoyar	9503798306
Samruddhi Pravin Zilpe	9325416258
Sanskruti diwate	9021799618
Shejal Keshao Walondre	7057086059
Shreyanshi Suresh Akre	8669746548
Shruti Bhasme	7385307479
Shrutika Mahalle	7666353748
Sneha Tansen Ramteke	9322671475
Supriya Mohan Kanchewar	7083693814
Surbhi Bhaskar	9028970601
Tanushree Harshu Umredkar	9172704480

Name of Students	Contact No.
Tejshree Umesh Tekade	9834630820
Abhijeet Singh Thakur	7709406592
Aditya Shriram Meshram	8329057441
Aman Gurunule	9373143272
Arya Meshram	9172993364
Ayush Kamble	8626022830
Brijesh Nitesh Ramteke	9767146824
Darshan Chaudhari	9420839735
Deep Ghoshal	9552301905
Gaurav Korde	7559131956
Gaurav Rajeshkumar Deshmukh	9975619707
harsh gopwar	8888517106
Himanshu R.Mendhe	9309536384
Khush tembhurnikar	7249831245
Kunal Paithankar	9325476277
Kunal bhade	7262995719
Manish Kanhaiya Rathod	7887720618
Mohit Manoj Dongre	9158570134
Parmesh yadav	7875964858
Parth Munishwar	7507041511
Parth Naresh Chauhan	7888132570
Pavan Giri	8554839210
Pranay Sunil Wakode	7517881893
Purvesh Wandhare	9322531598
Pushkar Anil Kohade	9172668870
Roshan Pitambar Sahu	9890166221
Sahil Vilas Salunke	9511865258

STAY CONNECTED

Name of Students	Contact No.
Sandeep Maneshwar	9730119290
Sanjog shirode	9112393906
Sanket Bankar	9579460654
Sarang Promod Malvi	7276771926
Sarthak Wasudeo Bhole	7249561397
SHREYASH BABHARE	8459439631
Shreyash Anant Patil	7775824276
Sudhanshu Nogesh Mungole	9270866028

Name of Students	Contact No.
Swayam sontakke	9623503822
Tilak hatwar	7776005127
Vaishnav N. Jalke	9356841852
Vikas Yadav	8862090922
Vishal Choudhary	7517532184
Vrushabh Khushalrao Dhote	8830638458
Yash Sandeep Khadakkar	7278505597