



**Department of Electronics and Telecommunication Engineering**

**Summary Sheet**

<b>Sr.No</b>	<b>Name of Activity</b>	<b>Date</b>	<b>No.of Students Present</b>	<b>Awards</b>
1	Blood Donation Camp	25 February 2025	88	-
2	Expert Talk on "Industry 4.0: Transforming Careers with Emerging Technologies"	11 February 2025	67	-
3	Debate Competition' under "Vachan Sankalp Maharashtra"	13 January 2025.	25	2
4	Indoor Sports Tournament	04 January 2025	9 Department	4 Winner 4 Runner
5	Expert Talk on "Empowering Innovations with Robotics & AI"	09 December 2024	95	-
6	Expert Talk on Future Proofing your career : The role of cloud computing in IT and Employment	29 August 2024	90	-
7	Battlegrounds Mobile India Tournament	28 August 2024	36	-
8	Expert Talk on Cybersecurity	23 August 2024	48	-
9	Online Poster Making Competition on Anti-Ragging Week	17 August 2024	17	2
10	One Day Skill course on AI Tool	07 August 2024	150	-
11	Two days Adventure Camp at Saikheda	12 and 13 July 2024	52	-

# **Activity Report**

## ONE PAGE REPORT

### “BLOOD DONATION CAMP ORGANIZED BY NSS CELL, GHRCE ”

<b>Topic:</b>	Blood Donation Camp
<b>Date of Event:</b>	25/02/2025
<b>Organized by:</b>	NSS Cell, ETC Department
<b>Venue:</b>	G-21 Hall, GHRCE
<b>Department/Class/Semester/Sections:</b>	All Department , GHRCE
<b>No. of Beneficiaries:</b>	88

The NSS Cell of GHRCE, in collaboration with GSK Blood Centre, Ramdaspath, Nagpur, organized a Blood Donation Camp on **25<sup>th</sup> February 2025** at G21 Hall, GHRCE. This noble initiative aimed to encourage voluntary blood donation and spread awareness about its importance. The event was honoured by the presence of Dr. G. S. Khandelwal, Trustee of GSK Blood Centre, along with his expert medical team. He engaged with students, emphasizing how a single unit of blood can save up to three lives and debunking myths surrounding blood donation. His words inspired many to step forward for this selfless cause. The response was overwhelming, with **88 donors**, including students and staff, coming together to make a difference. Each donor was appreciated with refreshments, certificates, and gifts, acknowledging their contribution to this life-saving mission. This impactful event was executed by 15 NSS Volunteers and led by Dr. Mangesh Bhorkar, NSS Program Officer, under the guidance of Dr. Sachin Untawale, Director, GHRCE. Their unwavering support ensured the smooth execution of the camp. The Blood Donation Camp was a resounding success, reinforcing the spirit of compassion and social responsibility among students. The NSS Cell of GHRCE remains committed to organizing more such initiatives that create a lasting impact on society.



## ONE PAGE REPORT

Expert Talk on “Industry 4.0: Transforming Careers with Emerging Technologies”

<b>Topic:</b>	Expert Talk on “Industry 4.0: Transforming Careers with Emerging Technologies”
<b>Date of Event:</b>	11/02/2025
<b>Organized by:</b>	Electronics and Telecommunication Engineering
<b>Name of Expert</b>	Mr.Allan Abraham, Director, SS Infotech Pvt Ltd, Nagpur
<b>Venue:</b>	E-08
<b>Department/Class/Semester/Sections:</b>	IV & VI Semester
<b>No. of Beneficiaries:</b>	67

The Department of Electronics and Telecommunication Engineering at G H Raisonni College of Engineering, Nagpur, successfully organized an expert talk on “Industry 4.0: Transforming Careers with Emerging Technologies” on 11th February 2025. The session was conducted by Mr. Allan Abraham, Director, SS Infotech Pvt. Ltd., Nagpur, and was attended by 67 students from IV and VI Semester at Venue E-08.

Mr. Allan Abraham provided an insightful overview of Industry 4.0, emphasizing its key components such as Artificial Intelligence (AI), Internet of Things (IoT), Big Data, Cloud Computing, and Automation. He highlighted the impact of these emerging technologies on various industries and how students can align their skills to meet the demands of the evolving job market. The session was highly interactive, with students engaging in discussions on career opportunities, required skill sets, and industry expectations. Real-world case studies and live demonstrations enhanced the learning experience, making the session more impactful.

The expert talk concluded with a discussion session, where students gained further clarity on career prospects and technological advancements. The event was well-received by the attendees, who appreciated the valuable insights shared by the expert. The department expresses gratitude to Mr. Allan Abraham for his time and expertise.

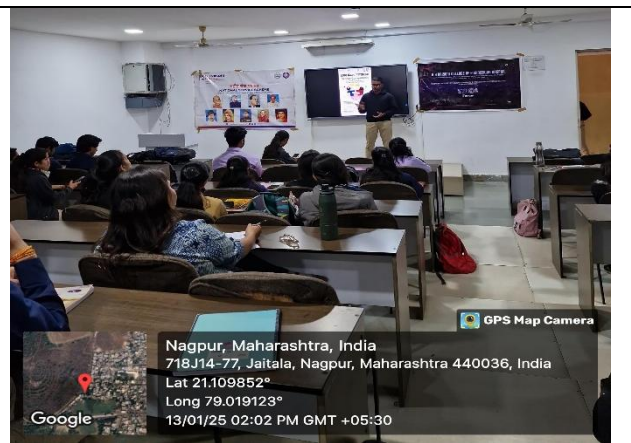


## ONE PAGE REPORT

### ‘Debate Competition’ under “Vachan Sankalp Maharashtracha” Campaign Organized by NSS Cell and Ethos Forum of ETC

<b>Name of Event</b>	<b>Debate Competition</b>
<b>Date of Event</b>	13 January 2025.
<b>Conducted by</b>	ETC, Ethos Forum & NSS Cell

On January 13<sup>th</sup>, 2025, National Service Scheme (NSS) Cell of G H Raison College of Engineering (GHRCE), in collaboration with the Ethos Forum of the Electronics and Telecommunication (ETC) Department, hosted a ‘debate competition’ titled "वाचन संकल्प महाराष्ट्राचा." The event began with a welcome address by Prof. Sheetal Mungale, Co-incharge of the NSS Cell. Students from various departments and academic years participated, engaging in discussions on the theme "Globalization and its Impact: Pros and Cons." The competition was judged by esteemed faculty member Prof. Priyanka Sharma, ensuring a fair evaluation of the participants' arguments. This debate competition not only enhanced the participants' public speaking and critical thinking abilities but also fostered a deeper understanding of globalization's complexities among the student body. Such initiatives reflect GHRCE's commitment to providing holistic education and encouraging intellectual engagement beyond the classroom. In all 13 participants took part and 80+ student's witnessed the program. 10 NSS volunteers helped for conduction of event. The successful organization of this event was made possible under the guidance of Dr. Mangesh Bhorkar, NSS Program Officer, Dean IQAC Dr. Sonali Joshi, Dean PG Dr. Prashant Pawade with the support of Dr. Sachin Untawale, Director of GHRCE.



## ONE PAGE REPORT “INDOOR SPORTS TOURNAMENT”

<b>Name of Event</b>	Indoor Sports Tournament
<b>Date of Event</b>	04 January 2025, Saturday
<b>Conducted by</b>	ETC, Ethos Forum

The Ethos Forum of Electronics and Telecommunication Engineering Department of G H Raison College of Engineering recently organised a Indoor Sports Tournament on dated 04 January 2025 in GHRCE Sport Room. The Tournament organized by department was a significant event that combines team spirit, competition, and sportsmanship. This event proved to be a huge success as it brought together many players immersing talents and connections beyond college. The tournament successfully brought together players from various backgrounds, fostering camaraderie and competition. Participants expressed satisfaction with the organization and the facilities provided. The event consisted of many sports held by each department of CSE, ETC, Electronics and Electrical. All forums combined made a memorable day .With games held such as Table Tennis, Chess, Carrom, 8-Ball Pool. Each game was found with 2 prizes Winner & Runner. The Winner was given with cash prize of 1000/- RS and Runner with 500/- RS.

### Winners for each game is as follow

- 1) Table Tennis
  - Winner: [Nikhil Bopche]
  - Runner-up: [Sanika Guru]
  - Notable Matches:

Semi-final between [Nikhil] and [Sanika] ended in a close score of difference 1 point.

- 2) 8-Ball Pool
  - Winner: [Nayan Rathi]
  - Runner-up: [Vaishnav Bante]
  - Key Highlights:

The final match showcased exceptional skill with a decisive win.

- 3) Chess
  - Winner: [Dushyant Nakade]
  - Runner-up: [Kapish Thakur]
  - Highlights:

The tournament featured intense matches, with several games going to the wire.

- 4) Carrom
  - Winner: [Surendra Lihare]
  - Runner-up: [Kaushik Zade]
  - Notable Performances:

The final was marked by strategic play from both competitors.  
Thanks to all forum and committee members for making this



## ONE PAGE REPORT

### "EMPOWERING INNOVATIONS WITH ROBOTICS & AI"

<b>Topic:</b>	Expert Talk on "Empowering Innovations with Robotics & AI"
<b>Date of Event:</b>	<b>09/12/2024</b>
<b>Organized by:</b>	Centre of Excellence Machine Intelligence and Robotics & Electronics and Telecommunication Engineering
<b>Name of Expert</b>	Mr. Gajendra Patle , Co- Founder of Tecxtra Technologies Pvt. Ltd, Nagpur
<b>Venue:</b>	D-08
<b>Department/Class/Semester/Sections:</b>	I Semester
<b>No. of Beneficiaries:</b>	95

The G H Raison College of Engineering's Department of Centre of Excellence Machine Intelligence and Robotics & Electronics and Telecommunication Engineering hosted an industry expert discussion on "Empowering Innovations with Robotics & AI" Mr. Gajendra Patle, a seasoned expert from Co- Founder of Tecxtra Technologies Pvt. Ltd, Nagpur, conducted the session and contributed a plethora of experience and knowledge to the conversation. The expert speaker shared **fundamental concepts, emerging trends, and real-world applications** of AI-driven robotics, emphasizing their impact on industries such as healthcare, automation, smart manufacturing, and autonomous systems. Participants were introduced to **cutting-edge tools, frameworks, and methodologies** essential for developing intelligent robotic solutions. The session also highlighted the **importance of interdisciplinary research and collaboration**, bridging the gap between academia and industry. The expert underscored the role of AI and robotics in **enhancing efficiency, problem-solving, and decision-making**, shaping the future of technology and career opportunities. With an engaging and interactive approach, the talk encouraged participants to explore **innovative applications, research opportunities, and entrepreneurial prospects** in AI and robotics. The expert emphasized the significance of continuous learning and adaptation to stay ahead in this rapidly evolving field. The G H Raison College of Engineering's of Centre of Excellence Machine Intelligence and Robotics & Electronics and Telecommunication Engineering thanks to Mr. Gajendra Patle for sharing his knowledge and encouraging the upcoming generation of Robotics specialists. The department is eager to host more activities of this nature that will further close the gap between business and academia.



## ONE PAGE REPORT

### “Expert Talk on Future Proofing your career : The role of cloud computing in IT and Employment ”

<b>Topic:</b>	Expert Talk on Future Proofing your career : The role of cloud computing in IT and Employment
<b>Date of Event:</b>	29/08/2024
<b>Organized by:</b>	Electronics and Telecommunication Engineering
<b>Name of Expert</b>	Mr. Suraj Patinge, HCL Technologies , Nagpur
<b>Venue:</b>	E-08
<b>Department/Class/Semester/Sections:</b>	V & VII Semester
<b>No. of Beneficiaries:</b>	90
<b>Objective:</b>	To provide students with a comprehensive understanding of how cloud computing is shaping the future of the IT industry and job market

The G H Raison College of Engineering's Department of Electronics and Telecommunication Engineering hosted an industry expert discussion on "Future Proofing your Career: The function of cloud computing in IT and Industry Employment Mr. Suraj Patinge, a seasoned expert from HCL Technologies, Nagpur, conducted the session and contributed a plethora of experience and knowledge to the conversation. This expert discussion aimed to educate professionals and students on the revolutionary effects of cloud computing on the IT sector and how these effects will affect prospects for future employment. The goal of the workshop was to give participants the knowledge and techniques they would need to match their abilities to the changing needs of the labor market, so their careers would be robust and future-proof. Mr. Suraj Patinge was a huge success, giving professionals and students insightful advice on how to handle the changing IT landscape. After attending, the attendees had a clear grasp of how cloud computing will impact IT sector jobs in the future and what they might do to keep their careers future-proof. The G H Raison College of Engineering's ETC Department thanks Mr. Patinge for sharing his knowledge and encouraging the upcoming generation of IT specialists. The department is eager to host more activities of this nature that will further close the gap between business and academia.



## ONE PAGE REPORT “BGMI TOURNAMENT 2K24”

Date of Event	Wednesday, August 28, 2024
Judge for the event	Prof. Sheetal Mungale, Forum in charge ,ETC Department
Organized by	ETHOS FORUM

The Ethos Forum, a prominent student organization at GHRCE, successfully hosted a Battlegrounds Mobile India (BGMI) tournament on Wednesday, August 28, 2024. The event, held in the D-18 room, attracted a large number of enthusiastic participants eager to showcase their gaming prowess and compete for top honours.

The BGMI tournament adopted a structure, designed to ensure fair competition and excitement for all participants. The event was divided into 3 rounds, each with 1 matches. The determined advancement to the subsequent rounds.

The Ethos Forum opened registration for the BGMI tournament well in advance, allowing interested participants to sign up and secure their spots. A group of people was implemented to ensure a fair and equitable distribution of participants. The D-18 room was meticulously prepared to accommodate the BGMI tournament. The necessary equipment, including computers, gaming peripherals, and network infrastructure, was set up to ensure a smooth gaming experience. The event organizers also implemented measures to maintain a conducive environment for competitive gaming, such as noise control and proper lighting.

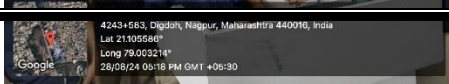
The **ELITE FORCE** emerged victorious in the BGMI tournament, securing the coveted championship title. The winners were awarded of cash prize of Rs 1000 in recognition of their outstanding performance. And the team **zeno** secure the second position in the tournament And a cash prize of Rs.500 for there outstanding performance .

Following the conclusion of the BGMI tournament, the Ethos Forum conducted an evaluation to gather feedback from participants and identify areas for improvement. This feedback will be valuable in planning future gaming events and ensuring that they meet the expectations of the student community.

The BGMI resounding students to camaraderie, participants. events in the



tournament organized by the Ethos Forum was a success, providing an exciting and competitive platform for showcase their gaming skills. The event fostered sportsmanship, and a sense of community among The Ethos Forum is committed to organizing more such future





## ONE PAGE REPORT

### “Expert Talk On Cybersecurity”

<b>Topic:</b>	Expert Talk on Cybersecurity
<b>Date of Event:</b>	23/08/2024
<b>Organized by:</b>	Electronics and Telecommunication Engineering
<b>Name of Expert</b>	Ms. Neha Mam, Unisoft Technology, Nagpur
<b>Venue:</b>	E-08
<b>Department/Class/Semester/Sections</b> :	III & V Semester
<b>No. of Beneficiaries:</b>	48

An **Expert Talk on Cybersecurity** was successfully conducted on **23/08/2024** at G H Raison College of Engineering, organized by the **Department of Electronics and Telecommunication Engineering** in collaboration with **Unisoft Technology, Nagpur**. The session aimed to enhance awareness about cyber threats, data protection, and safe digital practices among students.

The expert speaker for the session was **Ms. Neha Mam, Unisoft Technology, Nagpur** a seasoned professional from Unisoft Technology, who shared valuable insights into the evolving landscape of cybersecurity.

**The session covered key topics such as:**

- Types of cyberattacks (phishing, malware, ransomware)
- Importance of strong passwords and multi-factor authentication
- Safe browsing habits and securing personal devices
- Real-world case studies on cyber breaches
- Career opportunities in the cyber security domain

The talk was highly interactive, with students actively participating in Q&A sessions and discussions. The speaker also highlighted practical tips to safeguard personal and professional data in the digital era.

A total of 48 students of III & V Semester and faculty members attended the session, which was both

informative and enlightening. The event concluded with a vote of thanks delivered by Prof. Sheetal Mungale expressing gratitude to Unisoft Technology for their valuable contribution. This expert talk proved to be an excellent opportunity for participants to gain practical knowledge on cyber security and understand its significance in today's interconnected world.



## ONE PAGE REPORT

### “Online Poster Making Competition on Anti-Ragging Week ”

<b>Topic:</b>	Online Poster Making Competition on Anti-Ragging Week
<b>Date of Event:</b>	17/08/2024
<b>Organized by:</b>	Electronics and Telecommunication Engineering
<b>Name of Coordinator</b>	Prof. Sheetal Mungale
<b>Venue:</b>	Online
<b>Department/Class/Semester/Sections:</b>	All Departments, All semesters
<b>No. of Beneficiaries:</b>	17

The Anti-Ragging Poster Competition was organized by “**ETHOS Forum**” with the aim of raising awareness about the serious issue of ragging within educational institutions. This event sought to engage students creatively in conveying the negative impacts of ragging and promoting a safe, inclusive, and supportive campus environment. The competition was part of a broader anti-ragging campaign designed to educate and empower students to stand against this harmful practice. The event was organized on **17/08/24** on the occasion of **Anti-Raging Week** (12-18 August 2024) in online mode. A total of 17 students submitted posters, showcasing a diverse range of ideas and artistic styles. The event was meticulously organized by GHRCE's Anti-Ragging Committee and skillfully executed by the Students' Forum representing all academic departments.

**Winner:** Saloni Dhurawat, Department of Data science, created a powerful poster emphasizing the emotional toll of ragging through a minimalist yet poignant design.

**Runner-Up:** Jaivika Damodhar Agare , Department of Data science, showcased the legal consequences of ragging using a courtroom scene and bold text.

**Photos of Event:Winner**



**Runner-Up**

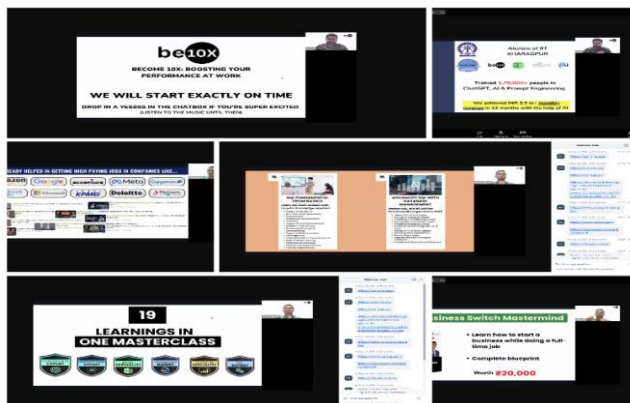


**ONE PAGE REPORT**  
 “One Day Skill course on AI Tool”

<b>Name of Event</b>	One Day Skill course on AI Tool
<b>Name of Experts</b>	ADITYA GOENKA & ADITYA KACHAVE IIT Kharagpur Alumni
<b>Name of Organization</b>	be10X
<b>Date</b>	07/08/2024
<b>No. of Beneficiaries:</b>	150
<b>Objective of Event</b>	The workshop aimed to bridge the gap between theoretical knowledge and real-world implementation, enhancing participants' skills in AI-driven technologies.

Department of Electronics and Telecommunication Engineering of G H Raison College of Engineering organized an insightful workshop on AI Tools, conducted by distinguished speakers, Aditya Goenka and Aditya Kachave, both esteemed alumni of IIT Kharagpur. The workshop aimed to enhance the knowledge and practical skills of students in the rapidly evolving field of Artificial Intelligence. The session commenced with a warm welcome by the college’s faculty, followed by an introduction of the speakers. Aditya Goenka, a seasoned AI expert, began the workshop by delving into the fundamentals of AI, providing the participants with a strong foundation on which to build their understanding of more advanced concepts. He emphasized the importance of AI in various industries and highlighted the potential career opportunities that AI brings. Aditya Kachave, known for his expertise in machine learning and data science, then took the stage to introduce several cutting-edge AI tools. He demonstrated their practical applications in real-world scenarios, ranging from natural language processing to computer vision. The hands-on session allowed participants to interact with these tools, providing them with a comprehensive understanding of how to implement AI solutions in their projects. The AI Tool Workshop was a resounding success, providing attendees with valuable knowledge and practical experience in Artificial Intelligence. The engaging presentations by Aditya Goenka and Aditya Kachave, combined with the hands-on activities, ensured that participants left with a deeper understanding of AI and its applications. The event concluded with an interactive Q&A session, where the speakers addressed various queries from the audience,

further enriching the learning experience. The workshop was an excellent conducted by G H Raisoni College of Engineering to bridge the gap between academia and industry, ensuring that students are well-equipped to meet the challenges of the future. he speakers shared valuable insights into the growing demand for AI professionals and the skills required to excel in this domain.



## ONE PAGE REPORT

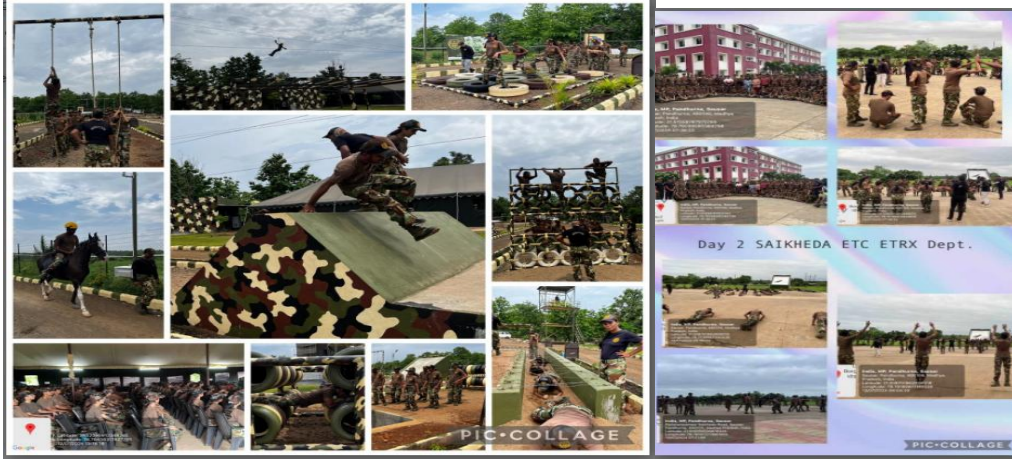
### “Two Days Adventure Camp at Saikheda”

<b>Date of Event:</b>	Friday & Saturday, July 12-13,2024
<b>Event Details:</b>	“Two days Adventure Camp at Saikheda”.
<b>Organized by:</b>	Department of Electronics & Telecommunication Engineering
<b>Venue:</b>	G H Raisoni University, Saikheda Th.- Sausar Dist- Chhindawara (MP)
<b>No. of Beneficiaries:</b>	52

Department of Electronics & Telecommunication Engineering, GHRCE has organized “Two Days Adventure Camp at Saikheda” for V Semester students of ETC. The camp was organized on 12th - 13th July 2024 at G H Raisoni University campus at Saikheda in Madhya Pradesh by trained experts. The camp was aimed to provide stimulating and enriching outdoor experience to the V Sem students. The camp with fun-filled adventure activities, setup in the grounds of amidst nature and lush green environment, focused on fostering teamwork, building confidence, and instilling a love for nature.

The activities such as ziplining, vertical rope climbing, commando net climbing, Bridge crossing, horse riding, commando crawling and many more were conducted in a completely safe and controlled environment, the activities are targeted at developing team spirit, confidence, perseverance, and leadership skills.

Through a blend of outdoor exploration and teamwork, the camp fostered holistic development and a deep appreciation for the natural world by the participants. It served as a testament to the transformative power of experiential learning and outdoor adventure in shaping young minds. The 52 students were benefitted with the camp and were accompanied with the department faculties Dr. Pankaj Chandankhede and Dr. Minakshi Wanjari.



**Prof. Sheetal Mungale**  
**Forum Incharge**

**Dr. Atul Deshmukh**  
**Head, ETC**

Department of Electronics and Telecommunication Engineering

G H Raison College of Engineering

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**Summary of Activities conducted in session 2024-25**

Sr. No	Title of Topic	Date of Conduction	Beneficiary
1.	World Environmental Day celebrated by Plantation	05/06/2024	15
2.	Forum Installation	03/08/2024	14
3.	Anti Ragging pledge	14/08/2024	200+
4.	Sports (Carrom & Pool) Competition	24/08/2024	42
5.	Dance Competition	05/09/2024	09
6.	Sculpture of Shree Ganesha Competition EKAKSHARA -24	10/09/2024	11
7.	Poster Competition (Girls safety)	13/09/2024	08
8.	Mini Project Competition	08/10/2024	65
9.	Advantage Vidarbha	08/02/2025	20
10.	Theme Based Dance under Antaragni 2025	5/3/2025	15

**Department of Civil Engineering****G H Raisonni College of Engineering**

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## 1. World Environment Day celebrated by Plantation of tree at GHRCE Nagpur

<b>Start and End Date of Event:</b>	5-6-2024
<b>Number of Hours</b>	3
<b>Objective of Event (100 words only)</b>	Aim to on the campus to maximize green cover, focusing on horticultural landscaping along boundary walls, roads, and empty spaces.
<b>Outcome of Event (100 words only)</b>	Campus will have different species of plants which will serve to the campus a green cover.
<b>Mode of Session Delivery</b>	Offline
<b>Venue :</b>	GHRCE Nagpur
<b>No. of Beneficiaries:</b>	Internal- 15

In alignment with the Meri LiFE movement initiated by AICTE, aim to on the campus to maximize green cover, focusing on horticultural landscaping along boundary walls, roads, and empty spaces. To celebrate the World Environment Day on 5<sup>th</sup> June 2024, a tree plantation drive was organized in the Campus of G H Raison College of Engineering (GHRCE), Nagpur, in a joint collaboration with National Service Scheme (NSS) Cell & IQAC cell, GHRCE, Nagpur. Various Fruit Trees were planted by faculties in the campus. The event had a huge response from all the domain as the need of drive is seen crucial with the scorching heat during the few years and the current summer. The drive was a bench mark to understand the essentiality of the Green Cover Depleting Day by Day and its consequences on the Human Race. In all 10 trees were planted in the campus by the hands of Director GHRCE Dr. Sachin Untawale along with Deputy Director Dr. Pramod Walke, Dr. Dinesh Padole, Dr. Sonali Joshi and other faculty members. The program was executed by Dr. Mangesh Bhrokar & Prof. A. Rautkar NSS PO, GHRCE, Nagpur.



**Dr. Isha Khedikar**  
Forum In-charge

**Dr. B V Khode**  
HOD (Civil)

**Department of Civil Engineering**

**G H Raison College of Engineering**

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## 2. FORUM INSTALLATION

<b>Date of Event:</b>	<b>03 August 2024</b>
<b>Name of event :</b>	<b>Forum Installation</b>
<b>Venue :</b>	<b>GHRCE Auditorium</b>
<b>Department :</b>	<b>Civil department</b>
<b>Special Guest:</b>	<b>Director, GHRCE &amp; HOD of each department.</b>

### About the Event:

The SRC Team of GHRCE organized the “Forum Installation” on 3rd August, 2024 at the GHRCE Auditorium to felicitate the forum members of each particular branch. The program started at 1:00 PM with the dignitaries lighting the lamp. Forum members of various departments such as CE, ETC, AIML, EE, CSE, ME, ETRX & DS were felicitated. The felicitation was done by the HOD’s and Forum incharge of the particular branch. We had a few words from Dr. Sachin Untawle who congratulated the members and wished them well for the academic year of 2024-2025 to have a smooth run throughout.



**Dr. Isha Khedikar**  
Forum In-charge

**Dr. B V Khode**  
HOD (Civil)

### Department of Civil Engineering

### G H Raison College of Engineering

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### 3. Celebration of Anti-Ragging Week by Civil Engineering Dept. Students

<b>Date of Event:</b>	14-08-2024 (Wednesday)
<b>Topic:</b>	Anti Ragging Pledge
<b>Name of Expert &amp; Affiliation:</b>	Dr. M P Bhorkar, Assistant Professor Dr. I P Khedikar, Forum Incharge Dr. B V Khode, Professor & Head, Civil Dept., GHRCE, Nagpur
<b>Contact &amp; Email Id of Expert:</b>	8600247620 <a href="mailto:mangesh.bhorkar@raisoni.net">mangesh.bhorkar@raisoni.net</a>
<b>Department:</b>	Civil Dept., GHRCE, Nagpur
<b>No. of Beneficiaries:</b>	200+

On behalf of Anti Ragging week, from 12<sup>th</sup> August to 14<sup>th</sup> August 2024, 3<sup>rd</sup>, 5<sup>th</sup> & 7<sup>th</sup> semester students of Civil Engineering Department have taken Anti Ragging Pledge on 14<sup>th</sup> August 2024 in Department. The event was carried out by Civil Engineering Department Forum "Seismic".

Ragging is a severe issue in educational institutions that can lead to physical, emotional, and psychological harm to students. To combat this problem, educational institutions often implement anti-ragging measures, including the implementation of an Anti-Ragging Pledge. This report outlines the purpose, implementation, and impact of the Anti-Ragging Pledge in educational institutions. Anti-ragging measures are crucial for safeguarding the physical, emotional, and psychological well-being of students. Ragging can lead to severe distress, trauma, and long-lasting effects on mental health. By implementing anti-ragging policies, educational institutions protect students from such harm and create a more supportive environment. The psychological impact of ragging can be profound. Victims often experience anxiety, depression, and post-traumatic stress disorder (PTSD). The humiliation and stress associated with ragging can lead to long-lasting emotional scars, impacting a victim's self-esteem and mental health. As per the provision of Maharashtra Act XXXIII, known as 'Maharashtra Prohibition of Ragging Act of 1999' students indulging in ragging can be punished under the act resulting in either suspension, exclusion from the college and upto imprisonment with heavy fine. To create awareness about the ragging disadvantages, Civil Dept. organized this activity and sensitize 200+ students of Department who have taken the pledge. The activity was well executed by Seismic President Mr. Krutik Burande, Ms. Vandana Tongalwar, Ms. Phalguni Golghate, Ms. Samiksha Jungari & Mr. Amol Mohekar along with Dr. Mangesh Bhorkar & Dr. Isha Khedikar under the able guidance of Dr. B. V. Khode Professor & Head of Civil Dept.



**Dr. Isha Khedikar**  
Forum In-charge

**Dr. B V Khode**  
HOD (Civil)

**Department of Civil Engineering**  
**G H Raison College of Engineering**

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#### 4. SPORTS EVENT ORGANISED BY CIVIL DEPARTMENT.

Date of Event:	24 August 2024
Name of event :	Carrom and pool competition
Venue :	GHRCE sports room
Organizer:	SISMIC FORUM
Department :	Civil department
Winners :	1.Surendra lilhare (carrom competition) 2.Aryan Awachat (pool competition)
Runner up :	1.Tejas sangole (carrom competition) 2.kunal meshram (pool competition)
No.of participants in carrom:	30 participants
No. of participants in pool :	42 participants

##### About the Event:

The carrom and pool competition was successfully organised by Civil Department under 'Seismic' forum on 24<sup>th</sup> August 2024 in GHRCE sports room. The aim was to promote recreational activities and foster a spirit of healthy competition among students. There was a single elimination format in carrom competition and round robin format in pool competition. In carrom competition Surendra lilhare of AI department has received the price money of Rs 450 as winner of carrom competition and Tejas sangole of cse department has received price money of Rs 250 as runner up of carrom competition and in pool competition Aryan Awachat of CSI department has received price money of RS 450 as winner of pool competition and Kunal meshram of AI department has received price money of Rs 250 as a runner up in pool competition. Price distribution was done by Dr. Balchandra khode Hod of civil department in presence of all faculty of civil engineering department. All the participants have shown their skills and enjoy a day of competitive fun. The event achieved its objectives of fostering a competitive yet friendly atmosphere. The event was successful with the support of Isha khedikar ma'am, forum incharge and all forum members.



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## 5. Dance Competition the Civil Department secured the first place in group dance.

Date of Event:	5 <sup>th</sup> September 2024
Name of event :	Dance Competition
Venue :	GHRCE Auditorium
Department :	Civil department

### About the Event:

The SRC Team of GHRCE had organized an “Inter Department Dance Competition” on 5 September, 2024, at the GHRCE Auditorium to encourage students dancing skills and give them a chance to showcase their talents. The theme was Janmashtami and Patriotic. The program started at 3:30 PM with the dignitaries lighting the lamp. The student gave a brief introduction of the judges. Students from various departments, such as CE, ETC, AIML, EE, CSE, ME, ETRX, and Data Science, participated in the competition. The competition began with zest and excitement. The participants, dressed in colourful costumes, set the stage on fire with enthralling and energetic performances. The students' choreography, rhythm, synchronization, and presentation were flawless. Judgment was made based on choreography, technique, coordination, synchronization, creativity, musicality, and overall presentation. At the end of the event judges announced the winner. **The Civil Department secured the first place in group dance.** The prize distribution was done by Dr. Sachin Untawale with the other faculty. The judges congratulated the winners, appreciated the students' performances, and encouraged them to participate more in such competitions to enhance their talents.



**Dr. Isha Khedikar**  
Forum In-charge



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**6. Topic: - Report on Idol making of Shree Ganesha Competition was organized by GH Raisonni College of Engineering, Nagpur under EKAKSHARA-24**

Date of Event:	010/09/2024
Topic:	Eco-friendly Sculpture making of Shree Ganesha Competition EKAKSHARA-24
Name of Expert & Affiliation:	Dr. Isha Khedikar
Contact & Email Id of Expert:	Contact: 9890920906 isha.khedikar@raisonni.net
Department:	Civil Engineering
No. of Beneficiaries:	08

**Brief About the Event:** The G. H. Raisonni College of Engineering, Nagpur has organized EKAKSHARA-22 to celebrate **Ganesh Chaturthi on 10 September 2024**. An idol of Shree Ganesha was to be created using eco-friendly materials. A medal of participation was awarded to the civil department of GHRCE in the interdepartmental competition of EKAKSHARA-24. The team was formed by forum in-charge Dr. Isha Khedikar and lead by Forum president Mr. Krutik Burande and Vice-president Mr. Manas Bante. The student member of team was Samiksha jungari, Ahed Khan, Om Shahu, Shantanu Waghmare, Rajat Kohapare, Krutik Burande, Manas Bante. The Theme is regarded as the idol is placed against a beautifully sculpted miniature replica of Olympics (*Stade de France*), showcasing its grand arches and structure. The idol stands majestically, embodying strength, wisdom, and victory—qualities that align with both Lord Ganesha and the spirit of the Olympics. Lord Ganesha is seated in a victorious pose, resembling an athlete celebrating a win. His body is adorned with golden laurels, representing the Olympic wreath of victory. The base of the idol features Olympic tracks and arenas, showcasing the connection between devotion and sportsmanship. Small athlete figurines around Ganesha represent different sports like sprinting, weightlifting, archery, and gymnastics, signifying dedication and hard work.

A tricolor Indian flag is subtly embedded, honoring India's presence in the Olympics.

**Theme Message:**

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"Just as Lord Ganesha removes obstacles and leads to success, the Olympic spirit teaches us that dedication, discipline, and perseverance lead to glory. May all athletes be blessed with strength, wisdom, and victory!" The presentation was given by the students in the offline mode in front of judge Dr. Arti Deshpande. The prize distribution was organized on the same day and awarded by Dr. Sachin Untawale, director, GHRCE. Faculty members of department gave ideas from their domain to create the sculpture. The guidance was provided by Dr. B. V. Khode sir, HOD (Civil) and department is thankful to Dr. Sachin Untawale, Director GHRCE for their motivation.

### Photo of Event:



**Dr. Isha Khedikar**  
Forum In-charge

**Dr. B V Khode**  
HOD (Civil)

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## 7. POSTER COMPETITION ORGANISED UNDER EVENT EKAKSHARA

<b>Date of Event:</b>	<b>13th September 2024</b>
<b>Name of event :</b>	<b>Poster making competition (EKAKSHARA)</b>
<b>Theme :</b>	<b>Women Empowerment</b>
<b>Contact &amp; Email Id of Expert:</b>	Contact: 9890920906 isha.khedikar@raisoni.net
<b>Department:</b>	Civil Engineering
<b>Participants</b>	7

### **About the Event:**

The Poster competition was successfully organised under event named " Ekakshara " on 13 September 2024 in GHRCE. The objective of this competition was to create awareness of women's rights, empower women and sensitize students about women's respect. 7 posters were submitted by Civil Engineering actively participated and showcased their creativity and thoughts about women empowerment. The winners were chosen in categories as "Best Representation of Women Empowerment" Most Impactful Message and Creative Excellence ". The winners were Sakshi Kumari and Ayush Jha from AI department and runner up was Aliza Sayyed from DIC department. Trophy was awarded to all the winners by Dr. Sachin Untawale sir. Overall the event was enthusiastic and eye-catching.



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## 8. Report on Mini Project Competition, Department of Civil Engineering

<b>Date</b>	10th October 2024
<b>Topic</b>	Mini Project competition
<b>Venue</b>	Civil Engineering Department
<b>Coordinator</b>	Dr. Isha Khedikar, Forum Incharge
<b>Judges</b>	Dr. Sonali Joshi – Dean, IQAC Dr. P.Y. Powde – Professor, Civil Engineering Department
<b>No. of Beneficiaries</b>	65

The Department of Civil Engineering under Forum Seismic successfully organized a **Mini Project Competition** on 10th October 2024. The event aimed to encourage innovation, technical skills, projects showcasing practical applications of civil engineering concepts and teamwork among students. The event was evaluated by esteemed faculty members namely Dr. Sonali Joshi – Dean, IQAC and Dr. P.Y. Pawade – Dean Ph.D and Higher Studies and Professor, Civil Engineering Department . A total of 17 groups participated in the competition, comprising approximately 65 students from Civil Engineering Department were participated.

Winners namely Rohit Kolhe, Piyush Shende, Ram Garghate, Sujal Borade. A tie was observed between two teams Runner up

Prize distribution was done by judges and Dr. B.V. Khode HoD (Civil). The event was efficiently organized by the Forum In-charge, Dr. Isha Khedikar, along with the Forum Members Team, who ensured the smooth execution of the competition.



**Dr. Isha Khedikar**  
Forum In-charge

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## 9. KHASDAR AUDYOGIK MAHOTSAV

<b>Date of Event:</b>	08 February 2025
<b>Name of event:</b>	KHASDAR AUDYOGIK MAHOTSAV
<b>Venue:</b>	RTMNU CAMPUS
<b>Organizer:</b>	ADVANTAGE VIDARBHA & RTMNU.
<b>Department:</b>	CIVIL DEPARTMENT
<b>Special Guest:</b>	Shri Nitin Gadkari Sir
<b>Participants:</b>	20

### About the Event:

The Civil department of GHRCE was a part of “KHASDAR AUDYOGIK MAHOTSAV” which was held on 08 February, 2025 at the RTMNU Campus for the 4<sup>th</sup> Sem students of Civil Engineering Department. We were taken to the RTMNU campus at 10am. A huge exhibition was held which consisted of many different vehicle companies showcasing their brand’s vehicle. There were a lot of Ev’s which is worth knowing as it is taking us towards the revolution of Indian transportation system. The exhibition also had stalls of various materials and models of all the engineering branches. Students from different colleges also took part in the stalls showing their talent. It was executed by Dr. M. P. Bhorkar and Prof. Pallavi Gadge under the guidance of Dr. B V Khode HOD (Civil)



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## 10. Topic: THEME DANCE COMPETITION [ANTARAGNI]

<b>Date of Event:</b>	<b>5 March 2025</b>
<b>Name of event :</b>	<b>Dance Competition [ANTARAGNI]</b>
<b>Venue :</b>	<b>GHRCE Auditorium</b>
<b>Organizer:</b>	<b>SRC Team</b>
<b>Department :</b>	<b>Civil department</b>

### About the Event:

The SRC Team of GHRCE had organized an “Inter Department Dance Competition” on 5 March,2025, at the GHRCE Auditorium to encourage students dancing skills and give them a chance to showcase their talents. The theme was Tribal. The program started at 12:30 PM with the dignitaries lighting the lamp. The student gave a brief introduction of the judges. Students from various departments, such as CE, ETC, AIML, EE, CSE, ME, ETRX, and Data Science, participated in the competition. The competition began with zest and excitement. The participants, dressed in colourful costumes, set the stage on fire with enthralling and energetic performances. The students' choreography, rhythm, synchronization, and presentation were flawless. Judgment was made based on choreography, technique, coordination, synchronization, creativity, musicality, and overall presentation. At the end of the event judges announced the winner. The Mechanical department secured the first place in group dance. The prize distribution was done by Dr. Sachin Untawale with the other faculty. The judges congratulated the winners, appreciated the students' performances, and encouraged them to participate more in such competitions to enhance their talents.



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**SESSION: 2024-25**  
**TOPIC: TREE PLANTATION**

**Organized by: CSE Phoenix forum**

**Date: 27/07/24**

Date of Event:	27/07/24
Topic:	TREE PLANTATION (for better tomorrow, plant more trees today)
Organized by:	CSE Phoenix forum
Total Participants:	15

**BRIEF OF THE EVENT-**

On July 27, 2024, our **Phoenix Forum** took a significant step towards promoting environmental awareness and sustainability by organizing a highly successful tree plantation event. This initiative reflects our commitment to environmental conservation and community involvement.

The event was inaugurated by our respected Director, Sachin Untwale, and Head of Department, Dr. Snehalata Dongre. They were joined by Dr. Prasad Lokulwar, Shruti Thakur, Imran Ahmed, Anuradha Joshi, other faculty members, and enthusiastic students, showcasing our collective dedication to creating a greener campus.

The plantation drive began with great enthusiasm as all participants actively engaged in planting 20 saplings. These sessions were designed to provide practical knowledge and encourage participants to adopt eco-friendly practices in their daily lives. This event marked a significant step towards our goal of creating a greener and more sustainable campus. It also served as a reminder of our responsibility towards nature and the importance of collective action in addressing environmental challenges.

The event started at 12 PM and concluded at 2 PM. During these two hours, the beauty of nature was enhanced with the addition of beautiful saplings. To ensure the survival and growth of the saplings, a schedule for regular watering and care has been established.

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Overall, the tree plantation event was a resounding success, reflecting the dedication and enthusiasm of our college community towards environmental conservation. We look forward to organizing more such events in the future.

**Photos Of The Event :**



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**SESSION: 2024-25**  
**Forum Installation**

**Organized by: CSE Phoenix forum**

**Date: 3/08/2024**

Date of Event:	3/08/2024
Topic:	Forum Installation
Organized by:	Ghrce
Total Participants:	19

**BRIEF OF THE EVENT-**

On 3 August 2024, a grand Forum Committee Installation event was organized through the combined efforts of all departments. The event marked the official formation and installation of new committees, with each committee member receiving their badge. The Computer Science and Engineering (CSE) department introduced its 19-member committee, including roles such as President, Vice President, Treasurer, Sports Team, Newsletter and Report Team, Decoration Team, Discipline Team, Social Incharge, Campaigning Incharge, and various other posts.

In a unique and eco-friendly gesture, saplings were distributed to all attendees, including the heads of departments (HODs) and other distinguished guests like Director Dr. Sachin Utwale, Dean Academics Dr. Promod Walke, CSE Department HOD Dr. Snehalata Dongre, and CSE Forum Incharge Dr. Shruti Thakur. The event concluded with group photographs, capturing the unity and collaborative spirit of the occasion.

The event was a testament to the collective effort and dedication of the department, fostering a sense of community and shared purpose. The distribution of saplings symbolized a commitment to sustainability and environmental stewardship. The success of the event reflects the strong leadership and vibrant energy of the newly formed committee, which is poised to drive innovation and excellence in the coming year. Under Dr. Shruti Thakur's guidance, the CSE committee is set to achieve remarkable accomplishments, contributing to the growth and success of the department.

The event also fostered networking among students and faculty, highlighting the committee members' enthusiasm and commitment. Their collaborative spirit promises a positive impact on the Forum Committee's initiatives. As the committee begins its work, the department's support will be crucial for achieving their goals and driving progress.

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**Photos Of The Event:**



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**SESSION: 2024-25**  
**VANDANAM CULTURAL ACTIVITY**

**Organized by: CSE Phoenix forum**

**Date: 03/08/2024**

Date of the event :	3/08/24
Topic:	Vandanam cultural activity
Organized by:	SRC
Participants:	12
Venu:	GHRCE AUDITORIUM

**BRIEF OF THE EVENT-**

On, 3<sup>rd</sup> August 2024, on the auspicious occasion of Forum Installation, Vandanam Cultural Activity was one of the highly anticipated cultural event that brought together music enthusiasts, singers and dance lovers from across all the branches of GHRCE, like CSE, IT, AI, Electronics, Electrical, Mechanical, Civil etc., including students of all higher semesters. The event drew a crowd of approximately 500 attendees, with a lively and energetic atmosphere from start to finish. The venue was transformed into a vibrant performance floor, complete with state-of-the-art lighting and sound systems. The audience was engaged throughout the programme, with many participants showcasing their own dance moves and singing skills. The event was well-organized, with clear signage, efficient entry and exit points, and the venue, i.e., the Auditorium was clean and well-maintained and at the end of the program, all the participants and attendees were provided with the refreshments.

The event was initialized by CSE Department students. CSE Department students performed a dance on Ganesh Stotram, mixing different genres of song and creating a catchy tune. The students who performed in Ganesh Stotram, belonged to 3<sup>rd</sup> and 5<sup>th</sup> semesters. Sana Deshmukh, a student of 5<sup>th</sup> semester, CSE Department, has to be appreciated for the creative and intricate choreography that showcased the dancer's skill and energy making the performance flawless. The dance was rapid, energetic, and the foot movements were hard to cope up with. Participant's movements were in sync with the music's rhythm, beat, and tempo, and their facial expressions, body language, were totally confident. Flashing strobes, lasers, and colourful stage lights created a dynamic visual experience. Powerful speakers pumped out infectious beats, driving the energy of the crowd. The

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cultural event, was a resounding success, thanks in part to the presence of esteemed guests. We were honored to welcome our Director Mr. Sachin Untawale Sir, HOD of CSE Department, Prof. Snehalata Dongre Ma'am, and our Forum Incharge, Prof. Shruti Thakur Ma'am. Their support and encouragement mean a great deal to us, and we are grateful for their presence.



Photos Of The Event:



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**SESSION: 2024-25**  
**ACTIVITY: POSTER MAKING COMPETITION**

**Organized by: Phoenix Forum**

**Date: 10/09/24**

Date of Event:	10/09/24
Topic:	Poster Making Competition
Organized by:	SRC
Total Participants:	30

**BRIEF OF THE EVENT-**

On 10th September, a Poster Making Competition was organized with the theme of Women's Safety. The event attracted a diverse group of participants from various departments, each bringing their unique artistic expression to the important issue of ensuring safety for women. The posters depicted a range of ideas, from promoting self-defense and legal awareness to advocating for societal changes and greater respect for women's rights. The creativity and thoughtfulness of the students were evident in their use of colors, symbols, and slogans, making a powerful visual impact.

The competition not only allowed students to showcase their artistic talent but also served as an important platform to raise awareness about women's safety. It sparked meaningful conversations on campus about the need for a safer environment for women, both within the college and in society at large. By addressing this significant issue through art, the event emphasized the role of every individual in contributing to the safety and empowerment of women, making it a memorable and socially impactful experience.

**Photos Of The Event:**

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Dr. Shruti Thakur  
{Forum Incharge}

Dr. Snehlata Dongre  
(HOD, CSE)

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**SESSION: 2024-25**  
**Activity: Maze With DSA and Python**

**Organized by: Phoenix Forum**

**Date: 24/08/24**

Date of Event:	24/08/24
Topic:	Technical Event
Organized by:	Phoenix Forum
Total Participants:	30

**BRIEF OF THE EVENT-**

On August 24th, 2024, the Phoenix Forum organized a Mini Hackathon titled "Maze with DSA and Python." The event saw enthusiastic participation from teams comprising second and third-year tech enthusiasts, who aimed to devise innovative solutions to real-world challenges. Spanning four hours, the hackathon fostered collaboration, creativity, and entrepreneurship, with an emphasis on sustainability and social impact. The problem statements ranged from easy to intermediate levels, tailored to the skills of the participants.

After the event, the solutions presented by each team were evaluated by Prof. Girish Talmale and Prof. Aditya Turankar. The team "Neural Nation" showcased the most innovative ideas and was crowned the winner, while the team "Team Binary" was recognized as the runner-up for their commendable efforts. The event not only highlighted the participants' technical skills but also encouraged networking and the potential launch of their ideas into reality.

Maze was a resounding success, demonstrating the power of collaboration and innovation in addressing global challenges. Each participant received an E-certificate via email, further acknowledging their hard work and dedication. The positive feedback from attendees indicates a strong desire for future events, reinforcing the importance of such initiatives in nurturing the next generation of problem solvers and innovators.

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G H Raison College of Engineering

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**Photos Of The Event:**






**Organised By Department Of Computer Science And Engineering**



**MAZE WITH DSA AND PYTHON**


**24 AUGUST, 2024**  
Navigate the Maze of Algorithms:  
Conquer DSA with Python

**G H Raison College of Engineering, Nagpur**  
An Empowered Autonomous Institute Affiliated to R.T.M Nagpur University  
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**Department of Computer Science and Engineering**

**MAZE**  
*With Dsa & Python*  
**24 AUGUST 2024**



**SCAN AND REGISTER**

**raisoni**  
EDUCATION

Nagpur | Pune | Jalgaon | Amravati | Pandhurna | Bhandara

Dr. Shruti Thakur  
{Forum Incharge}

Dr. Snehlata Dongre  
(HOD, CSE)

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**SESSION: 2024-25**  
**ACTIVITY: FOOD AND GOODIES DONATION DRIVE**

**Organized by: Phoenix Forum**

**Date: 24/08/24**

Date of Event:	24/08/24
Topic:	Social event
Organized by:	Phoenix Forum
Total Participants:	7

**BRIEF OF THE EVENT-**

On August 24th, 2024, the Phoenix Forum Members of GHRCE visited the local orphanage “SHRI SHRADHANAND ANATHALAYA NAGPUR” as part of a meaningful social outreach initiative. The event aimed to spread joy and provide support to the children while instilling a sense of community responsibility among the students. The day commenced with engaging interactive sessions where students participated in various activities designed to inspire creativity and foster learning among the children.

The members also generously distributed essential supplies such as biscuits and chocolates, which were warmly received by the delighted children. The visit culminated in a heartfelt group interaction, where the children expressed their happiness, and the students reflected on the profound importance of giving back to society. This initiative not only made a positive impact on the lives of the children but also reinforced the commitment of the CSE forum members towards social responsibility.

Overall, the visit was a transformative experience that underscored the values of empathy, service, and community engagement. The students left with a deeper understanding of the challenges faced by those in need, further motivating them to continue their efforts in community service. Such initiatives are vital in nurturing compassionate leaders who recognize the significance of contributing positively to society.

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**Photos Of The Event:**





**Organised By Department Of Computer Science And Engineering**

**FOOD AND GOODIES DONATION DRIVE**



**24 AUGUST, 2024**  
Donate Deliver And Make a Difference

**G H Raison College of Engineering, Nagpur**  
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Accreditations NAAC "A++" Grade & NBA (Tier-I)

**Department of Computer Science and Engineering**

**Social Event**  
cooperate social responsibility  
**Food and Goodies Donation Drive**

**Date:-24 August**  
**Venue:-Shri Shradhanand Anathalaya**

**raisoni EDUCATION** Nagpur | Pune | Jalgaon | Amravati | Pandhurna | Bhandara

Dr. Shruti Thakur  
{Forum Incharge}

Dr. Snehlata Dongre  
(HOD, CSE)

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**SESSION: 2024-25**  
**ACTIVITY: Technical Event**

**Organized by: CSE Phoenix forum**

**Date: 02/09/2024**

Date of Event:	31 <sup>st</sup> August 2024
Topic:	Valorant
Organized by:	CSE Phoenix Forum
Total Participants:	30

**BRIEF OF THE EVENT-**

On 31st August 2024, Phoenix Forum under CSE Department in collaboration with Zenith Forum under Electronics Department conducted a technical event Valorant. Many teams participated, bearing 6 members in each team. This gaming event was electric, competitive, interactive, and immersive. The team "Iron Smashers" was crowned as winner with Aayush Pathak receiving the first place, followed by runner up team "Valor Vortex" with Pranav Payghan receiving the second place. After the event, the winners and runner ups were awarded with cash prize money.

Valorant was a resounding success, showcasing the power of collaboration and solidarity. The event provided a platform for participants to develop communication skills and unity. All the participants were provided by the E-certificate via their respective mails.

**Photos Of The Event:**



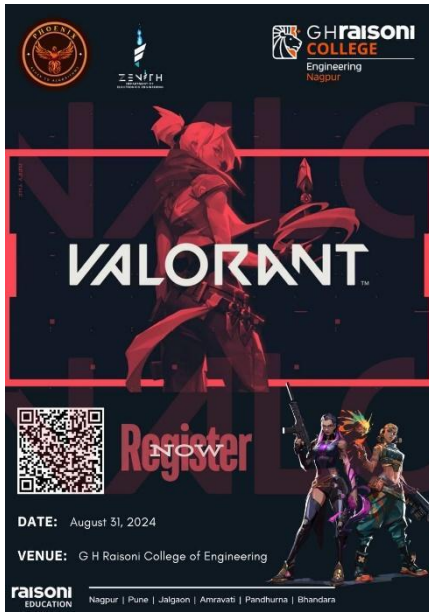
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**Dr. Shruti Thakur**  
**Phoenix Forum Incharge**

**Dr. Snehalata Dongre**  
**HOD CSE Department**

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**SESSION: 2024-25**  
**ACTIVITY: TEACHERS DAY CELEBRATION**

**Organized by: Phoenix Forum**

**Date: 05/09/24**

Date of Event:	05/09/24
Topic:	Teachers Day Celebration
Organized by:	Phoenix Forum
Total Participants:	30

**BRIEF OF THE EVENT-**

Phoenix Forum under the CSE Department celebrated Teachers' Day with great enthusiasm and gratitude at GHRCE on September 5, 2024. The event aimed to honor and appreciate the dedication, hard work, and commitment of our esteemed teachers. The cake-cutting ceremony was held with Dr. Snehalata Dongre, HOD of the CSE Department, Dr. Shruti Thakur, Phoenix Forum In-Charge, and all the teaching and non-teaching staff of the CSE Department. For Teacher Felicitation, students presented personalized cards and gifts to their teachers as tokens of appreciation.

The Teachers' Day celebration was a resounding success, filling the hearts of our teachers with joy and appreciation. The event reinforced the importance of recognizing and valuing the tireless efforts of our educators.

**Photos Of The Event:**



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**SESSION: 2024-25**  
**ACTIVITY: EKAKSHARA**

**Organized by: Phoenix Forum**

**Date: 09/09/24**

Date of Event:	09/09/24
Topic:	Ekakshara
Organized by:	Phoenix Forum
Total Participants:	180

**BRIEF OF THE EVENT-**

On 9th September, the CSE department of our college celebrated the 3rd day of Ganesh Chaturthi with great enthusiasm and devotion. The Phoenix Forum of the CSE department organized a solemn Aarti ceremony to worship Lord Ganesha.

The Aarti was performed by Dr. Snehalata Dongre ma'am, the HOD of the CSE department, and was continued by Director Sir Dr. Sachin Untwale and Prof. Shruti Thakur ma'am, the forum incharge, along with other faculty members. The students and faculty members alike participated with great enthusiasm, making it a truly memorable experience. The Aarti was a beautiful display of devotion and unity, and it filled the atmosphere with positivity and joy. The event concluded with a heartfelt prayer and the distribution of prasad among the attendees. It was a truly special moment for everyone present, and it will be cherished for a long time to come.

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**Photos Of The Event:**



Dr. Shruti Thakur  
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**SESSION: 2024-25**  
**ACTIVITY: NMBA PLEDGE SEMINAR**

**Organized by: Phoenix Forum**

**Date: 26/09/24**

Date of Event:	26/09/24
Topic:	NMBA PLEDGE SEMINAR
Organized by:	Phoenix Forum & Ethos Forum
Total Participants:	75

**BRIEF OF THE EVENT-**

On 26th September, Phoenix Forum under the Department of Computer Science and Engineering in collaboration with Ethos Forum under the Department of Electronics and Telecommunications organised a Nasha Mukti Bharat Abhiyan (NMBA) pledge Seminar. An introductory speech was given regarding NMBA to spread awareness and pledge was taken by each and every student present for the seminar. Nasha Mukti Bharat Abhiyan, launched on August 15, 2020, by the Ministry of Social Justice and Empowerment, aims to combat substance abuse across India. Targeting 272 vulnerable districts identified by the Narcotics Control Bureau, the initiative focuses on awareness programs, counseling, and rehabilitation services. It seeks to engage communities, particularly youth and educational institutions, to prevent drug dependency and support recovery efforts. With a budget of ₹10 lakh per district, the program emphasizes collaborative efforts with NGOs and local organizations to create a drug-free society through education and treatment initiatives.

**Photos Of The Event:**

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**SESSION: 2024-25**

**ACTIVITY: INDOOR SPORTS TOURNAMENT**

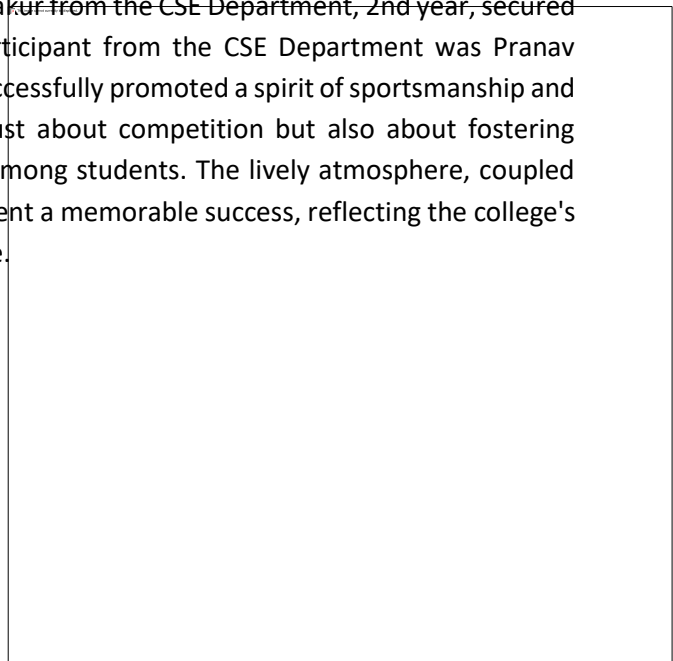
**Organized by: PHONEIX FORUM**

**DATE:4/01/25**

Date of Event:	4th JANUARY 2025
Topic:	Indoor sports Tournament
Organized by:	PHONEIX FORUM in collaboration with ETHOS,EPICS AND ZENITH FORUM
Total Participants:	20

**BRIEF OF THE EVENT-**

An Indoor Sports Tournament was held at G H Raisoni College of Engineering on 4th January 2025, organized by the PHONEIX FORUM in collaboration with ETHOS, ZENITH, and EPICS. The event featured games such as pool, table tennis, chess, and carrom, attracting enthusiastic participation from students across various departments. The tournament witnessed some outstanding performances, particularly in chess, where Kapish Thakur from the CSE Department, 2nd year, secured the runner-up position. Another commendable participant from the CSE Department was Pranav Deore, whose efforts were appreciated. The event successfully promoted a spirit of sportsmanship and camaraderie among students. The event was not just about competition but also about fostering teamwork, interaction, and a sense of community among students. The lively atmosphere, coupled with the participants' dedication, made the tournament a memorable success, reflecting the college's commitment to promoting extracurricular excellence.



**PHOTOS OF THE EVENT-**

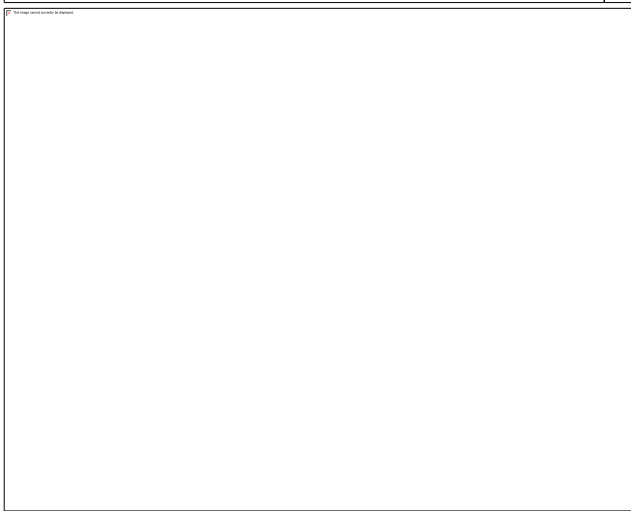
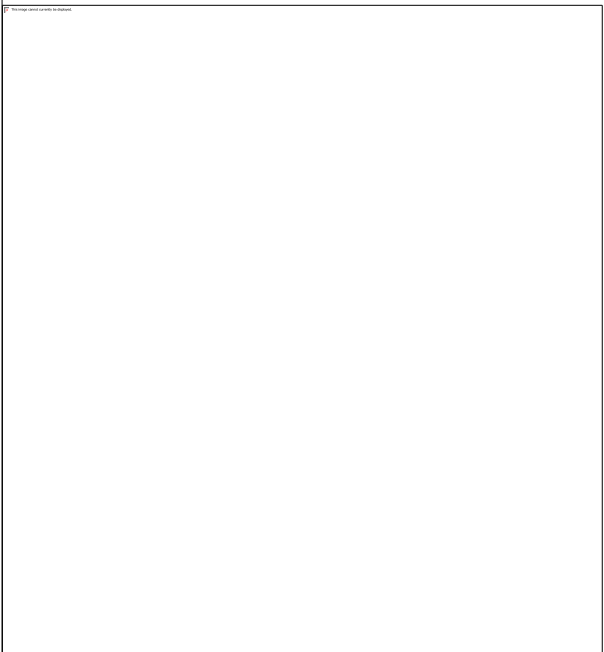
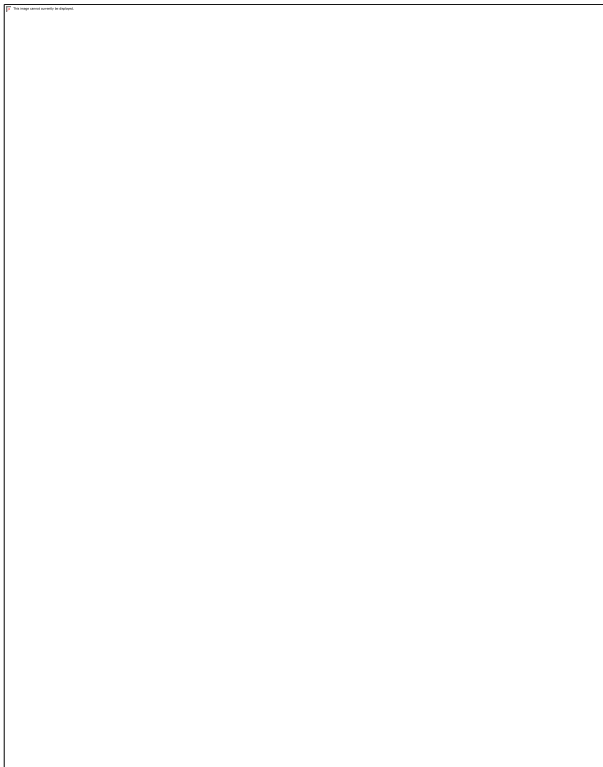
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**SESSION: 2024-25**  
**ACTIVITY: SESSION ON CYBER CRIME AWARENESS**

**Date: 10/09/2024**

Date of Event:	08/01/25
Topic:	Cyber Crime & Digital Safety
Organized by:	NEXUS Forum
Total Participants:	85

**BRIEF OF THE EVENT:**

On January 8, 2025, the NEXUS Forum and NSS Cell of GHRCE convened a seminal expert talk on "Cyber Crime & Digital Safety." Eminent speakers API Maruti Shelke and Ms. Shraddha Dhomne imparted invaluable insights on prevalent cybercrimes, prudent online practices, and robust legal measures to counter digital threats.

The experts underscored the imperative of vigilance in the digital era, elucidating the procedures for reporting cybercrimes and ensuring online safety. The event was meticulously organized and garnered widespread acclaim, profoundly impacting attendees' comprehension of cyber safety. Under the astute guidance of Prof. Asakti Rautkar and Dr. Sachin Untawale, the event was a resounding triumph, testament to the collaborative efforts of NEXUS Forum members, NSS volunteers, and staff. The expert talk has empowered the GHRCE community to navigate the digital landscape with confidence and caution, fostering culture of cyber awareness and responsibility.

## Photos of the Event:



**SESSION: 2024-25**  
**ACTIVITY: Ekakshara**

**Date: 10/09/2024**

Date of Event:	10/09/24
Topic:	Ganesh Aarti- Ekakshara
Organized by:	NEXUS Forum
Total Participants:	100

**BRIEF OF THE EVENT:**

On the morning of 10th September 2024, a Ganpati Aarti was held from 10:00 AM to 11:00 AM, with the participation of department faculty, including HOD Ma'am, forum members, and students. The event was a peaceful and spiritual gathering, reflecting the devotion and unity of the college community. The Aarti was initiated by Kapil Jajulwar Sir, followed by the HOD, who led the prayers. Many students attended the event, alongside faculty members, creating a serene and auspicious atmosphere. The presence of both faculty and students highlighted the collective reverence for Lord Ganesha.

The event concluded with the distribution of Prasad, offered on behalf of the DIC department, to all faculty and students present. This gesture of sharing Prasad reinforced the sense of togetherness and devotion that characterized the event, making it a meaningful and spiritually uplifting experience for everyone involved.

**Photos of the Event:**



**SESSION: 2024-25**  
**ACTIVITY: E-Poster Making Competition**

**Date: 17/08/24**

Date of Event:	15/08/24
Topic:	E-Poster Making Competition
Organized by:	NEXUS Forum
Total Participants:	15

**BRIEF OF THE EVENT:**

On 15th of August, the E-Poster Making Competition for Anti-Ragging Week 2024, organized by the Nexus Forum at G.H. Raisonni College of Engineering, Nagpur, brought together students from various branches to showcase their creativity and take a stand against ragging.

The event was commenced by the enthusiastic participation of students, who submitted their e-posters through the online submission link. The competition was overseen by the technical committee members of the Nexus Forum, who carefully evaluated each entry based on creativity, relevance to the theme, and overall impact. The event started on 15<sup>th</sup> August and concluded on 17<sup>th</sup> August with the announcement of the winners during the Anti-Ragging Week celebrations. During the competition, a total 15 students participated, showcasing their artistic skills and commitment to creating a safer and more welcoming environment for everyone at GHRCE.

Overall, the E-Poster Making Competition for Anti-Ragging Week 2024 was a resounding success, reflecting the dedication and enthusiasm of our college community towards promoting anti-ragging and fostering a collaborative academic environment where our commitment is to highlight empowering student voices and fostering effective communication within our academic community.

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**Photos of the Event:**


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**SESSION: 2024-25**  
**ACTIVITY: FORUM INSTALLATION**

**Date: 03/08/24**

Date of Event:	03/08/24
Topic:	Forum installation
Organized by:	SRC Forum
Total Participants:	233

**BRIEF OF THE EVENT-**

On the **3rd of August**, the Forum Installation event, organized by the Student Representative Council (SRC), brought together students and faculty from the all Departments. This event marked a significant step in enhancing collaboration and communication across these departments. The event was commenced by lighting the lamp by our respected Director, Dr. Sachin Untwale Sir, Deputy Director & Dean Academics, Dr. Pramod Walke Sir, Deputy Director, Dr. Santosh Jaju Sir, Registrar, Sanjay Dorle Sir, Dean SAC, Dr. Kapil Jajulwar Sir, Dean IQAC Sonali Joshi ma'am, PG Dean, Dr. Prashnat Pawade sir and Dean Admission, Padole Sir along with the HODs of all Departments.

The event began by felicitating our esteemed guests and HODs of all Departments by presenting them with plant sapling which symbolizes our trust and respect towards them, this was followed by the heartwarming speech addressed by the Director Sir and the badge distribution ceremony of the Forum body, where the event got ahead with the HOD awarding badges to the Presidents, Vice-presidents and Forum committee members.

The event started at 2:30 PM and concluded at 4:30 PM. During these 2 hours, the event unfolded with felicitation of guests, badge distribution ceremony and cultural event where total 183 students were awarded with their badges and 50 students participated in the cultural event presented by different departments which included singing and dancing. DIC Department presented a mesmerizing performance showcasing a soulful and ethereal song, sung by 3<sup>rd</sup> Sem DS student.

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Overall, Forum installation ceremony was a resounding success, reflecting the dedication and enthusiasm of our college community towards enhancing student representation and fostering a collaborative academic environment where our commitment is to highlight empowering student voices and fostering effective communication within our academic community.

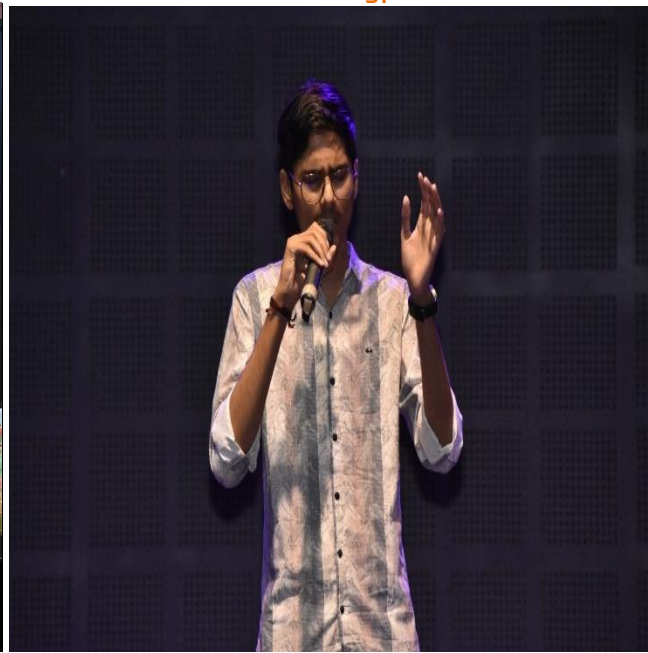
**Photos of the Event:****Department of Computer Science & Engineering****G H Raisonni College of Engineering**

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**SESSION: 2024-25**  
**ACTIVITY: Techotsav 2.0**

**Date: 22/03/2025**

Date of Event:	22/03/25
Topic:	Techotsav 2.0
Organized by:	Techotsav Team
Total Participants:	300 +

**BRIEF OF THE EVENT:**

**Day 1: 21st March 2025**

Techotsav 2.0 commenced with great enthusiasm at **G.H. Raison College of Engineering, Nagpur**, bringing together industry experts, students, and academicians. The event began with **registration from 9:00 AM to 10:00 AM**, followed by the **inauguration ceremony**, which included a **lamp lighting and welcome address**. The dignitaries present were:

- **Mr. Ajay Chaudhary** (Chief Guest)
- **Mr. Rahul Bajtait** (Guest of Honor)
- **Ms. Sonal Shembekar** (Guest of Honor)
- **Dr. Sachin Untawale** (Director, GHRCE)

The technical sessions started with a **keynote on “Key Digital Tenets in Product Development”** by **Mr. Ajay Chaudhary**, followed by insights into the **pragmatism of digital products in the real world** by **Mr. Rahul Bajtait** and **Ms. Sonal Shembekar**.

A thought-provoking **panel discussion on “Cyber War-Fare: The Next Global Threat?”** featured prominent speakers discussing the evolving landscape of cyber security. Post **lunch break**, hands-on **workshops on Machine Learning (G-04) and Cyber Security (F-21)** were conducted by **Mr. Aniruddha Kalbande** and **Mr. Amol Rangari**.

The day concluded with a **panel discussion on "Rise of LLMs: Opportunities, Challenges, and the Road Ahead"**, featuring industry professionals **Mr. Aakash Singh, Mr. Aniruddha Kalbande**, and moderator **Mr Tanmay Bhat**.

## Day 2: 22nd March 2025

The second day of **Techotsav 2.0** started with **registrations from 9:00 AM to 11:30 AM**, followed by hands-on **workshops on Salesforce: CRM (G-04) by Mr. Roshan Chauhan and Data Visualization with PowerBI (F-21) by Mr Shivam Joshi.**

After the **lunch and networking break**, an interactive **speaker session on Employability Skills & Career Talk** was conducted by **Ms. Priyanka Sharma**, followed by an insightful **Entrepreneurship Skills Session** by **Ms. Nidhi Bawashe.**

A panel discussion on "**Collaboration and Innovation: Key to a High-Performing Supply Chain**" was led by **Mr. Rajendra Jodhpurkar, Mr. Sajal Saxena, and Ms. Nidhi Bawashe**, moderated by **Mr. Shivam Joshi.**

The final session, "**Enabling Business Transformation: Data, Security & IT Strategy in Action,**" was delivered by **Mr. Rajendra Jodhpurkar**, highlighting the importance of IT strategies in modern enterprises.

The event concluded with a **valedictory ceremony**, where the **Valedictory Chief Guest, Mr. Rajendra Jodhpurkar**, along with **Guests of Honor, Ms. Nidhi Bawashe and Mr. Sajal Saxena**, addressed the audience, appreciating the successful execution of the event.

Techotsav 2.0 proved to be a remarkable learning experience, bridging the gap between academia and industry, fostering innovation, and inspiring students towards technological excellence.

## Photos of the Event:



**SESSION: 2024-25**  
**ACTIVITY: Talentino**

**Date: 04/01/2025**

Date of Event:	04/01/25
Topic:	Talentino
Organized by:	NEXUS Forum
Total Participants:	30

**BRIEF OF THE EVENT:**

On **4th January 2025**, the **Nexus Forum** of the DIC Department, in collaboration with **TVS Association**, hosted a captivating cultural event, "**Talentino**", at the **main parking area** of G.H. Raison College of Engineering. Starting at **1:00 PM**, the event brought together students to celebrate their creative talents through performances like **dance, music, stand-up comedy, and poetry recitations**. With over **25 to 30 participants**, the event showcased an electrifying mix of artistry and enthusiasm, captivating the audience.

Exceptional performances were recognized with **cash prizes**, celebrating the best talents of the event. The **1st prize** was awarded to **Adnan Athar** for his outstanding poetry and singing performance. **Madhulika Walakar** secured the **2nd prize** for her elegant classical dance. Two **3rd prizes** were jointly awarded to **Sonu Varma** for his dynamic dance performance and **Prathamesh Khade** and **Aniket Tiwari** for their mesmerizing table performance. These accolades reflected the exceptional dedication and artistry of the participants.

The collaboration with **TVS Association** added a unique dimension to "**Talentino**", reflecting a harmonious blend of cultural expression and external engagement. The event celebrated the artistic diversity within the student community and highlighted the Nexus Forum's commitment to nurturing talent. Concluding with cheers and applause, "**Talentino**" left everyone inspired and eagerly anticipating future cultural endeavours.

**Photos of the Event:**



**SESSION: 2024-25**

**ACTIVITY: Nexus Forum Visit to Prarambh Foundation**

**Date: 04/09/2024**

Date of Event:	04/09/24
Topic:	Nexus Forum Visit to Prarambh Foundation
Organized by:	NEXUS Forum
Total Participants:	17

**BRIEF OF THE EVENT:**

On the 4th of September 2024, Nexus Forum, along with department students, visited Prarambh Foundation, an NGO located in Rambagh. A total of 17 members, including students and Nexus Forum members, were accompanied by Asakti Rautkar Ma'am for a memorable event that took place from 4:00 PM to 7:00 PM. The event's main goal was to bring joy to the children at the NGO, who were between 1 to 15 years old. Over the course of three hours, the students and children played various engaging games such as running, dodge ball, and football. The lively interaction between the children and the visitors filled the atmosphere with laughter and excitement. Gifts were handed out to the children, and everyone shared a meal together, strengthening the bond between participants. All the expenses, including gifts and food, were covered by donations generously provided by the department students.

The event concluded with a feedback session, where the President, Vice-President, the NGO host, and others shared their experiences and thoughts on the day. This closing discussion highlighted the positive impact of the visit and reinforced the significance of community support and volunteer work. The event left everyone with a sense of fulfillment and connection, making it a memorable and impactful experience for both the children and the Nexus Forum members.

## Photos of the Event:





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## **Mechanical Engineering Department**

### **COMET'S 2024-25**

**Name of Event :- The Logo Making Competition**

**Venue :- W-24, GHRCE**

**Date :- 26/07/2024**

**Timing :- 12:00 pm – 1:00 pm**

#### **Summery :-**

This event was under Mechanical department (COMETS) of GHRCE Nagpur and it was a departmental event . This event is mainly focused on the Logo Designing . The event was a dynamic showcase of creativity and talent, where designers from diverse backgrounds converged to redefine their branding excellence. Participants unleashed their artistic vision and compete passionately for recognition and prizes, while pushing the boundaries of design innovation. It

was an inspiring celebration of creativity and skill, highlighting the power of visual identity in today's competitive landscape. There were total 16 entries, which were taken with the help of google form. The event become successful with the help and support of Comets 2024-25 team and faculty.





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## **Mechanical Engineering Department**

### **COMET'S 2024-25**

**Name of Event :- Guru Purnima Celebration**

**Venue :- W-12, GHRCE**

**Date :- 27/07/2024**

**Timing :- 10:00 am – 11:00 am**

#### **Summary :-**

This event was organized by the Mechanical Department's Forum (COMETS). The event took place in the presence of faculty members of Mechanical Department. This event is mainly focused on the importance and values of the Gurus, Teachers & Mentors. The event was a tremendous showcase of the relation between the teachers and the students. Fun activities were also been added for the faculty members,

which succeeded with lot of enjoyment. For the event to be successful, there was a contribution of Comets and Faculty.



# Mechanical Engineering Department

## COMET'S 2024-25

**Name of Event** :- Fitness challenge (Interdepartmental Competition)

**Topic** :- Multiple gym tasks

**Mode of Competition** :- In person at college gym

**Date** :- 23rd Aug 2024

**Timing** :- 4.30 p.m to 5.30 p.m

### Summary :-

It was a fitness challenge organised by the Mechanical Department's Forum (COMETS) & Electrical Department's Forum (EPICS). The Fitness challenge was featured on the topic of "multiple gym tasks". This event mainly focused on one's strength, ability to perform tasks and stamina. Participants were required to perform tasks like plank, pushups and rope skipping etc. Everyone was judged on the basis of the time they engaged themselves in one activity. The event was well-received with participants appreciating the opportunity to express fitness goals. Overall, the event successfully met its objectives and highlighted the importance of fitness. For the event to be successful, there was a contribution of Comets & EPICS faculty.





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## **Mechanical Engineering Department**

### **COMET'S 2024-25**

**Name of Event :- Forum Installation**

**Venue :- GHRCE Auditorium**

**Date :- 03/08/2024**

**Timing :- 1:00 pm Onwards**

#### **Summery :-**

The Forum Installation has been completed successfully at the GHRCE Auditorium. The event involves the Forum Installation of all the departments in presence of Director Sir and the faculty members of each department along with students. Each Forum member and SRC member has received their badges on the front stage. The event was highlighted with the Dance and Singing Performances by the students. Overall, the event successfully met its

objectives and highlighted the beginning of the Educational and Non-Educational activities of all the departments. For the event to be successful, there was a contribution of SRC Team, Forum Teams and Faculty.





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## **Mechanical Engineering Department**

### **COMET'S 2024-25**

**Name of Event :- Essay Writing Competition**

**Topic :- Anti-Ragging**

**Mode of Competition :- Online Mode**

**Date :- From 16/08/2024 to 17/08/2024**

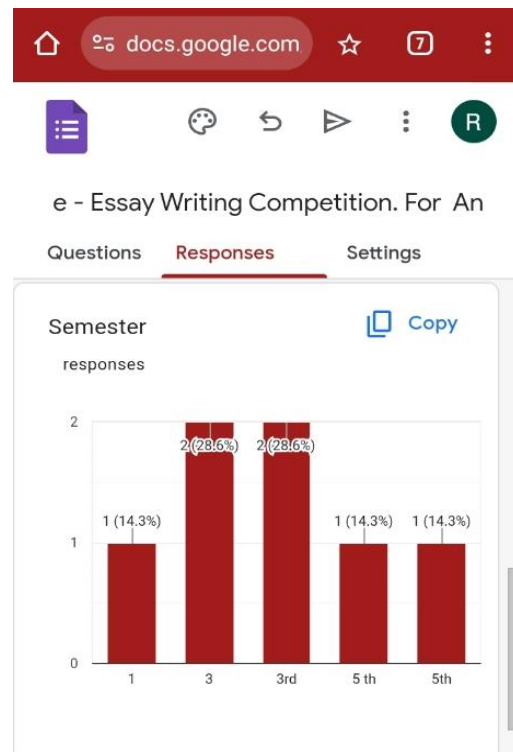
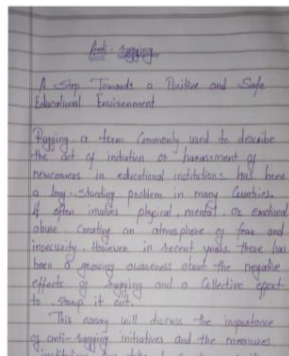
**Timing :- Submission till 5:00 pm (17/08/2024)**

#### **Summery :-**

It was the Online Essay Writing Competition organized by the Mechanical Department's Forum (COMETS). The essay writing competition was featured on topic of "ANTI – RAGGING". This event is mainly focused on the measures, policies and actions taken to prevent the activities of Ragging. Participants were required to submit their essays

via online google forms provided by the organizers. The event was well-received with participants appreciating the opportunity to express their views on this important issue. Overall, the competition successfully met its objectives and highlighted the writing talent of participants. For the event to be successful, there was a contribution of Comets and Faculty.

## e-Essay Writing Competition. On Anti-Ragging!!!



## Department of Electronics Engineering Session: 2024-25

**Date: 23/09/2024**

**Title:-** Debate on National Education Policy (NEP) 2020

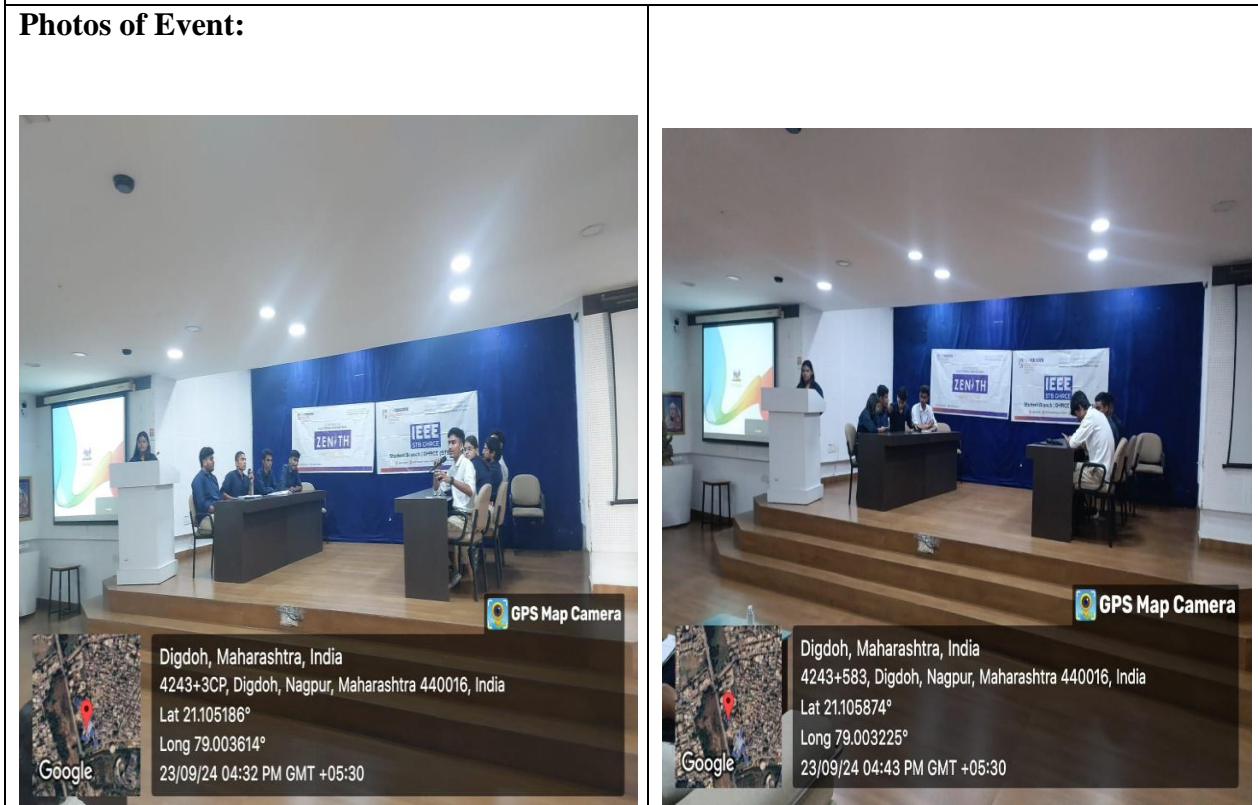
<b>Date of Event:</b>	23/9/24
<b>Topic:</b>	Debate on National Education Policy (NEP) 2020
<b>Name of Coordinator :</b>	Dr.Sonali Joshi,Prof.Rucha Jichkar
<b>Contact &amp; Email Id of Expert:</b>	rucha.jichkar@raisoni.net
<b>Department/Class/Semester/Sections:</b>	All Department, All Semesters
<b>No. of Beneficiaries:</b>	9 Teams of 4

**Objective:**The objective of the debate competition was to foster discussion among students about the implications and challenges of NEP 2020. Specific areas of focus included funding for innovation, the benefits and drawbacks of online teaching, and the role of traditional teaching methods in modern education.

**Brief About the Event:** The debate was organized by the Internal Quality Assurance Cell (IQAC) and Zenith Forum at GHRCE. The participants were divided into teams to discuss various aspects of NEP 2020, covering topics such as "Funds for Innovation," "Online Teaching vs. Traditional Teaching," and other related subtopics. The event allowed students to present their views, engage in healthy discussions, and consider different perspectives on how the new education policy could impact learning environments, teaching methods, and innovation in education.

In the competition, Tanushree Tharuk from AIML was declared the winner while Parth Deshmukh from Electronics Engineering was the runner-up.

### Photos of Event:





**Prof.R.A.Jichkar**  
Forum Incharge, ETRX

**Dr.Laxman P. Thakre**  
HoD ETRX

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## Department of Eletronics Engineering

### Session: 2024-25

Date: 15/04/2025

**Title:- “Healthcare Hackathon-Solution to Unmet Need” by First Year Engineering, Electronics Engineering and Biomedical Engineering & Technology incubation Centre (BETiC – GHRCE) on 11<sup>th</sup> April 2025**

Date of Event:	11 <sup>th</sup> April 2025
Topic:	“Healthcare Hackathon-Solution to Unmet Need”
Name of Expert & Affiliation:	Dr. Ronit Dalvi, Lata Mangeshkar Hospital, Nagpur Dr. Sarvesh Auradkar, Lata Mangeshkar Hospital
Department/Class/Semester/Sections:	First Year Sec H and Sec I
No. of Beneficiaries:	127 Students, 3Faculties

**Objective:**To develop innovative, practical solutions addressing unmet needs in healthcare through collaborative, interdisciplinary problem-solving.

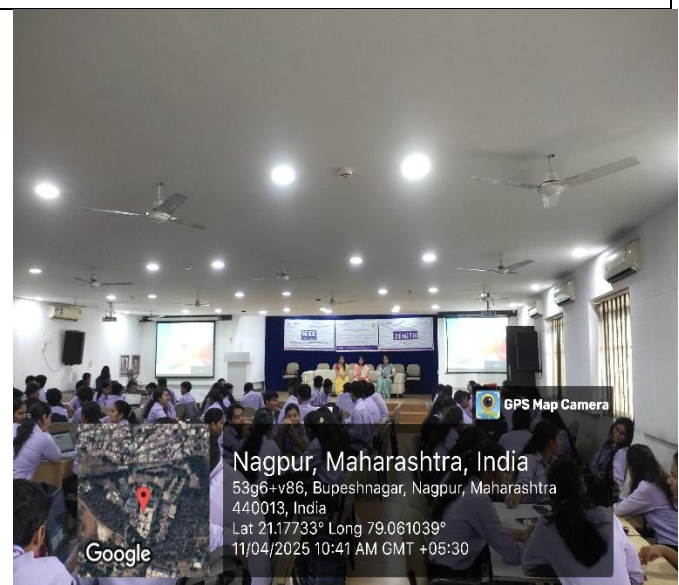
**Brief About the Event:** Department of First Year Engineering, Electronics Engineering and Biomedical Engineering & Technology incubation Centre (BETiC – GHRCE) had organized Biomedical Hackathon for First Year on Biomedical Engineering: “Solution to Unmet Need” on 11<sup>th</sup> April 2025

In this activity total 127 students from Sec H and Sec I , First Year II semester have participated. Event was based on the “Healtcare Hackathon: Solution to Unmet Need ”. At the start of the event, students were shown videos of all problem statement then on first come serve basis, group were allotted with the unique Biomedical related Problem statement.

Students were asked to carry out the research and motivated to develop the prototype by providing all necessary Electronic equipment & Components.At the end of day students designed project were evaluated and assessed on different parameters by the External Judges from Medical Background Dr.Ronit Dalvi, Lata Mangeshkar Hospital, Nagpur & Dr. Sarvesh Auradkar , Lata Mangeshkar Hospital, Nagpur & In house Experts like Dr. Vibha Bora, Dr.Rupali Thete.The event was Organized and Coordinated by Dr. Vibha Bora, Dr. Rupali Thete, Prof Payal Ghutke, & Prof.Rucha Jichkar and the Interns of BETiC Lab, Ms.Sanskruti Chandankar, Mr.Sanket Somkuwar and student mentors from Electronics Engineering Department.

Photos of Event:





**Dr.Vibha Bora**  
Incharge BETiC

**Dr.Rupali Thete**  
HoD First Year

**Dr.Laxman .P.Thakre**  
HoD ETRX

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**Department of Electronics Engineering**  
**Session: 2024-25**

Date: 09/08/2024

**Report on Zeinth Forum installation 2024-25 .**

<b>Date of Event:</b>	<b>3 August, 2024, Saturday at 1:30 PM onwards</b>
<b>Topic:</b>	<b>Forum Installation /Theme Dance Competition</b>
<b>Guest for the event</b>	<b>Dr.Sachin Untawale,Director GHRCE,Nagpur</b>
<b>Department/Class/Semester/Sections:</b>	<b>ETRX /III/V/VII</b>

**Brief About the Event:**

G H Raisonni College of Engineering has conducted an Installation Ceremony of the newly formed forum body on 8 August 24. Dr. Sachin Untawale, Director, GHRCE, Nagpur and All Deans, HoDs of Various department were the guest for the function , All Faculty Forum Coordinators and newly elected students were prominently present in the auditorium. The programme started with lighting of the lamp followed by inauguration of the forum. The forum was inaugurated by the hands of Dr. Sachin Untawale, Deans and HoD's . The forum opening remark was given by Dr. Sachin Untawale , In his speech he conveyed the importance of forums for overall development of students and encouraged the students to participate in various cocurricular and Extra Curricular activities. The Forum Installation ceremony commenced with a formal welcome address, highlighting the importance of Forums in shaping the holistic development of students. The event proceeded with the induction of new members into their respective Forums. Each Forum was bestowed with its unique identity through the distribution of distinctive badges, symbolizing their commitment and affiliation. The ceremony was a solemn yet joyous occasion, as new members embraced their roles with enthusiasm and pride. The badges were distributed to all the Office bearers at the hands of Guest. The stage was set ablaze with a mesmerizing cultural program. The event showcased a diverse array of performances, including enthralling dance numbers, melodious songs, and captivating skits. Students from various Forums came together to present their talents, creating an atmosphere of unity and cultural richness. The performances were a testament to the artistic prowess and creativity of the GHCRE students.

The Forum Installation ceremony coupled with the cultural program was a resounding success. The event not only served as a platform for inducting new members into their Forums but also provided an opportunity for the entire GHCRE community to come together and celebrate their shared passion for arts and culture. It was a memorable evening that fostered a strong sense of belonging and camaraderie among the students. The Installation Ceremony was concluded with Vote of Thanks and National Anthem. All the faculty members and students of the department worked hard for successful conduction of the event.

**Photos of the Event:-**



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**Prof.R.A.Jichkar**  
Forum Incharge, ETRX

**Dr.Laxman .P.Thakre**  
HoD ETRX

Department of Electronics Engineering

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**Department of Electronics Engineering**  
**Session: 2024-25**

**Date: 4/01/2025**

**Title:-** “Indoor sports tournament”

<b>Date:</b>	04 January 2025, Saturday
<b>Topic:</b>	“Indoor sports tournament”
<b>Organized by:</b>	ETRX ,Zeinth Forum
<b>Department/Class/Semester/Sections:</b>	All Departments, All semesters
<p><b>Brief about the event :</b> On 4th January 2025, the <b>EPICS, PHEONIX, ZENITH, ETHOS FORUM COMMITTEE</b> hosted a vibrant and competitive sports event, which saw enthusiastic participation from students across various departments. Sports activities like Chess, Table tennis, Carrom &amp; Pool were organized in the given time period. Table Tennis was conducted by ZEINTH FORUM.</p> <p><b>Table Tennis Matches:</b> Table Tennis, being a popular indoor game, attracted many participants. The final round was closely contested, with Nikhil Bopche winning the title. 2<sup>nd</sup> position: Sanika Guru. Table Tennis is a fast-paced sport played worldwide. It involves two or four players hitting a lightweight ball back and forth using paddles. The objective is to score points by making the opponent fail to return the ball within the rules of the game. The participants and attendees expressed their excitement and satisfaction with the event. Many highlighted the importance of such events in providing a break from academic stress and fostering camaraderie among students. The well-organized nature of the event was also appreciated by the participants. The sports event in the sports room of GHRCE was a resounding success, contributing to the overall development of students by encouraging them to engage in social activities. The event not only highlighted the sporting talents of the students but also reinforced the spirit of healthy competition and teamwork within the GHRCE community. The event was a complete success under the guidance of ZEINTH forum in-charge Prof. Rucha Jichkar and Sports room in charge Dhreej Bhoskar. Winners for each game is as follow:</p> <ol style="list-style-type: none"> <li>1) Table Tennis           <ul style="list-style-type: none"> <li>• Winner: [Nikhil Bopche]</li> <li>• Runner-up: [Sanika Guru]</li> <li>• Notable Matches:</li> </ul>           Semi-final between [Nikhil] and [Sanika] ended in a close score of difference 1 point.         </li> <li>2) 8-Ball Pool           <ul style="list-style-type: none"> <li>• Winner: [Nayan Rathi]</li> <li>• Runner-up: [Vaishnav Bante]</li> <li>• Key Highlights:</li> </ul>           The final match showcased exceptional skill with a decisive win.         </li> <li>3) Chess           <ul style="list-style-type: none"> <li>• Winner: [Dushyant Nakade]</li> <li>• Runner-up: [Kapish Thakur]</li> <li>• Highlights:</li> </ul>           The tournament featured intense matches, with several games going to the wire.         </li> <li>4) Carrom           <ul style="list-style-type: none"> <li>• Winner: [Surendra Lihare]</li> <li>• Runner-up: [Kaushik Zade]</li> <li>• Notable Performances:</li> </ul>           The final was marked by strategic play from both competitors.         </li> </ol>	

**Photos of Event: Winner**



**Runner-Up**



**Prof.R.A.Jichkar**  
Forum Incharge, ETRX

**Dr.Laxman .P.Thakre**  
HoD ETRX

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**Department of Electronics Engineering**  
**Session: 2024-25**

**Date: 20/08/2024**

**Title:-** CSR Activity at Saroday Vidyalay

<b>Date of Event:</b>	20/8/2024
<b>Topic:</b>	Various career Opportunities to pursue after 12 <sup>th</sup>
<b>Name of Faculty and Student Co-ordinator:</b>	Prof.Rucha Jichkar and Mr.Parth Deshmukh
<b>Contact &amp; Email Id of Expert:</b>	parth.deshmukh.etrx@ghrce.raisoni.net
<b>Department/Class/Semester/Sections:</b>	Electronics engineering/2 <sup>nd</sup> and 3 <sup>rd</sup> year/III and V/A
<b>No. of Beneficiaries:</b>	Students of class 11 <sup>th</sup> and 12 <sup>th</sup> of Saroday Vidyalay

**Objective:**

To create awareness among students about the wide range of career options available after 12th standard.

**Brief About the Event:**

On August 20, 2024, a seminar was conducted at Saroday Vidyalay for students of class 11th and 12th to introduce them to various career options available after the 12th standard, along with engineering and medical fields. The event aimed to broaden the horizons of students from a below-poverty-line (BPL) background by making them aware of alternative career paths. The session was interactive and included a discussion about the activities and experiences of engineering students in college. A small quiz was also held to engage the students and encourage participation, tailored to their comfort and literacy levels.

**Photos of Event:**





**Prof.R.A.Jichkar**  
Forum Incharge, ETRX



**Dr.Laxman .P.Thakre**  
HoD ETRX

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## Department of Electronics Engineering

### Session: 2024-25

Date: 18/08/2024

Title:- “Online Poster Making Competition on Anti-Ragging”.

<b>Topic:</b>	17/08/2024
<b>Name of Coordinator</b>	Prof.Rucha Jichkar
<b>Contact No.</b>	9766447522
<b>Department/Class/Semester/Sections:</b>	All Departments, All semesters
<b>No. of Beneficiaries:</b>	17

**Objective:**The primary objective of the competition was to encourage students to express their thoughts on ragging through art and design and Promote a culture of respect, empathy, and unity within the campus community.

#### Brief About the Event:

The Anti-Ragging Poster Competition was organized by Zeinth Forum with the aim of raising awareness about the serious issue of ragging within educational institutions. This event sought to engage students creatively in conveying the negative impacts of ragging and promoting a safe, inclusive, and supportive campus environment. The competition was part of a broader anti-ragging campaign designed to educate and empower students to stand against this harmful practice. The event was organised on **17/08/24** on the occasion of **Anti-Ragging Week** (12-18 August 2024) in online mode. A total of 17 students submitted posters, showcasing a diverse range of ideas and artistic styles. The event was meticulously organized by GHRCE's Anti-Ragging Committee and skillfully executed by the Students' Forum representing all academic departments.

- **Winner:** Saloni Dhurawat , Department of Data science, created a powerful poster emphasizing the emotional toll of ragging through a minimalist yet poignant design.
- **Runner-Up:** Jaivika Damodhar Agare ,Department of Data science, showcased the legal consequences of ragging using a courtroom scene and bold text.

#### Photos of Event: Winner



#### Runner-Up



**Prof.R.A.Jichkar**  
 Forum Incharge, ETRX

**Dr.Laxman .P.Thakre**  
 HoD ETRX

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## Department of Electronics Engineering

### Session: 2024-25

Date: 18/08/2024

Title:- “Valorant Competition ”.

<b>Date:</b>	31 <sup>st</sup> August 2024
<b>Topic:</b>	Valorant
<b>Organized by:</b>	ETRX Zeinth Forum
<b>Department/Class/Semester/Sections:</b>	All Departments, All semesters
<b>No. of Beneficiaries:</b>	17

**Objective:** The objective of Valorant, a team-based tactical first-person shooter developed by Riot Games, is to win rounds by either completing specific objectives or eliminating the opposing team.

**Brief About the Event:**

On 31st August 2024, ZEINTH Forum under ETRX Department conducted a technical event Valorant. Many teams participated, bearing 6 members in each team. This gaming event was electric, competitive, interactive, and immersive. The team "Iron Smashers" was crowned as winner with Aayush Pathak receiving the first place, followed by runner up team "Valor Vortex" with Pranav Payghan receiving the second place. After the event, the winners and runner ups were awarded with cash prize money.

Valorant was a resounding success, showcasing the power of collaboration and solidarity. The event provided a platform for participants to develop communication skills and unity. All the participants were provided by the E-certificate via their respective mails.

**Photos of Event: Winner**



**Runner-Up**





**Prof.R.A.Jichkar**  
Forum Incharge, ETRX

**Dr.Laxman .P.Thakre**  
HoD ETRX

Department of Electronics Engineering

G H Raisoni College of Engineering

An Empowered Autonomous Institute affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur  
Accredited by NAAC with "A++" Grade (3<sup>rd</sup> Cycle)

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# **BITS Forum**

## **Department of Information Technology**

### **1. Highlights**

<b>Session</b>	<b>2023-24</b>
<b>Name of workshop/FDP/STTP</b>	<b>Adventure camp At Saikheda campus</b>
<b>Duration (Days)</b>	<b>1 Day</b>
<b>Date</b>	<b>july 5 and 6, 2024</b>
<b>Organizer</b>	<b>Forum BITS &amp; IT Department</b>
<b>Venue</b>	<b>saikheda</b>
<b>No of Participants</b>	<b>110</b>
<b>Mode of Conduction</b>	<b>Offline</b>

### **2. Detailed Report on workshop/STTP/FDP**

GH Raisonni College of Engineering organized an adventure camp for the 5th semester students on July 5 and 6, 2024. The camp took place at Saikheda Adventure Camp, offering students an opportunity to engage in various adventure activities and team-building exercises.

The camp saw the participation of 110 students from the 5th semester, who actively engaged in all the activities. The event was supervised by a team of faculty members ensuring safety and smooth coordination.

The adventure camp was a resounding success, providing the students with a much-needed break from their academic routine and a chance to develop their teamwork and leadership skills. The participants returned with memorable experiences and a stronger bond with their peers.

Prof. Rajesh Nakhate

Dr. Mahendra Gaikwad

**Forum Incharge**

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**3. Glimpses of the workshop/STTP/FDP**



Prof. Rajesh Nakhate

Dr. Mahendra Gaikwad

**Forum Incharge**

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# **BITS Forum**

## **Department of Information Technology**

### **1. Highlights**

<b>Session</b>	<b>2024-25</b>
<b>Name of workshop/FDP/STTP</b>	<b>International Expert Talk On Topic “Exploring Emerging Technologies, Trends and the Research Landscape in Cybersecurity”</b>
<b>Name of Faculty Deputed</b>	<b>Dr. Sivaraman Eswaran, Curtin University, Malaysia</b>
<b>Time</b>	<b>11am to 12 pm</b>
<b>Date</b>	<b>31st July 2024</b>
<b>Organizer</b>	<b>Department of IT &amp; BITS Forum</b>
<b>No of Participants/Section/Semester</b>	<b>50/V/VII</b>
<b>Mode of Conduction</b>	<b>Online</b>

### **2. Detailed Report on the Program**

On the 31<sup>st</sup> of July 2024, Department of Information Technology, organized an International Expert Talk program by Dr. Sivaraman Eswaran, Curtin University, Malaysia on the topic “Exploring Emerging Technologies, Trends and the Research Landscape in Cybersecurity”

The program began with Dr. Mahendra Gaikwad giving a warm welcome to Dr. Eswaran. Then Dr. Esawarn providing a brief introduction about the objectives of the session. The session covered the topics concerned with technological trends and Cybersecurity with effective research reports. The session highlighted the dynamic nature of cybersecurity and the key factors shaping the field. It delves into the significance of technologies and cybersecurity awareness and training in enhancing threat detection and response.

Moreover, the session emphasized the growing importance of Cloud Security as organizations transition to cloud-based services. The challenges posed by the cybersecurity market and the

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Dr. Mahendra Gaikwad

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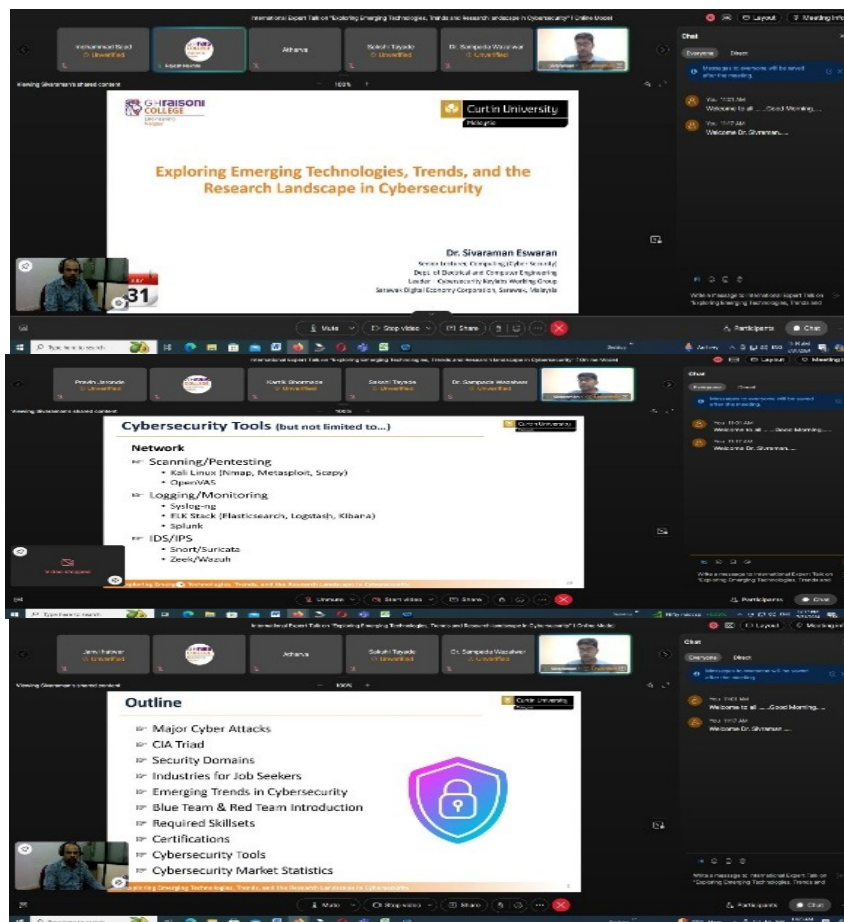
## **BITS Forum** **Department of Information Technology**

research landscape focusing on areas like blockchain technology, and interdisciplinary approaches are also discussed.

Overall, underscores the importance of staying informed about emerging trends and technologies to bolster cybersecurity defenses effectively.

The program was then concluded by Dr. Gaikwad giving the vote of thanks to Dr. Eswaran for conducting the session so nicely. His expertise and insights were truly enlightening. A special thanks was also given to all the attendees for joining this wonderful session.

### **3. Glimpses of the workshop/STTP/FDP**



Prof. Rajesh Nakhate

Dr. Mahendra Gaikwad

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**Department of Information Technology**

## 1. Highlights

<b>Session</b>	<b>2024-25</b>
<b>Name of Workshop</b>	<b>Expert session on Literature Review: Methods and Presentation</b>
<b>Name of Faculty Deputed</b>	<b>Dr. Mahendra Gaikwad</b>
<b>Designation of deputed faculty</b>	<b>HOD IT</b>
<b>Semester</b>	<b>V</b>
<b>Date</b>	<b>5<sup>th</sup> Aug 2024</b>
<b>Conducted by</b>	<b>Dr. Sampada Wazalwar</b>
<b>Mode of Conduction</b>	<b>Offline</b>
<b>No of Beneficiaries</b>	<b>60</b>

## 2. Detailed Report on the Program

On the 5<sup>th</sup> of August 2024, Department of IT organised an Literature Review: Methods and Presentation workshop conducted by Dr. Sampada Wazalwar. The program begin with Dr. Sampada introducing her to the students and further guiding the students regarding the topic.

The workshop aimed to provide attendees with practical tips and strategies for conducting and presenting literature reviews. The workshop covered topics such as Definition and purpose of a literature review Systematic, narrative, and meta-analysis methods, evaluating and synthesizing sources and common pitfalls and challenges.

Concluding, the workshop provided students with a comprehensive understanding of literature review methods and presentation techniques. Key takeaways included the importance of a clear research question, using a systematic approach, and evaluating sources critically. With this Dr. Sampada provided a vote of thanks to all students who attended the workshop.

Prof. Rajesh Nakhate

Dr. Mahendra Gaikwad

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**3. Glimpses Of Workshop**



Prof. Rajesh Nakhate

Dr. Mahendra Gaikwad

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**Department of Information Technology**

## 1. Highlights

<b>Session</b>	<b>2024-25</b>
<b>Name of Workshop</b>	<b>Agile Methodology and Advanced Web Development</b>
<b>Name of Faculty Deputed</b>	<b>Prof.Rajesh Nakhate</b>
<b>Designation of deputed faculty</b>	<b>HOD IT</b>
<b>Semester&amp;Section</b>	<b>V &amp; C</b>
<b>Date</b>	<b>5<sup>th</sup> Aug 2024</b>
<b>Conducted by</b>	<b>Mr. Ankit Kshirsagar Soft Buzz Technology Nagpur</b>
<b>Mode of Conduction</b>	<b>Offline</b>
<b>Beneficiaries</b>	<b>70</b>

## 2.Detailed Report on the Program

On the 5<sup>th</sup> of August 2024, Department of IT organized an Workshop on “ Agile Methodology and Advanced Web Development” conducted by Mr. Ankit Kshirsagar, an industry expert, delivered a insightful lecture on "Agile Methodology and Advanced Web Development" for IT 5th sem students. The lecture covered the fundamentals of Agile methodology, its principles, and its application in web development.

Mr. Kshirsagar shared his industry experience and provided practical examples of Agile implementation in web development projects. He demonstrated how Agile principles can be applied to real-world web development scenarios. The lecture included interactive sessions, providing students with opportunities to clarify their doubts and gain insights from the speaker’s expertise.

Concluding, The lecture provided students with a comprehensive understanding of Agile methodology. Mr. Kshirsagar’s industry expertise and engaging presentation style made the lecture informative and insightful. Students benefited from the lecture and are expected to apply the learnings in their future projects and endeavors.

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**3.Glimpses Of the Workshop**



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Dr. Mahendra Gaikwad

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## **Department of Information Technology**

### **1. Highlights**

<b>Session</b>	<b>2024-25</b>
<b>Name of event</b>	<b>Hp OMEN LAN gaming event</b>
<b>Name of Faculty Deputed</b>	<b>Prof.R.T Nakhate</b>
<b>Designation of deputed faculty</b>	<b>HOD IT</b>
<b>Time/Venue</b>	<b>11:30 to 5:30pm/ D20</b>
<b>Date</b>	<b>6<sup>th</sup> Aug 2024</b>
<b>Conducted by</b>	<b>BITS Forum,SRC GHRCE and Team Hp Mumbai</b>
<b>Mode of Conduction</b>	<b>Offline</b>
<b>Benificiries</b>	<b>20</b>

### **2.Detailed Report on the Program**

On the 7<sup>th</sup> of August 2024, SRC organized a gaming event Hp OMEN LAN gaming event, Where students actively participated and had an thrilling experience as every skilled gamer competed.

The HP OMEN LAN gaming event at GHRCE Nagpur was a huge success, with participants and spectators alike enjoying the thrilling matches and electric atmosphere. The event showcased the growing popularity of esports in the region and highlighted the importance of community-building and competition in the gaming world.

The Hp Mumbai Team had an great experience conducting the gaming event. The team declared their farewell and wished every participant a great future

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**3. Glimpses of the workshop**



Prof. Rajesh Nakhate

Dr. Mahendra Gaikwad

**Forum Incharge**

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# **BITS Forum**

## **Department of Information Technology**

### **1. Highlights**

<b>Session</b>	<b>2024-25</b>
<b>Name of event</b>	<b>Idol making competition</b>
<b>Name of Faculty Deputed</b>	<b>Prof. Rajesh Nakhate</b>
<b>Designation of deputed faculty</b>	<b>Forum In Charge</b>
<b>Time</b>	<b>2:00pm</b>
<b>Date</b>	<b>13<sup>th</sup> September 2024</b>
<b>Conducted by</b>	<b>Department of IT</b>
<b>Mode of Conduction</b>	<b>offline</b>
<b>Beneficiaries</b>	<b>25</b>

### **2. Detailed Report on the Program**

Report on Idol Making Competition - September 13, 2024

As part of the Ganesh Chaturthi celebrations, G.H. Raisoni College of Engineering (GHRCE) organized an Eco-friendly Idol Making Competition on September 13, 2024. The event was designed to combine creativity with environmental awareness, encouraging students to craft Ganesh idols using sustainable materials. The goal was to raise awareness about the importance of celebrating festivals in a manner that reduces environmental impact, particularly in terms of minimizing pollution caused by traditional idols made from non-biodegradable materials.

Students from various departments participated with great enthusiasm, bringing forward innovative designs and concepts for the idols. The competition not only tested the artistic skills of the participants but also their ability to think critically about environmental sustainability.

The IT Department put up a commendable performance, securing the Runner-up position in the competition. A special acknowledgment goes to Pratik Sherekar, who led the team with creativity and skill. Pratik's idol

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stood out for its intricate craftsmanship and the thoughtful use of natural, eco-friendly materials like clay, leaves, and organic colors. His design captured the traditional essence of Ganesh idols while aligning perfectly with the eco-friendly theme of the competition.

The competition was judged by a panel of experts, including professionals from art, culture, and environmental sciences, who assessed the idols based on creativity, adherence to the eco-friendly theme, and overall presentation. The panel praised the IT Department's entry for its artistic innovation and environmental consciousness.

The event concluded with the prize distribution ceremony, where Pratik Sherekar and his team were applauded for their achievement. Their eco-friendly idol was a symbol of sustainable innovation, adding to the college's efforts to promote green initiatives.

This competition not only fostered creativity and teamwork but also reinforced the importance of sustainable practices in cultural celebrations. Congratulations once again to Pratik Sherekar and the IT Department for their fantastic achievement!

### **3. Glimpses of the Event**



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### **Department of Information Technology**

### **1. Highlights**

<b>Session</b>	<b>2024-25</b>
<b>Name of event</b>	<b>Expert talk on – Hashing : A query efficient data structure</b>
<b>Name of Expert</b>	<b>Dr. Suman Banarjee Associate Professor IIT Jammu</b>
<b>Name of Faculty Deputed</b>	<b>Prof. Rajesh Nakhate</b>
<b>Designation of deputed faculty</b>	<b>Forum In Charge</b>
<b>Time</b>	<b>10:30am</b>
<b>Date</b>	<b>26<sup>th</sup> September 2024</b>
<b>Conducted by</b>	<b>Department of IT</b>
<b>Mode of Conduction</b>	<b>offline</b>
<b>Number of students</b>	<b>70</b>

### **2.Detailed Report on the Program**

Report on Guest Lecture by Dr. Suman Banerjee on "Hashing: A Query Efficient Data Structure"  
 Organized by the Department of Information Technology, GHRCE  
 For 3rd Semester IT Students

The Department of Information Technology at G.H. Raisoni College of Engineering (GHRCE) organized an enlightening guest lecture for the 3rd-semester IT students on the topic "Hashing: A Query Efficient Data Structure." The session was conducted on (insert date) and was graced by the esteemed speaker, Dr. Suman Banerjee, an Associate Professor at the Indian Institute of Technology (IIT), Jammu.

**Objective of the Lecture**

The objective of the lecture was to provide students with in-depth knowledge about hashing as an efficient data structure for managing and processing data. Hashing plays a crucial role in various fields such as database management, cryptography, and file systems, and the session aimed to equip students with the necessary theoretical and practical understanding of the subject.

**About the Speaker**

Prof. Rajesh Nakhate

Dr. Mahendra Gaikwad

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Dr. Suman Banerjee is a distinguished academician with extensive expertise in algorithms, data structures, and computational theory. His research work and publications in these fields have contributed significantly to the academic community. His engaging teaching style and vast knowledge made him an ideal choice for this guest lecture.

#### Interactive Session and Q&A

The lecture concluded with an interactive question-and-answer session, where students enthusiastically engaged with Dr. Banerjee, posing questions about the practical challenges of implementing hash tables and the latest advancements in hashing algorithms. Dr. Banerjee provided insightful responses and encouraged students to explore the topic further through hands-on practice and research.

#### Conclusion

The guest lecture by Dr. Suman Banerjee was highly informative and well-received by the students. His clear explanation of complex topics and real-world examples helped deepen the students' understanding of hashing as a query-efficient data structure. The session not only enhanced their theoretical knowledge but also inspired them to apply these concepts in their future academic and professional endeavors.

The Department of IT at GHRCE expresses its gratitude to Dr. Banerjee for his valuable time and knowledge and looks forward to organizing more such enriching sessions in the future.

### **3. Glimpses of the Event**



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# BITS Forum

## Department of Information Technology

### 1. Highlights

<b>Session</b>	<b>2024-25</b>
<b>Name of event</b>	<b>CSR activity in collaboration with Swsthayam Hospital at Zero Miles Nagpur</b>
<b>Name of Faculty Deputed</b>	<b>Prof. Rajesh Nakhate</b>
<b>Designation of deputed faculty</b>	<b>Forum In Charge</b>
<b>Time</b>	<b>10:30am</b>
<b>Date</b>	<b>29<sup>th</sup> September 2024</b>
<b>Conducted by</b>	<b>Department of IT</b>
<b>Mode of Conduction</b>	<b>offline</b>
<b>Beneficiaries</b>	<b>10</b>

### 2. Detailed Report on the Program

The IT Department of G.H. Raisonni College of Engineering, Nagpur, organized a Cardiopulmonary Resuscitation (CPR) awareness and training activity in collaboration with Swasthyam Hospital at Zero Miles, Nagpur. This initiative aimed to empower the community with life-saving skills, contributing to public safety and health awareness.

#### **Key Highlights of the Activity**

- **CPR Training Workshop:** The training session began with an introduction to Cardiopulmonary Resuscitation, emphasizing its significance in emergency situations, especially during cardiac arrests. The hospital's certified trainers demonstrated the correct techniques for performing chest compressions, rescue breathing, and the use of Automated External Defibrillators (AEDs).
- **Hands-on Practice:** Participants were given the opportunity to practice CPR techniques on dummies, guided by the medical professionals from Swasthyam Hospital. This practical session allowed attendees to gain confidence in performing CPR and responding effectively during emergencies.

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- **Emergency Response Awareness:** In addition to the CPR training, participants were educated on recognizing the signs of cardiac arrest, stroke, and other critical conditions. The session covered basic emergency response steps, including calling for help, ensuring safety, and performing CPR until professional medical assistance arrives.
- **Role of Technology in Emergency Medical Care:** The IT department of G.H. Raisoni College of Engineering contributed by showcasing a presentation on how technology can assist in emergency situations, such as mobile applications for first responders, health tracking devices, and the role of AI in healthcare. This segment highlighted the potential of technology in saving lives and improving healthcare outcomes.

#### **Impact and Feedback**

The event was well-received by the participants, including students, faculty members, and local residents. Many expressed their appreciation for the practical training and emphasized how important it is to be prepared for medical emergencies. The collaboration between Swasthyam Hospital and the IT department provided a holistic learning experience, combining both medical expertise and technological insights.

#### **Conclusion**

The CPR training activity was a successful initiative, promoting health awareness and life-saving skills among the community. The collaboration between G.H. Raisoni College of Engineering and Swasthyam Hospital proved effective in spreading vital knowledge and ensuring the participants were well-equipped to handle emergency situations. The IT department remains committed to organizing similar events in the future, contributing to community safety and well-being.

### **3. Glimpses of the Event**



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**Department of Information Technology**

## 1. Highlights

<b>Session</b>	<b>2024-2025</b>
<b>Name of Event</b>	<b>READING WORKSHOP</b>
<b>Name of Expert</b>	<b>Prof. Naresh Ambulkar, Mohadi, Bhandara</b>
<b>Name of Faculty Deputed</b>	<b>Prof. Rajesh Nakhate</b>
<b>Time</b>	<b>3:30 to 5:30pm</b>
<b>Date</b>	<b>7<sup>th</sup> Jan 2025</b>
<b>Total Audience</b>	<b>200</b>
<b>Organised by</b>	<b>BITS FORUM, NSS CELL and NEP CELL</b>
<b>Venue</b>	<b>G21 Hall</b>

## 2. Detailed Report on the Program

### Introduction

On the 7th of January 2025, BITS FORUM, NSS CELL and NEP CELL organized an Reading Workshop "**Vachan Sankalp Maharashtra**". The workshop provided a platform for all to share their love for reading and writing. The event aimed to encourage students to express themselves through literature and foster a sense of community among book lovers.

### Proceedings

The workshop began with a brief introduction by the HOD IT Dr. Mahendra Gaikwad Sir, to the concept of "Vachan Sankalp Maharashtra," which emphasizes the importance of reading and writing. Students who had registered for the event were then invited to share their own writings, including poetry, short stories, and essays.

### Highlights

Prof. Rajesh Nakhate

Dr. Mahendra Gaikwad

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- Diverse Range of Topics: Participants shared their writings on a wide range of topics, from social issues to personal experiences.
- Impressive Creativity: The quality of writing and creativity displayed by the students was impressive, showcasing their talent and passion for literature.
- Interactive Session: The workshop included an interactive session where students discussed their writings, received feedback.

#### **Conclusion**

The "Vachan Sankalp Maharashtra" reading workshop was a successful event that provided a platform for students to showcase their literary talents. The event helped foster a sense of community among students who share a passion for reading and writing and we look forward to more such initiatives in the future.

### **3. Glimpses of the Event**



Prof. Rajesh Nakhate

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# **BITS Forum**

## **Department of Information Technology**

### **1. Highlights**

<b>Session</b>	<b>2025-2026</b>
<b>Name of event</b>	<b>“CASH OF CONSOLES” gaming event</b>
<b>Name of Faculty Deputed</b>	<b>Dr. Mahendra Gaikwad</b>
<b>Time</b>	<b>9am to 12pm</b>
<b>Date</b>	<b>11th Jan 2025</b>
<b>Organised by</b>	<b>BITS FORUM</b>
<b>Venue</b>	<b>F16 and F09</b>
<b>No of Beneficiaries</b>	<b>40</b>

### **2. Detailed Report on the Program**

#### **Introduction**

On the 11th of January 2025, BITS FORUM organized an gaming event “**CLASH OF CONSOLES**” which featured games like **CALL OF DUTY, CLASH ROYALE, VALORANT** and **ASPHALT**.

#### **Proceedings**

There were many student gamers who participated in the event showcasing their rich gaming skills. There were squads and also solo players as per the game, a furious competition and enthusiasm was seen among the players to win the rounds and became the winner of the match. Winners of all the featured matches were awarded with cash prize and the participants were provided with certificates.

#### **Conclusion**

The event was an absolute success gamers enjoyed having to showcase their gaming skills. Event Coordinators managed the event so smoothly.

Prof. Rajesh Nakhate

Dr. Mahendra Gaikwad

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Winners of all the games were then awarded and congratulated by HOD IT DR. Mahendra Gaikwad. The event demonstrated the growing interest in gaming among students and highlighted the importance of providing platforms for students to engage in their passions.

### **PARTICIPANTS AND WINNERS OF CLASH ROYALS**

Utkarsh Uppalwar
Rohan Nandanwar
Om Lakhani
Yash Bele
Ansh Umredkar
Aman Singh
Vedant Gaikwad
Arjun Chaurasiya
Krupal
Shubham
Arya Lolusare
Yash Jain
Devashish

WINNER	AMAN SINGH
RUNNER UP	OM LAKHANI

### **PARTICIPANTS AND WINNER OF ASPAHALT**

Siddhesh Manapure
Himanshu Harinkhede
Shree Agalawe
Chitransh Shriwastava
Madhur Pande
Devashish Kumar
Aviral Pathak
Arjun Chaurasia
Yug Agarwal
Soham Kale
Tejas Rathi
Yash Jain
Shubham Kumre
Krupal Kumre

Prof. Rajesh Nakhate

Dr. Mahendra Gaikwad

**Forum Incharge**

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#### **PARTICIPANTS AND WINNERS OF CALL OFF DUTY**

Ankit Tiwari
Atharva Patil
Parth Thakre
Shreyash Bahe
Lohit Bhaware
Yug Agrawal
Arya Lolusare
Chitransh Shrivastava
Bhupeshwar Dayal
Shlok

#### **WINNERS**

Yug Agrawal
Arya Lolusare
Chitransh Shrivastava
Bhupeshwar Dayal
Shlok

#### **PARTICIPANTS AND WINNERS OF VALORANT**

Ashutosh Mahule
Manas Dumre
Ninad dhenge
Aayush Pathak
Akhilesh Sirsikar
Krishna Batra
Aditya Warotkar
Sanskar Navghare
Akshay Shrivastava
Aryan Mishra
Tanishq Khobragade
Shikhar Madankar
Sahil Manapure
Parth Dhote
Meghansh Mohobey

#### **WINNERS**

Ashutosh Mahule
Manas Dumre
Ninad dhenge
Aayush Pathak
Akhilesh Sirsikar

Prof. Rajesh Nakhate

Dr. Mahendra Gaikwad

**Forum Incharge**

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**BITS Forum**  
**Department of Information Technology**

**3. Glimpses of the Event**



Prof. Rajesh Nakhate

Dr. Mahendra Gaikwad

**Forum Incharge**

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## **BITS Forum**

### **Department of Information Technology**

### 1. Highlights

<b>Session</b>	<b>2025-2026</b>
<b>Name of event</b>	<b>Industry Guest Lecture</b>
<b>Name of Faculty Deputed</b>	<b>Prof.R.T Nakhate</b>
<b>Name of Expert:</b>	<b>Mr. Allen Abraham , DIRECTOR SS Infotech Nagpur</b>
<b>Date</b>	<b>29th January 2025</b>
<b>Organised by</b>	<b>Department of Information Technology &amp; BITS forum</b>
<b>Venue</b>	<b>F21</b>
<b>No of Beneficiaries:</b>	<b>100</b>

### 2. Detailed Report on the Program

#### **INTRODUCTION**

The Department of Information Technology organized a guest lecture on January 29, 2025, featuring **Mr. Allen Abraham**, Director of SS InfoTech Private Ltd., Nagpur. Mr. Abraham, a respected figure in the IT industry, delivered an engaging and informative session on "**Optimizing Corporate Email Practices: Leveraging AI for Innovative Product Development**" to a group of Information Technology students in room F-21.

The session started with DR. Mahendra Gaikwad HOD.IT welcoming the guest with flowers and briefing with his introduction and achievements.

#### **PROCEEDINGS**

Prof. Rajesh Nakhate

Dr. Mahendra Gaikwad

**Forum Incharge**

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Mr. Abraham delivered a lecture on how AI can improve corporate email practices and drive product innovation. He discussed AI's role in automating email tasks, enhancing security, improving communication, and informing product development. Students engaged in a Q&A session, exploring practical applications and ethical considerations of AI in email management. The lecture provided valuable insights into the future of AI in corporate communication.

#### **CONCLUSION**

This event successfully contributed to the department's goal of bridging the gap between academia and industry, equipping students with the skills and knowledge they need to succeed in the rapidly evolving IT landscape.

Mr. Abraham's expertise and engaging presentation style made the session both informative and inspiring

### **3. Glimpses of the Event**



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### 1. Highlights

<b>Session</b>	<b>2024-25</b>
<b>Name of workshop/FDP/STTP</b>	<b>Advantage Vidarbha 2025 - Cybersecurity Talk</b>
<b>Name of Faculty Deputed</b>	<b>Prof.Rajesh Nakhate</b>
<b>Designation of deputed faculty</b>	<b>HOD IT</b>
<b>Time</b>	<b>02:30 PM</b>
<b>Date</b>	<b>9th February 2025</b>
<b>Organizer</b>	<b>Department of IT</b>
<b>Organized by</b>	<b>Association for Industrial Development (AID)</b>
<b>Mode of Conduction</b>	<b>offline</b>
<b>No of Beneficiaries</b>	<b>25</b>

### 2.Detailed Report on the Program

Advantage Vidarbha 2025, a mega industrial exhibition, business conclave, and investment summit, brought together industry experts, entrepreneurs, and professionals to discuss the latest trends and challenges in various sectors. Among the key highlights of the event was the insightful Cybersecurity Talk on "Combating the Threats and Challenges of Cybersecurity & Digital Crime," held on 9th February 2025 at Hall D, RTMNU Campus Ground, Nagpur.

The session focused on raising awareness about the increasing threats posed by cybercrime, data breaches, and digital vulnerabilities, which have become a major concern for businesses, governments, and individuals alike. The event attracted a diverse audience, including IT professionals, business leaders, students, and government officials, all eager to learn about cybersecurity practices and strategies.

Key Highlights:

- **Expert Speakers and Discussion:**

The session featured prominent cybersecurity experts who shared their insights on the evolving landscape of digital threats. They emphasized the importance of adopting proactive measures to

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protect digital infrastructure, secure data, and prevent cyberattacks. Topics such as ransomware, phishing, and emerging cybercrimes were discussed in-depth.

- **Strategies for Combating Cyber Threats:**  
The speakers highlighted several strategies to combat digital crime, including the implementation of advanced security protocols, regular system updates, and employee awareness programs. They also focused on the role of encryption, firewalls, and multi-factor authentication in preventing unauthorized access.
- **Interactive Q&A Session:**  
The event featured an interactive Q&A session where attendees could ask questions about the latest cybersecurity trends, challenges, and solutions. This gave participants the opportunity to engage directly with experts and gain practical advice on strengthening their digital security.
- **Networking Opportunities:**  
The event provided valuable networking opportunities for professionals, entrepreneurs, and industry leaders to connect, collaborate, and share their knowledge and experiences in the field of cybersecurity and digital crime prevention.

#### **Conclusion:**

The Cybersecurity Talk at Advantage Vidarbha 2025 successfully raised awareness about the critical need for robust cybersecurity measures in the digital age. It provided attendees with valuable insights into combating digital crime and protecting sensitive information. The event highlighted the importance of staying updated on cybersecurity trends and encouraged collaboration between various sectors to address the growing challenges of digital threats.

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### 1. Highlights

<b>Session</b>	<b>2024-25</b>
<b>Name of event</b>	<b>Industrial Visit</b>
<b>Name of Faculty Deputed</b>	Prof. Rajesh Nakhate
<b>Designation of deputed faculty</b>	<b>Forum In Charge</b>
<b>Time</b>	<b>11:00am to 2.00pm</b>
<b>Date</b>	<b>6<sup>th</sup> February 2024</b>
<b>Conducted by</b>	<b>Department of IT</b>
<b>No of beneficiaries</b>	<b>110</b>

### 2. Detailed Report on the Program

**Objective:**

The visit aimed to provide students with practical exposure to ERP (Enterprise Resource Planning) systems and their role in streamlining operations within a manufacturing environment.

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**Overview:**

On 6th February 2025, 4th semester Information Technology students visited the ERP Division at Dinshaw Factory, MIDC Bittibori, Nagpur. The session included an introduction to ERP systems, their role in integrating business functions, and how they enhance manufacturing processes.

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**Key Highlights:**

- **ERP Introduction:** Students were briefed on how ERP systems unify operations such as inventory, production, and finance.
  - **Practical Demonstration:** Students observed real-time data entry, process tracking, and report generation within the ERP system.
  - **Industry Insights:** Experts discussed the challenges and benefits of ERP systems, career opportunities in ERP management, and the integration of AI and automation.
- 

**Learning Outcomes:**

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- **Practical Experience:** Students gained insights into ERP applications in manufacturing.
- **System Integration:** The visit highlighted the role of ERP in improving efficiency across departments.
- **Future Trends:** Students learned about AI and automation integration in ERP systems.

#### **Conclusion:**

The visit provided valuable hands-on experience and enhanced students' understanding of how ERP systems optimize business operations in industries. It bridged the gap between theory and real-world IT applications.

#### **Acknowledgment:**

We thank Dinshaw Factory for hosting the visit and offering valuable insights into the ERP system's role in industrial operations.

### **3. Glimpses of the Event**



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### 1. Highlights

<b>Session</b>	<b>2024-25</b>
<b>Name of event</b>	<b>Industrial Visit at Regional Meteorological Center (RMC), Nagpur</b>
<b>Name of Faculty Deputed</b>	<b>Prof. Rajesh Nakhate</b>
<b>Designation of deputed faculty</b>	<b>Forum In Charge</b>
<b>Time</b>	<b>11:00am</b>
<b>Date</b>	<b>24<sup>th</sup> march 2024</b>
<b>Conducted by</b>	<b>Department of IT</b>
<b>No. Of Beneficiaries</b>	<b>100</b>
<b>Semester/Section</b>	<b>VI/A,B</b>

### 2. Detailed Report on the Program

#### 1. Introduction:

An industry visit was organized for the 6th-semester students of Section A and B, totaling 60 students, to the Regional Meteorological Center (RMC), Nagpur, under the Meteorological Department of India. The visit aimed to provide students with practical exposure to meteorological data collection, weather forecasting techniques, and the role of meteorology in various industries.

#### 2. Objective of the Visit:

The primary objective of the visit was to enhance students' understanding of meteorological instruments, weather prediction models, and the application of meteorology in disaster management, agriculture, and aviation.

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#### 3. Overview of the Visit:

Upon arrival at the RMC, students were welcomed by the officials and given an introductory session on the significance of meteorology. Experts from the department explained the working principles of various meteorological instruments such as barometers, anemometers, and rain gauges. A demonstration of satellite-based weather monitoring systems and Doppler radar technology was also conducted.

#### 4. Key Learnings:

- Understanding of meteorological instruments and their applications.
- Exposure to real-time weather monitoring and data analysis.
- Insight into weather forecasting methods and disaster preparedness strategies.
- Awareness of the role of meteorology in climate studies and environmental protection.

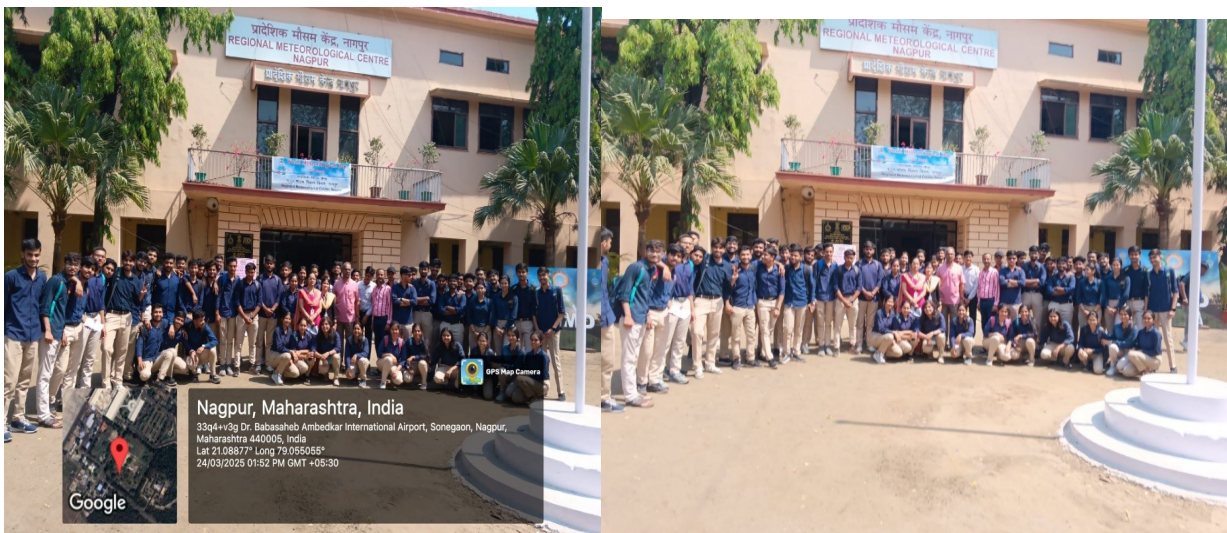
#### 5. Conclusion:

The industry visit to the Regional Meteorological Center, Nagpur, proved to be an insightful and educational experience for the students. It provided them with practical knowledge of meteorological operations and their significance in various fields. The visit bridged the gap between theoretical concepts and real-world applications, enhancing their technical understanding and career perspectives in meteorology and related domains.

#### 6. Acknowledgment:

We express our sincere gratitude to the officials of the Regional Meteorological Center, Nagpur, for their valuable time, guidance, and informative sessions. Special thanks to the faculty coordinators and administration for organizing this enriching visit.

### **3. Glimpses of the Event**



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### **1. Highlights**

<b>Session</b>	<b>2024-25</b>
<b>Name of event</b>	<b>Industrial visit at Indian Space Research Organization (ISRO) ,Nagpur</b>
<b>Name of Faculty Deputed</b>	<b>Prof. Rajesh Nakhate</b>
<b>Designation of deputed faculty</b>	<b>Forum In Charge</b>
<b>Time</b>	<b>11:00am</b>
<b>Date</b>	<b>25<sup>th</sup> march 2024</b>
<b>Conducted by</b>	<b>Department of IT</b>
<b>No. Of Beneficiaries</b>	<b>50</b>
<b>Semester/Section</b>	<b>VI/C</b>

### **2.Detailed Report on the Program**

#### **1. Introduction:**

An industry visit was organized for the 6th-semester students of Section C, IT Department, to the Indian Space Research Organisation (ISRO), Nagpur on 25th March at 11:00 AM. The visit aimed to provide students with insights into space research, satellite technology, and the role of ISRO in national development.

#### **2. Objective of the Visit:**

The primary objective was to introduce students to the functioning of ISRO, satellite communication, and the latest advancements in space technology. The visit also aimed to inspire students towards careers in space research and technology development.

#### **3. Overview of the Visit:**

Upon arrival at ISRO, students were welcomed by senior scientists and given an introductory session on

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ISRO's mission and achievements. The session covered satellite launching systems, space exploration missions, and India's advancements in space technology. Students were shown live demonstrations of satellite tracking, propulsion systems, and mission control operations.

#### **4. Key Learnings:**

- Understanding of satellite technology and space research..
- Insight into the mission planning and execution process.
- Awareness of career opportunities in space research and technology.

#### **5. Conclusion:**

The visit to ISRO was an enriching and informative experience for the students. It provided them with valuable insights into the complexities of space missions and the role of ISRO in technological advancements. The visit bridged the gap between theoretical knowledge and real-world applications, inspiring students to explore careers in space science and technology.

#### **6. Acknowledgment:**

We express our sincere gratitude to the officials of ISRO for their time, guidance, and informative sessions. Special thanks to the faculty coordinators and administration for organizing this valuable visit.

### **3.Glimpses of the Event**



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### **1. Highlights**

<b>Session</b>	<b>2024-25</b>
<b>Name of workshop/FDP/STTP</b>	<b>Expert Talk on Information Retrieval</b>
<b>Name of Faculty Deputed</b>	<b>Dr. Maunendra Desarkar</b> <b>099021 99220</b>
<b>Designation of deputed faculty</b>	<b>Associate Professor at IIT Hyderabad</b>
<b>Time</b>	<b>10:30 AM</b>
<b>Date</b>	<b>25th march 2025</b>
<b>Organizer</b>	<b>Department of IT &amp;BITS Forum</b>
<b>No. Of Beneficiaries</b>	<b>200</b>
<b>Semester/Section</b>	<b>IV/VI/A,B,C</b>

### **2. Detailed Report on the Program**

#### **1. Introduction:**

An expert talk on "Information Retrieval" was conducted on 25th March 2025 at 10:30 AM. The session was delivered by Dr. Maunendra Desarkar, Associate Professor at IIT Hyderabad. The talk aimed to provide students with in-depth knowledge of information retrieval techniques and their applications in modern computing.

#### **2. Objective of the Event:**

The primary objective was to introduce students to the fundamentals of information retrieval, search engine algorithms, and the latest advancements in this field. The session aimed to enhance students' understanding of data indexing, ranking mechanisms, and relevance in information retrieval systems.

#### **3. Overview of the Event:**

Dr. Maunendra Desarkar provided an insightful lecture on key topics related to information retrieval. He discussed the working principles of search engines, natural language processing techniques, and the role of artificial intelligence in optimizing search results. Real-world applications, including web search engines and recommendation systems, were also covered. The session concluded with an interactive Q&A session where students actively participated in discussions.

#### **4. Key Learnings:**

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- Fundamentals of information retrieval and indexing techniques.
- Understanding of AI and machine learning applications in information retrieval.
- Real-world use cases, including web search and recommendation systems.

#### **5. Conclusion:**

The expert talk on Information Retrieval was an enlightening and informative session for the students. It provided them with a strong foundation in search technologies and their significance in the digital era. The event successfully bridged the gap between theoretical concepts and practical applications, inspiring students to explore research and career opportunities in this domain.

#### **6. Acknowledgment:**

We express our sincere gratitude to Dr. Maunendra Desarkar for his valuable time and knowledge-sharing session. Special thanks to the faculty coordinators and administration for organizing this insightful event.

### **3. Glimpses of the event**



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## **Department of Information Technology**

### **1. Highlights**

<b>Session</b>	<b>2025-2026</b>
<b>Name of event</b>	<b>International Expert Talk</b>
<b>Name of Faculty Deputed</b>	<b>Prof. Pradeep barde &amp; Prof. Rajesh Nakhate</b>
<b>Lecture by</b>	<b>Dr. Rama Abirami K</b> <b>Lecturer at Curtin</b> <b>University, Miri, Malaysia (QS World University Ranking</b> <b>2024: 174)</b>
<b>Date</b>	<b>3rd April 2025</b>
<b>Organised by</b>	<b>Department of Information Technology</b>
<b>Mode of Conduction</b>	<b>Online Mode</b>
<b>No of Beneficiaries</b>	<b>100+</b>

### **2. Detailed Report on the Program**

#### **INTRODUCTION**

On 3rd April 2025, the Department of Information Technology organized an International expert talk on the topic "Exploring the Landscape: Threats, Strategies, and Ethical Hacking Tools" by Dr. Rama Abirami K, Lecturer in cybersecurity in Curtin University Malaysia. The session aimed to provide insights into the evolving cybersecurity challenges and the tools used to counter them.

#### **PROCEEDINGS**

Dr. Rama Abirami began her session by discussing various types of cyber threats such as phishing, malware, and ransomware. She then introduced strategic approaches to cybersecurity, followed by a practical explanation of ethical hacking tools. The session was interactive and enriched with real-life case studies and demonstrations.

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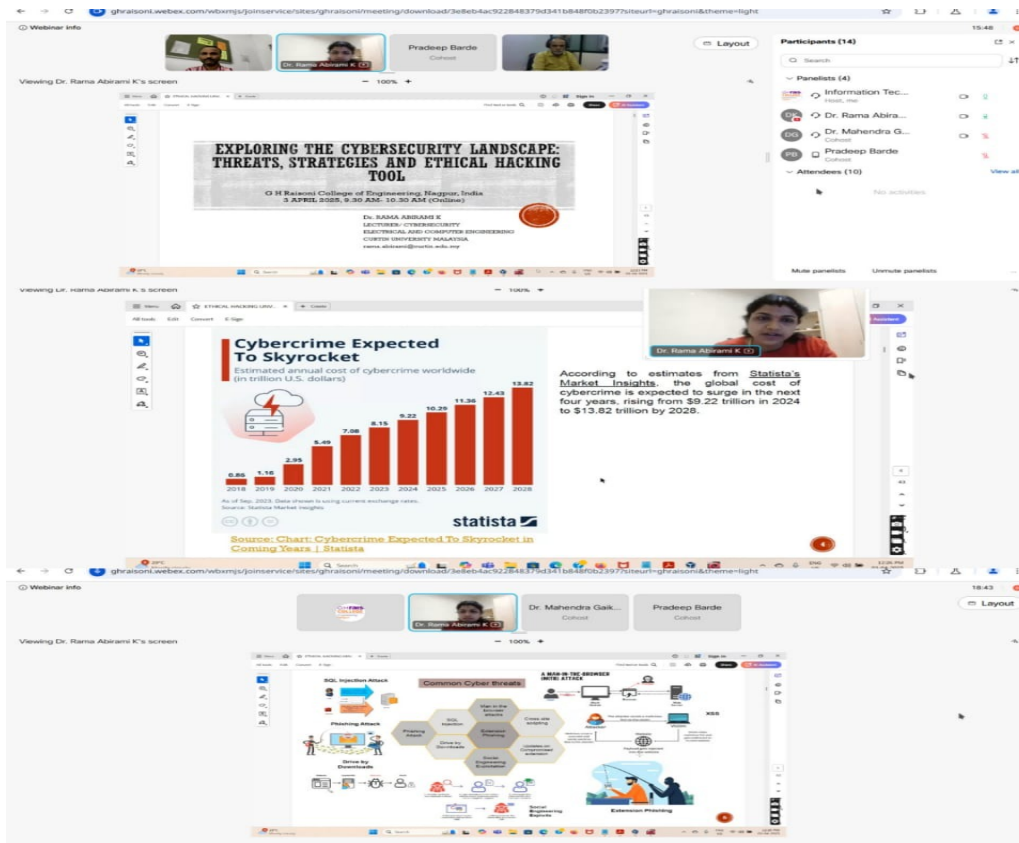
The talk concluded with an engaging Q&A session, where participants raised thoughtful questions, which Dr. Abirami answered with clarity and depth.

### **CONCLUSION**

The session was highly informative and well-received by students and faculty alike. It provided a comprehensive understanding of the evolving threats in cyberspace and the ethical measures to tackle them. The Department extends sincere thanks to Dr. Rama Abirami K for sharing her expertise and time.

We also express our heartfelt appreciation to the faculty coordinators, Mr. Rajesh Nakhate and Mr. Pradeep Barde, for their efforts and seamless organization of this insightful event

### **3. Glimpses of the Event**



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