

Computer Engineers Students Society (CESS)

Year of Establishment: JUNE 2001



With over 400+ undergraduate students in the department, CESS is one of the largest engineering departmental clubs. CESS provides a great platform for all its members to get into various extracurricular activities. We aim that students should have in depth knowledge about the upcoming technologies and to achieve that objective, we try to conduct workshops and seminars

which is required for applications in the real world, which are not included in the curriculum. Through the hard work of our faculty and student volunteers, our goal is to provide the students with a better environment to learn and gain lifelong skills. The purpose of the Computer Engineering Student Society is to provide the students with an educational and professional community aimed at preparing students for a rigorous academic program, exploring educational and professional post-graduate options and making the most out of their Purdue experience. We encourage all our student members to get involved.

Computer Society of India (CSI)

Year of Establishment: June 2016



Computer Society of India is the first and largest body of computer professionals in India. It was started on 6 March 1965 by a few computer professionals and has now grown to be the national body representing computer professionals. It has 72 chapters across India, 511 student branches, and 100,000 members. The Computer Society of India is a non-profit professional meet to exchange views and information learn and share ideas. The wide spectrum of members is

committed to the advancement of theory and practice of Computer Engineering and Technology Systems, Science and Engineering, Information Processing and related Arts and Sciences. The Society also encourages and assists professionals to maintain integrity and competence of the profession and fosters a sense of partnership amongst members. Besides the activities held at the Chapters and Student Branches, the Society also conducts periodic conferences, seminars.

CESS/CSI FACULTY CONVENER: Mr. Dilip Dalgade

CESS/CSI WEBSITE: http://rgitcess.in



Department of Computer Engineering

List of Student Committee for the year 2024-25

Name	Position
Santa Kumar	President
Rushikesh Shelar	Vice President
Riya Pradhan	Female Vice President
Razeen Sayyed	Managing Director
Ketan Chavan	General Secretary
Aishwarya Gupta	Ass. General Secretary
Arya Patil	Ass. General Secretary
Yashraj Gavale	Ass. General Secretary
Sakshi Shinde	Ass. General Secretary
Shubham Jankar	Event Management Secretary
Dhruv Gohil	Technical Secretary
Nishika Mehta	Publicity Secretary
Tisha Tejwani	Marketing Secretary
Dhruv Lohar	Web Master
Gargi Hawaldar	Digital Creative Secretary
Harshita Patil	Content & Editorial Secretary
Mohit Jain	Social Media Secretary



Department of Computer Engineering CESS/CSI EVENT LIST Year 2023-2024

Seminar/Webinar/Talk/Hackathon

Sr. No.	Particulars	Date	
1	NASA AI Seminar	31/07/2023	
2	Data Science Seminar	12/09/2023	
3	Cyber Security Seminar	12/10/2023	
4	Abroad Studies Webinar 14/10/2023		
5	Data Analytics Seminar 17/10/		
6	Abroad Studies Seminar	24/01/2024	
7	Codertine: Online Coding Competition 10/02/2024		
8	Alumni Talk 16/02/2024		
9	Recursion 5.0 Hackathon 13/03/2024 to 14/03		

CESS/CSI EVENT LIST Year 2022-2023

Seminar/Webinar/WorkshopTalk/Hackathon

Sr. No.	Particulars	Date
1	Hackathon-RECURSION 4.0	16/03/2023 to 17/03/2023
2	Cloud Computing workshop	28/02/2023
3	Clash of Coders(Platform by coding Ninjas)	03/02/2023
4	Overseas Education Seminar	25/01/2023
5	Codertine 3.0	08/10/2022
6	Cyber Security Awareness Seminar	28/09/2022
7	Life after engineering expert talk	22/09/2022
8	Orienattion for 21-22 batch	18/08/2022
9	Data Analytics seminar	12/08/2022



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CESS/CSI EVENT LIST Year 2021-2022

Seminar/Webinar/WorkshopTalk/Hackathon

Sr. No.	Particulars	Date
1	Hackathon-Recursion 3.0	21/04/2022 to 22/04/2022
2	Cloud Computing Workshop	10/03/2022 to 12/03/2022
3	HTML/CSS Reach and Teach	18/02/2022
4	Flutter Webinar	13/02/2022
5	Foreign Exchange Webinar	31/01/2022
6	Data Structures & Algorithm Webinar	11/12/2021
7	Codertine 2.0	13/11/2021
8	Cyber Security Awareness (2 day webinar)	04/10/2021 to 07/10/2021
9	Cyber Security Webinar	28/09/2021
10	Machine Learning Webinar	23/09/2021
11	Python Workshop Reach and Teach	18/09/2021
12	Entrepreneurship	02/09/2021
13	Cyber Security Webinar(by Alumni)	28/08/2021
14	Data Science Webinar	22/08/2021

CESS/CSI EVENT LIST Year 2020-2021

Seminar/We binar/Workshop/Talk/Hackathon

Sr. No.	Particulars	Date
1	Front End Web Development (By: Alumni)	02/10/2020
2	Student Guide To Approach Capstone Project	02/10/2020
	(By: Alumni)	
3	Google Cloud Platform webinar	04/10/2020
4	Career Counselling webinar	11/10/2020
5	Data Science webinar	06/02/2021
6	Development of Recommendation Engine using Python	12/04/2021
7	Microsoft (By: Alumni)	08/05/2021
8	Higher Studies (MBA, GRE)	10/10/2020 to 12/02/2021
9	Cloud Computing (Workshop)	31/03/2021 to 02/04/2021
10	WordPress (Workshop)	01/05/2021
11	Codertine Coding (Competition)	
12	Recursion 2.0 Hackathon 21(Competition)	20/03/2021
13	Introduction to Deep Learning(Reach and Teach)	29/09/2020



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Event Reports Year 2023-2024

1. NASA AI Seminar

Date: 31st July, 2023 Speaker: Dr. Ravi Margasahayam

The collaborative webinar was organized by RGIT CESS and CODE CELL with Institution's Innovation Council(IIC), in conjunction with the National Space Society USA Mumbai Chapter on Multidisciplinary AI Applications on 9th August at the seminar hall. A diverse group of students and tech enthusiasts from around the world participated in this webinar. The webinar commenced at 9:50 am and concluded at 11 am.

The keynote speaker was Dr. Ravi Margasahayam, a NASA Global Space Ambassador, who has played an instrumental role in launching over a hundred Space Shuttle missions, which took more than 700 astronauts to the International Space Shuttle, including Indian-born astronaut, Kalpana Chawla.Ms. Nandini Yadav started the webinar with a comprehensive introduction to the concept of AI as a catalyst for innovation, empowering scientists, engineers, and space enthusiasts. The audience gained a deeper understanding of how AI serves as the backbone of advanced algorithms, computational models and the achievements of AI-driven autonomous systems, including the successful unscrewed spacecraft missions and the remarkable feat of autonomous landings of space shuttles. The webinar also delved into AI's potential in shaping lunar settlements and Mars colonization initiatives.

In conclusion, the webinar provided an insightful journey through the world of multidisciplinary AI applications in space exploration. The event can be deemed a success as it effectively achieved its intended goals and objectives and efficiently conveyed the necessary information to the intended audience.

Glimpse of events:







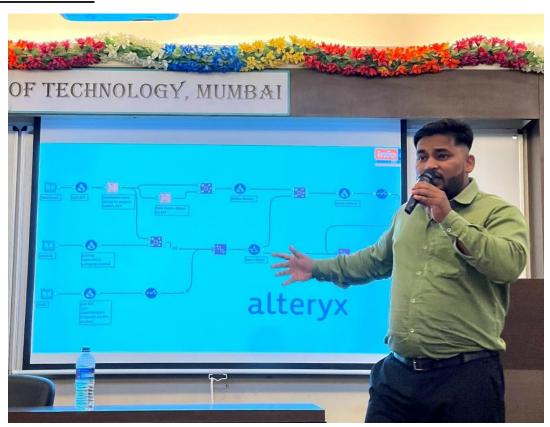
RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI Department of Computer Engineering 2. DATA SCIENCE SEMINAR

Date: 12th September, 2023 Speaker: Mr. Kareem Shah

DESCRIPTION: An enlightening seminar was organized by RGIT CESS and CODE CELL for RGIT students, offering a comprehensive insight into the field of Data Science with the objective of enhancing their understanding and skills. Mr. Kareem Shah, an esteemed speaker, brought a wealth of expertise to the seminar as a Data Scientist at Infodesk Computer Education, his extensive knowledge and practical experience in the field brought its own charm to the event. This seminar not only contributed to the participants' educational growth, but also inspired them to pursue successful careers in Data Science.

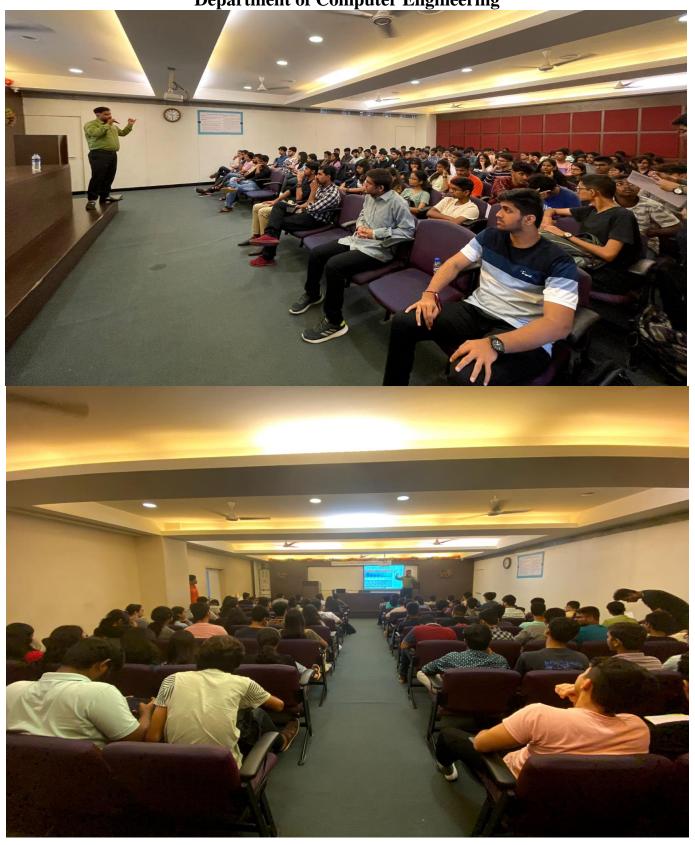
OBJECTIVES: As Data Science is a rapidly evolving domain, with new tools and techniques emerging constantly, keeping pace with these advancements can be daunting. Hence, this seminar was a timely initiative to equip students with the knowledge and tools necessary to pursue a successful career in this booming field. As the demand for data scientists continues to surge, it becomes important for aspiring professionals, especially students, to grasp the fundamentals and applications of Data Science. The event provided invaluable insights, interactive sessions, networking opportunities, and hands-on experience for the attendees, making the event both enlightening and enjoyable. The tools covered in the field of data science were also introduced, namely Alteryx and Microsoft Power BI and many more, as potent tools for harnessing the power of data. This seminar has provided the aspiring Data Scientists of RGIT with the knowledge and tools necessary to navigate this rich and innovative landscape of Data Science.

Glimpse of events:





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Department of Computer Engineering 3. ETHICAL HACKING SEMINAR (Cyber Security)

Date:12th October 2023 Speaker: Mr.Gaurav Kumar

An informative seminar was organized by RGIT CESS and CODE CELL for RGIT students, share their knowledge and insight into the field of Cyber Security and Ethical Hacking with the objective to build up their hacking skills.Mr.Gaurav Kumar, an esteemed speaker, brought a wealth of expertise to the seminar as a Ethical Hacker and CEO of "The Tech Uniques",his valuable knowledge into the world of cybersecurity and demonstrations of hacking techniques used by ethical hackers in this world. This seminar not only contributed to the participant's educational growth, but also improved their practical exercises and workshops that allow participants to gain hands-on experience. There was a small quiz taken on the basis of seminar.

Cybersecurity in today's world is the practice of protecting digital systems, networks and data from a wide range of threats, including hackers and other cyberattacks, to ensure the privacy and availability of information and services. Hence, this seminar was to raise awareness about social attacks and how to defend against them. In the world of cyber crime, ethical hackers are in high demand which becomes a career opportunity for aspiring students, to gain knowledge of Cyber Security. The event provided valuable insights, interactive sessions, networking opportunities and hands-on experience for the attendees, making the event both enlightening and enjoyable. The tools covered in the field of ethical hacking were also introduced such as Kali Linux, Nmap, etc as a tools for the ethical hacking. This seminar has provided the aspiring Ethical Hackers of RGIT with the knowledge and tools necessary to navigate an innovative prospect of Cyber Security.





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Date: 14 October 2023

An informative webinar was conducted by RGIT CESS and CODE CELL for RGIT students to provide information about how to pursue abroad studies. The webinar was conducted by GENIUS CREATION, a highly respected organization in the field of international education, known for their extensive knowledge and experience. With a background in assisting students in pursuing their educational dreams abroad, their expertise left a lasting impression on all attendees, motivating them to consider the life-changing opportunities that studying abroad can offer.

The main objective of the webinar was to provide information to the students about various study abroad programs and destinations, highlight the benefits and advantages of studying abroad, address any concerns or questions students may have about studying abroad, offer guidance on the application process, scholarships, and financial aid opportunities, share personal experiences and stories from students who have studied abroad, encourage students to consider studying abroad as a way to enhance their education and personal growth. The GC abroad studies webinar successfully achieved its objectives of informing and inspiring students about the benefits and opportunities of studying abroad. Students attending the webinar, were well equipped with valuable information and had a clear understanding of the application process, and a renewed enthusiasm for exploring the world through education.





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Department of Computer Engineering 5. DATA ANALYSIS SEMINAR

Date: 17th October 2023 Speaker: Ms. Nikita Tandel

An insightful Data Analytics Seminar took place on the 17th of October, organized by RGIT CESS and CODE CELL for RGIT students. The seminar aimed to provide a comprehensive understanding of Data Analytics, with the primary objective of enhancing participants' skills and knowledge in the field. Ms. Nikita Tandel, an esteemed speaker and expert in the domain, shared her wealth of experience as a Data Scientist, focusing on improving business growth, optimizing performance through effective decision-making, enhancing risk management, and elevating customer experiences. The event was a remarkable occasion, where Ms. Tandel's practical insights brought a unique charm, leaving a lasting impact on the attendees. In the fast-evolving landscape of Data Science, staying abreast of new tools and techniques is crucial. The seminar, held at a timely juncture, aimed to equip students with the necessary knowledge and tools for a successful career in Data Analytics. Recognizing the growing demand for skilled data scientists, the event focused on helping aspiring professionals, particularly students, grasp the fundamentals and applications of Data Science. Attendees benefited from invaluable insights, interactive sessions, networking opportunities, and hands-on experience, making the seminar both enlightening and enjoyable. Ms. Tandel introduced potent tools like Alteryx and Microsoft Power BI, among others, highlighting their significance in harnessing the power of data. This seminar has empowered the aspiring Data Scientists of RGIT with the knowledge and tools essential to navigate the dynamic and innovative landscape of Data Analytics.

Glimpse of events:











Department of Computer Engineering 6. MIGRANT MASTER STUDY ABROAD SEMINAR

Date: 24/01/2024

DESCRIPTION: An enlightening yet informative seminar was conducted by RGIT CESS and CODE CELL for RGIT students to provide information about how to pursue abroad studies. The seminar was conducted by MIGRANT MASTER, a highly respected organization in the field of international education, known for their extensive knowledge and experience. With a background in assisting students in pursuing their educational dreams abroad, their expertise left a profound impression on all attendees, motivating them to consider the life-changing opportunities that studying abroad can offer.

OBJECTIVES: The main objective of the seminar was to provide information to the students about various study abroad programs and destinations, highlight the benefits and advantages of studying abroad, address any concerns or questions students may have about studying abroad, offer guidance on the application process, scholarships, and financial aid opportunities, share personal experiences and stories from students who have studied abroad, encourage students to consider studying abroad as a way to enhance their education and personal growth. The Migrant Master study abroad seminar successfully achieved its objectives of informing and inspiring students about the benefits and opportunities of studying abroad. Students attending the seminar, were well equipped with valuable information and had a clear understanding of the application process, and a renewed enthusiasm for exploring the world through education.









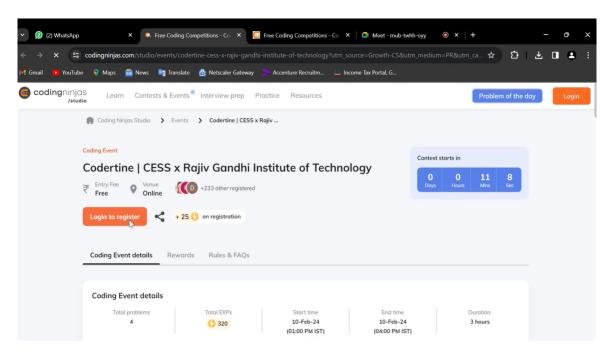


Department of Computer Engineering 7. CODERTINE

Date: 10th February 2024

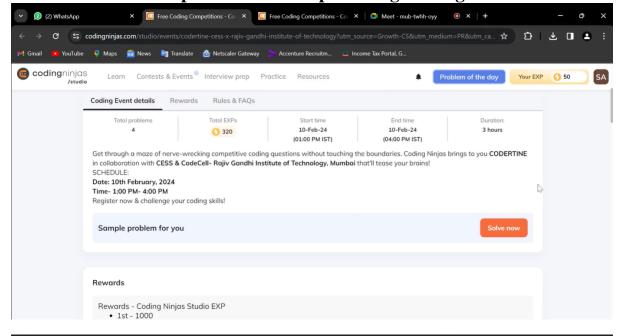
DESCRIPTION: Codertine, an online coding competition was organized by RGIT CESS and CODECELL, for providing participants with a stimulating platform to showcase their coding prowess. Prior to the commencement, a rules and regulations briefing was conducted at 12:00 PM via Google Meet by the team, ensuring that all participants were well-informed about the guidelines and expectations of the competition. Hosted on the Coding Ninjas platform, the event attracted a diverse pool of over 150 participants across various colleges, eager to test their skills across four progressively challenging coding questions. The coding event officially commenced after the guideline overview, marking the beginning of an intense yet rewarding journey for the participants. Concluding at 4:00 PM, the event provided an opportunity for students to engage in friendly competition, enhance their coding skills, and demonstrate their proficiency in competitive programming and algorithmic problem-solving.

OBJECTIVES: The primary objectives of Codertine were multifaceted. To start with, the competition aimed to challenge participants with a series of coding problems of increasing difficulty, encouraging them to push their boundaries and enhance their problem-solving abilities. In addition, Codertine sought to provide an inclusive platform for entrants of varying skill levels, fostering an environment for learning and growth. Furthermore, the event aspired to promote camaraderie among participants, by means of knowledge sharing and mutual support. Ultimately, Codertine endeavored to inspire a passion for coding and computational thinking, empowering participants to embrace challenges and strive for excellence in the field of computer science and programming. Through its dynamic format and engaging content, Codertine successfully achieved its objectives, leaving the contestants enriched with valuable experiences, newfound knowledge and a stronger zeal for coding.

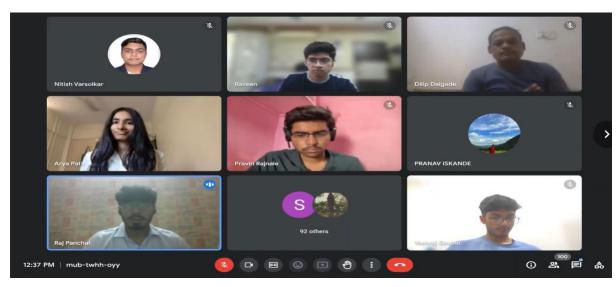




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Department of Computer Engineering 8. Hackathon-Recursion 5.0

9.

Description: Recursion 5.0 is a premier hackathon event hosted by the Computer Department of MCT's Rajiv Gandhi Institute of Technology. Recursion 5.0 stands as a platform for aspiring technologists to showcase their skills and innovations. The event spans 24 hours of intense coding and problem-solving, fostering an environment of creativity and collaboration among participants. Recursion 5.0 challenges teams of 2 or 4 members to navigate through thematic galaxies, including Blockchain, Web/App Development, and AI/ML. The event promises to be a thrilling journey into the realms of technology and innovation. With a diverse range of thematic challenges and enticing prizes, designed to ignite inspiration and empower the emerging generation of technologists.

Objectives: This event will help in:

- 1. **Fostering Innovation:** Recursion 5.0 aims to foster innovation by providing participants with a platform to explore new ideas and solutions in the fields of Blockchain, Web/App Development, and AI/ML.
- 2. **Encouraging Collaboration:** The event seeks to encourage collaboration among participants, fostering an environment where teams of 2 or 4 members work together, leveraging their diverse skills and perspectives to tackle challenges.
- 3. **Cultivating Critical Thinking:** Recursion 5.0 encourages participants to think critically and creatively, challenging them to approach problems from different angles and consider unconventional solutions.
- 4. **Addressing Real-world Challenges:** The primary goal of Recursion 5.0 is to empower teams to develop practical solutions to real-world problems, leveraging technology to address issues relevant to society.

Empowering Participants: Recursion 5.0 aims to empower participants by providing them with the necessary tools, resources, and support to translate their ideas into tangible solutions, thereby enabling them to make a positive impact on their communities and beyond

Activity Details:

Day/Date	Wednesday, 13th March 2024 and Thursday, 14th March 2024	
Time	13 th March 8 am to 14 th March 12 pm	
Venue	Auditorium, RGIT	
Mode/Platform	Offline	
Social Media Link	al Media Link https://www.instagram.com/rgitcodecell	
No. Of Participants 120		



Day 1 activity (13/03/24): Inaugration of the Recursion 5.0







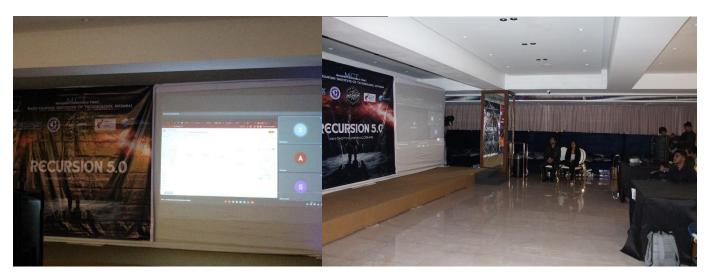
Department of Computer Engineering Registrations of the participants







Department of Computer Engineering Explaining of Problem statements by Fetch AI







Department of Computer Engineering

Mentoring Session











Department of Computer Engineering Day 2 activity (14/03/24): Coding Phase







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Department of Computer Engineering Prize Distribution



1st Prize (Seniors)





2nd Prize (Seniors)

3rd Prize (Seniors)





1st Prize (Juniors)



2nd Prize (Juniors)

3rd Prize (Juniors)