



NEW HORIZON
COLLEGE OF ENGINEERING

Department of
Computer Science and Engineering

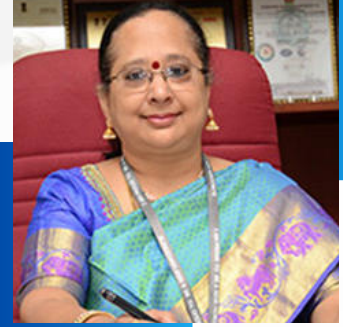
NEWSLETTER



Academic Year: 2024-2025
FEBRUARY 2025- JULY 2025
Volume 8, Issue 2

Dr. B. Rajalakshmi

HoD-CSE



It gives me immense pleasure to present the newsletter for the Academic Year 2024-2025 Volume - 8, Issue - 2 (Feb 2025 -July 2025), the nucleus of innovative thoughts and ideas.

“All students can learn and succeed, but not on the same day in the same way.”

The news letter is a platform to exhibit the student’s potential and their hidden talents, making them to think innovatively and build their ideas in a creative way. I am extremely happy to share that the department regularly organizes professional development activities for students to enhance their employability skills. I would like to express my heartfelt congratulations to all the students and faculty for putting their efforts into this newsletter. A special thanks goes to the editorial crew for all of their tremendous efforts!. This newsletter enlightens all the events about the Department of Computer Science and Engineering, including achievements, extra-curricular, co-curricular and academic success of the faculty and the students.

Dr. Asha Joseph

HoD-CSE



This newsletter truly embodies what Steve Jobs once said: 'The people who are visionary enough to think they can change the world are the ones who do.'

This newsletter serves as a showcase for students to demonstrate their abilities and untapped skills, encouraging them to foster innovative thinking and creatively develop their concepts. I'm delighted to share that the department consistently arranges professional development opportunities, aiming to boost students' job readiness. I extend my sincere congratulations to every student and faculty member who contributed to this publication. A special thank you is also due to the editorial team for their incredible hard work! This edition highlights all the happenings within the Department of Computer Science and Engineering, covering the achievements, extracurricular pursuits, co-curricular activities, and academic triumphs of both faculty and students. It's a testament to the innovative spirit and unleashed potential of our students and faculty. What a remarkable display of talent and dedication!



Dr. Manjunatha
Principal

Dear All,

As the technology is growing at a rapid rate, we wish students to empower themselves with technical skills which is required in the industry, along with showcasing their talents in extracurricular activities. It gives me great pleasure to congratulate the Department of Computer Science and Engineering on the publication of their newsletter for the academic year 2024–2025. The newsletter encapsulates information about the various academic activities, co-curricular activities and other club events conducted in the Department of Computer Science and Engineering. I am happy to note that various initiatives are taken by the faculty to disseminate knowledge by organizing training programs, workshops and expert lectures from time to time to keep abreast with the latest developments in the field of science and technology. I am sure that publishing a newsletter of this sort containing the achievements of the CSE department will be a recognition to them. I wish them all the very best for future endeavours.



Dr. R. J. Anandhi
Professor & Dean-Academics

Technology is changing the way people think and function and is crucial to address a variety of engineering and technological challenges. As a result, significant progress has been made in the field of Computer Science and Engineering by integrating knowledge based on theoretical and practical aspects. The Department of Computer Science and Engineering makes an effort to enhance this field through its research and teaching. It gives me immense pleasure that the Department of Computer Science and Engineering is releasing the newsletter for the year 2024-2025. The newsletter is a forum that brings out the best talent among the students and their multitalented skills which showcases their academic and extracurricular activities. The current newsletter Volume-8 Issue-2 provides all the stakeholders with a general overview of the department and its activities.

My sincere congratulations to the editorial board and contributors for creating such an outstanding publication. Best wishes for securing greater success and reaching new heights in the days to come.

NEWSLETTER - MARCH 2025

Event 1

Title Alumni Talk: Journey of an engineer around the world in combination with Computer Vision and its Quantized Nature

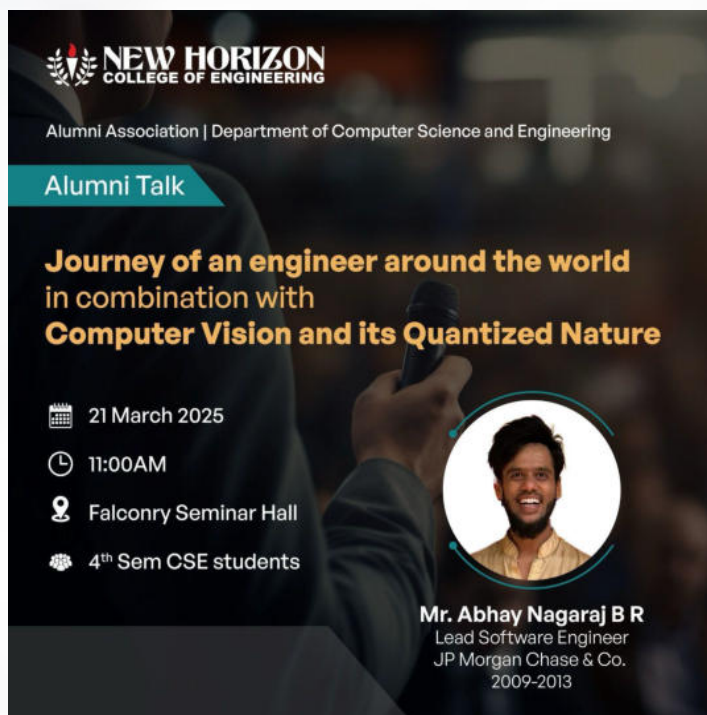
Date 21-03-2025

Time From : 11.00 AM To 01.00 PM

Beneficiary 4th SEM CSE Students

Brief Description

The Department of Computer Science and Engineering, in collaboration with the Alumni Association, organized "ALUMNI TALK" on March 21, 2025, from 11:00 AM to 12:30 PM. The guest speaker for the event was Mr. Abhay Nagaraj B R, Lead Software Engineer, J.P. Morgan. The session revolved around the theme "Computer Vision and Its Quantized Nature," highlighting its significant benefits in enhancing professional capabilities and advancing career prospects. Mr. Nagaraj shared insights into understanding the quantized nature of computer vision, its operational mechanisms, and adopting a holistic approach to engineering for improved learning speed and memory amplification. The event featured interactive discussions, with Mr. Nagaraj engaging with participants online to explore practical applications of these concepts. Over 90 fourth-semester CSE students actively participated, gaining valuable knowledge and skills. This session fostered confidence among attendees, encouraging them to embrace mentorship and continuous learning. The event proved to be enriching, leaving a lasting impact on the students and empowering them to excel in the IT industry.



NEW HORIZON
COLLEGE OF ENGINEERING

Alumni Association | Department of Computer Science and Engineering

Alumni Talk

**Journey of an engineer around the world
in combination with
Computer Vision and its Quantized Nature**

21 March 2025
11:00AM
Falconry Seminar Hall
4th Sem CSE students

Mr. Abhay Nagaraj B R
Lead Software Engineer
JP Morgan Chase & Co.
2009-2013



NEWSLETTER - MARCH 2025

Event 2

Title	Coding Contest
Date	26-03-2025
Time	From: 11:00 AM to 01:00 PM
Beneficiary	6 th SEM CSE Students
Brief Description	

The Department of Computer Science and Engineering at New Horizon College of Engineering, in collaboration with the Computer Society of India had organized a Coding Contest on 26th March 2025 from 1:00 PM to 4:00 PM at the CSE Labs.

Objectives:

- To encourage students to apply theoretical knowledge to practical coding challenges.
- To enhance problem-solving skills and logical thinking among participants.
- To prepare students for competitive programming and coding interviews.
- To promote teamwork, creativity, and innovation through coding.

Contest Process:

- Number of Questions: 3 coding problems designed to test various programming skills, contributed by industry leaders.
- Total Test Cases: 7 test cases across all questions, which participants strived to pass for a high ranking.
- Duration: 3 hours, from 1:00 PM to 4:00 PM.
- Lab Allocation: The contest was held in the CSE Labs, with systems set up for each participant.
- Programming Language: Participants were free to use any programming language of their choice, making the contest accessible to students with varied language proficiencies.
- Verification: Invigilators would verify test cases to ensure accurate scoring.
- Guidelines: Detailed guidelines have been provided to invigilators on monitoring and evaluating the participants' solutions. Guidelines were also provided to students, covering contest rules, allowed resources, and submission procedures.

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Prize Money: Prize money for the top 5 contestants were as follows:

- 1st Prize: ₹8000
- 2nd Prize: ₹7000
- 3rd Prize: ₹6000
- 4th Prize: ₹5000
- 5th Prize: ₹4000

Ranking Process:

Participants' solutions have been evaluated based on the following criteria:

- Number of Test Cases Passed: The primary criterion would be the number of test cases a solution successfully passes. Each problem would have multiple test cases, and the solution that passes the most test cases would rank higher.
- Time Complexity of the Code: For solutions with the same number of test cases passed, the code with the lower time complexity would be ranked higher, ensuring that efficient algorithms are rewarded.
- Timestamp of Completion: In cases where two or more solutions pass the same number of test cases with similar time complexity, the time of submission would act as a tiebreaker, with the earliest submission ranking higher.

List of Winners:

Topper USN Name Section Prize Money

- 1 Deepthansh M from CSE A, winning a grand prize of ₹8,000
- 2 Sriram K N from CSE E, winning a prize of ₹7,000!
- 3 Sohan R Poojary from CSE D, receiving a prize of ₹6,000!
- 4 Sudarshan R from CSE E, winning ₹5,000.
- 5 Sreyas S from CSE D, winning a cash prize of ₹4,000.



NEWSLETTER - MARCH 2025

Event 3,4,5,6,7,8

Title

Tedx Talk

Date

27-03-2025, 28-03-2025

Time

From: 10:00 AM To 03:30 PM

Beneficiary

4th & 6th SEM CSE Students

Brief Description

A series of enlightening and thought-provoking TEDx Talks were hosted, bringing together a diverse group of speakers who delved into impactful themes such as artificial intelligence, human potential, innovation, and resilience. Each talk offered unique insights, sparking meaningful conversations around the future of technology and the human experience.

Session Details

Title: How little experiments can lead to big success

Speaker: Emmanuel Acho and David Epstein | TED Membership

Date: March 27, 2025

Title: Can AI match the human brain?

Speaker: Surya Ganguli | TEDAI San Francisco

Date: March 28, 2025

Title: How AI models steal creative work-and what to do about it

Speaker: Ed Newton-Rex | TEDAI San Francisco

Date: March 28, 2025

Title: How AI is unlocking the secrets of nature and the universe

Speaker: Demis Hassabis | TED2024

Date: March 28, 2025

Title: How AI could hack democracy

Speaker: Lawrence Lessig | TEDxBerlin

Date: March 28, 2025

Title: What makes us human in the age of AI? A psychologist and a technologist answer

Speaker: Brian S.Lowery and Kylan Gibbs | TED Intersections

Date: March 28, 2025



NEWSLETTER - MARCH 2025

Event 9

Title

Workshop:
Business Model Canvas (BMC)

Date

28-03-2025

Time

From: 09:00 AM To 05:00 PM

Beneficiary

4th SEM CSE Students

Brief Description

The main objective is to give a broad idea about Business Model Canvas and idea about different template for developing new business model. The motive behind Business Model Canvas event is to start entrepreneurship, by developing a product from various ideas. Students got the idea about how to find customer needs with various examples, how to represent their product in market, how it is different from conventional product, what is the market requirement & resources available in market. It was very informative Session.






Institution's Innovation Council
Department of Computer Science and Engineering

Workshop

Business Model Canvas (BMC)

📅 28 March 2025
🕒 09:00 AM - 05:00 PM
📍 A-102



Dr. Priyameet Kaur Keer
Professor, MBA, NHCE

IIC Coordinators Dr. M. Nirmala Ms. Lincy Ranjana	Convenors Dr. B. Rajalakshmi Dr. Asha Joseph	
Dr. R.Mohan Das IIC Convener	Dr. A.Sujin Jose IIC President	Dr. Manjunatha Principal

NEWSLETTER - MARCH 2025

Event 10

Title

Workshop:
Design a Social Media App with React Native

Date

28-03-2025

Time

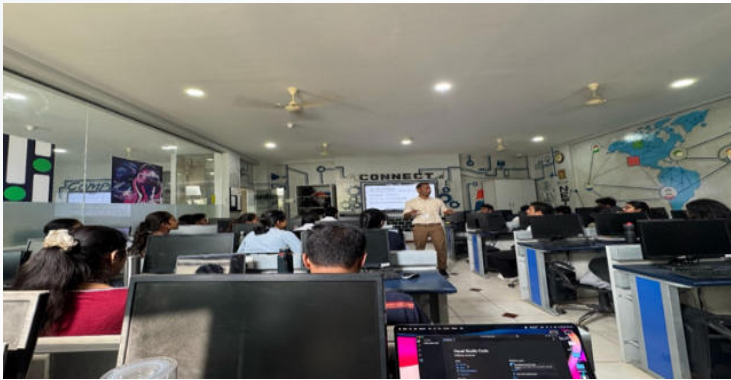
From: 09:00 AM To 05:00 PM

Beneficiary

6th SEM CSE Students

Brief Description

The Department of Computer Science and Engineering conducted a hands-on workshop on March 28, 2025, titled "Workshop on Designing a Social Media App with React Native." The session aimed to introduce students to React Native for cross-platform app development. It began with an overview of React Native's features, setup, and advantages. Participants learned component-based UI design, state management, and navigation. The hands-on session covered installation of Node.js, Expo, and Firebase integration. Students built interactive UI components and implemented real-time data fetching and authentication. A live demonstration guided them in creating a basic social media app with features like posts, likes, and comments. Industry experts shared best practices in UI/UX design and performance optimization. Students engaged in coding exercises, debugging, and Q&A sessions. The interactive format encouraged problem-solving and hands-on experimentation. The resource person provided insights into career opportunities in mobile app development. The workshop concluded with a discussion on industry trends and project ideas. Attendees appreciated the practical learning experience and expressed interest in further exploring React Native. The event successfully enhanced students' skills in modern app development.



NEWSLETTER - APRIL 2025

Event 1

Title

Expert Talk:
Introduction to Object Oriented Programming (OOPs)

Date

08-04-2025

Time

From: 10.00 AM To 11.30 AM

Beneficiary

4th SEM CSE Students

Brief Description

Department of CSE organized an Expert talk on the topic “Introduction to Object Oriented Programming” for 4th semester students on 08/04/2025 at 10.00 AM to 12.00 PM. Resource person Dr. Sivabalan N, Data Integration Specialist, NTT DATA, Bangalore addressed the session. The resource person explained Object Oriented concepts like classes, objects, inheritance and polymorphism with relevant examples. Fourth semester students were participated and got benefit from this.



NEWSLETTER - APRIL 2025

Event 2

Title Social Outreach Program on the topic “Mindfulness”

Date 12-04-2025

Time From: 11.00 AM To 04.00 PM

Beneficiary 4th and 6th SEM CSE Students

Brief Description

As part of a social outreach initiative, Ms. Yogitha and Mr. Bhaskar S.V., along with 20 students from the 4th and 6th semester of CSE, visited Nisarga Grama Shelter House to conduct a special session on the topic “Mindfulness.”

The program, designed for students from classes 1 to 6, aimed to introduce the young learners to the concept of mindfulness through a series of fun and interactive mind games. Activities such as breathing exercises, memory games, attention-building tasks, and group coordination games were carefully tailored to engage children and promote mental calmness, focus, and emotional well-being.

The session saw enthusiastic participation, with children eagerly taking part in each activity. The volunteers created a joyful and safe environment, helping the students connect with the ideas of awareness, calmness, and positive thinking in a simple and enjoyable way.

The outreach was well-received by both students and staff at the shelter, and the organizing team expressed their intention to continue such initiatives to support early mental wellness education.



NEWSLETTER - APRIL 2025

Event 3

Title

Alumni Talk :
Adapting to Corporate Culture

Date

15-04-2025

Time

From: 10.00 AM To 11.30 AM

Beneficiary

4th SEM CSE Students

Brief Description

The Department of Computer Science and Engineering, in collaboration with the Alumni Association, organized an insightful session titled "Adapting to Corporate Culture: Skills That Matter" on April 15th 2025, from 10:00 AM to 11:30 AM. The event featured Mr. Vaibhav Sharma, an alumnus and Software Engineer at NOKIA, as the guest speaker. The discussion focused on the theme "Adapting to Corporate Culture: Skills That Matter," emphasizing the essential skills required to thrive in the IT industry. Mr. Sharma shared valuable insights on acquiring and honing these skills to secure and sustain a successful career in the field. He also introduced techniques for adopting a holistic approach to Engineering, enhancing Speed in Learning, and improving Memory Retention for both academic and professional success. As part of the session, a live quiz workshop was conducted to engage students, enhance their memory, and underscore essential IT skills. The interactive nature of the event allowed attendees to actively participate in discussions with the speaker, who joined online. With over 50 4th Semester CSE students in attendance, the event successfully instilled confidence among participants and fostered a spirit of mentorship and continuous learning. The session was both enriching and beneficial, leaving a positive impact on the attendees.

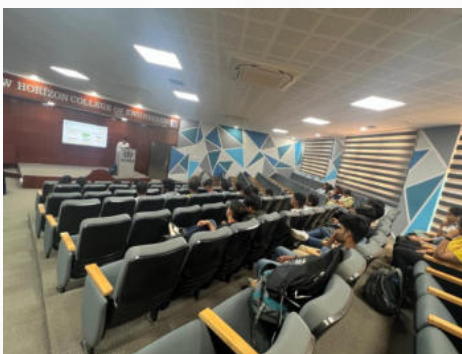


NEWSLETTER - APRIL 2025

Event 4

Title	Guest Talk: Steps to Build a Future in Generative AI
Date	15-04-2025
Time	From: 10:00 AM To 11:30 AM
Beneficiary	4 th Sem CSE Students
Brief Description	

The Department of Computer Science and Engineering in connection with the Entrepreneurship and Development Cell (EDC) successfully organized a guest talk for the students of Computer Science and Engineering, 4th Semester, featuring Mr. Deepak Chawla, the visionary founder of HiDevs, on the topic “Steps to Build a Future in Generative AI.” Mr. Chawla, who has over a decade of experience in AI and ML, shared valuable insights into his entrepreneurial journey and the future potential of Generative AI and the Evolution of Software Development. As the founder of HiDevs A company aiming to build the world’s largest Gen AI workforce he emphasized the importance of innovation, continuous learning, and community-driven growth. During the session, he also spoke about his role as a mentor and educator, having trained over 5000 individuals in AI at no cost. Students were inspired by his creation of “EchoDeepak,” his own AI clone that has answered over 10,000 queries, and his vision to democratize access to AI Education. The talk was highly engaging, offering the students practical knowledge, career guidance, and encouragement to explore AI-driven ventures. The session concluded with a one-on-one interaction of students with “EchoDeepak” that students found deeply interesting, with him motivating the students to pursue their passions in technology and entrepreneurship.



NEWSLETTER - APRIL 2025

Event 5

Title	7 th National Conference on Innovations in Intelligent Computing Technologies, Communication and Security for Sustainable Development
Date	22-04-2025
Time	From: 10:00 AM To 05:00 PM
Beneficiary	CSE, ISE, AIML, DS, MCA Students
Brief Description	

The national conference on “Innovations in Intelligent Computing Technologies, Communication and Security for Sustainable Development” was conducted on 23rd April 2025 by the Department of CSE, ISE, AIML, DS, MCA at New Horizon College of Engineering, Bengaluru.

The conference was intended to provide a common forum for discussions about the recent trends and advancements of research in the area of Computer Science and multidisciplinary domains. It served as an excellent platform for academia, researchers and technologists to discuss and present their recent advances and research outcomes.

The formal proceedings of the conference began at 10:00 AM with an invocation song followed by the lighting of the lamp. This was followed by the welcome address by Dr. B. Rajalakshmi, Professor & HOD - CSE, NHCE, an address by Dr. V. Revathi, Professor & Dean - R&D, NHCE. The Presidential address was delivered by Dr. Manjunatha, Principal, NHCE. The conference proceedings was officially released thereafter.

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The inaugural address was delivered by the Chief Guest, Mr. Prasad Chitta, Practice Lead, Tata Consultancy Services, Bengaluru. A felicitation ceremony was held for the chief guest.

Dr. Shyam, Associate Professor, Department of Electronics and Communication Engineering, NITK, Surathkal, delivered the keynote session on "Advanced Deep Learning Algorithms for Urban Change Detection from Satellite Images".

Technical papers were invited in various domains including Machine Learning and Deep Learning, Healthcare and Medical Applications, Blockchain and Security, Natural Language Processing and Speech Recognition, Augmented Reality and IoT, Quantum Computing, Advanced Algorithms and Multidisciplinary Research. A total of 130 papers were received from various institutions across these domains.

The conference received overwhelming contributions and enthusiastic support. The response from students, faculty members and research scholars were exceptional. All 130 papers were sent for single-blind review conducted by senior faculty members with domain expertise. A plagiarism check was performed using "Drillbit" software, with a maximum permissible similarity index of 10%. Acceptance mails were sent to authors of papers that passed the review and plagiarism criteria. Out of these, 90 papers were accepted with revisions. We have received 69 registrations from authors of the accepted papers and they have given presentations on the day of conference.

To recognize research excellence, Best paper awards were announced as follows:

Paper titled "An IOT enabled wearable system for real time eczema detection and prevention" by 6th semester authors of CSE department, Akash varma, Amogh D Paradi, Aryan Mishra, Aastha Sumeet Malik was awarded 1st Prize of Rs.5000

Paper titled "Advanced Smart Hat with UV Sensor integration and enhanced navigation Functionality" by 6th semester authors of CSE department, Florance G, Pranay Karthik Reddy, Balu Chandrasekar Reddy, Adarsh T Nambiar was awarded 2nd Prize of Rs.3000

Paper titled "Precision agriculture IOT framework: Integrated sensor network for comprehensive crop health assessment" by 6th semester authors of ISE department, Shruthi GR, Nisarga H N, Prarthana R was awarded 3rd Prize of Rs.2000



NEWSLETTER - APRIL 2025

Event 6

Title Workshop
UI / UX Design Tools Figma, Adobe Photoshop and Illustrator

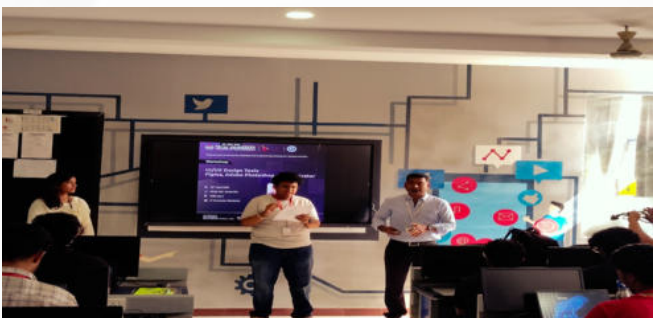
Date 25-04-2025

Time From: 10:00 AM To 05:00 PM

Beneficiary 4th SEM CSE Students

Brief Description

The Department of Computer Science and Engineering organized a hands-on workshop titled "Workshop on UI/UX Design Tools: Figma, Adobe Photoshop, and Illustrator" on April 25, 2025. The session aimed to introduce students to essential UI/UX design tools and develop practical skills. The workshop began with an inaugural address highlighting the importance of design in technology today. In the first session, students explored Figma, learning wireframing, prototyping, and collaborative design. Next, Adobe Photoshop was introduced, focusing on photo editing, asset creation, and basic graphic design. The final session on Adobe Illustrator taught students how to create vector graphics, logos, and scalable illustrations. Participants engaged in hands-on exercises throughout the sessions, designing screens, web layouts, and logos. Industry experts and faculty guided the students, providing live demonstrations and individual feedback. Students actively participated, asked questions, and demonstrated enthusiasm for learning new skills. The trainers appreciated the students' creativity and practical approach during the activities. Feedback from students indicated a high level of satisfaction and interest in advanced design workshops. The workshop successfully enhanced the students' technical proficiency and creative confidence. It also encouraged them to apply UI/UX principles in academic and personal projects. The department plans to organize more such workshops in the future to strengthen industry-oriented skills.

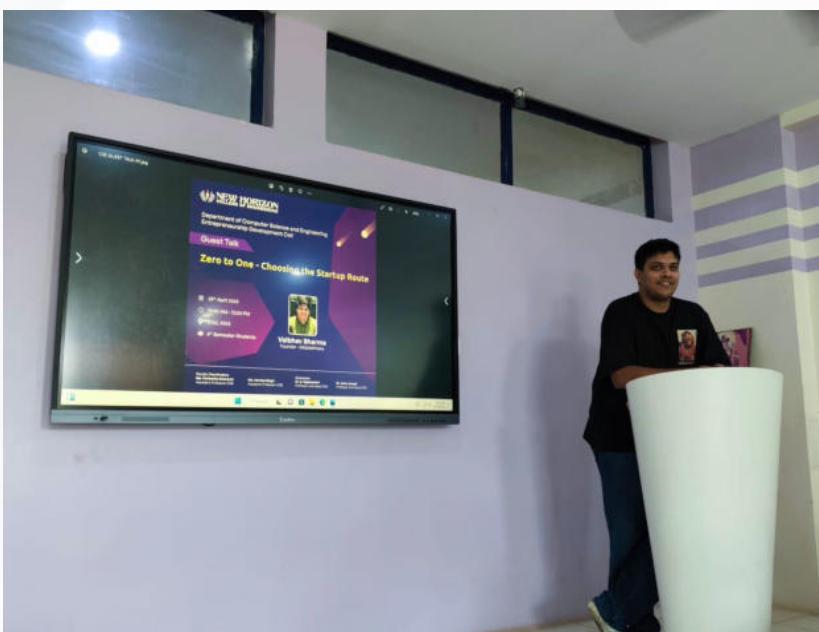


NEWSLETTER - APRIL 2025

Event 7

Title	Guest Talk: Zero to One – Choosing the Startup Route
Date	25-04-2025
Time	From : 10:00 AM To 12.00 PM
Beneficiary	6 th SEM CSE Students
Brief Description	

The Department of Computer Science and Engineering, in collaboration with the Entrepreneurship Development Cell (EDC), hosted an insightful session on April 25th, 2025, titled 'Zero to One: The Startup Route'. The talk featured distinguished entrepreneur and NHCE alumnus, Mr. Vaibhav Sharma, the founder of MiddleWher and Cope.Studio—ventures known for their innovation in blockchain and startup ecosystems. In this inspiring session, Mr. Sharma shared his entrepreneurial journey, beginning with his early motivations, the challenges he faced while starting up, and the pivotal moments that shaped his ventures. He spoke in depth about strategies for acquiring the first client, building a strong and cohesive team, and the crucial role that networking plays in a startup's success. The session was both motivational and practical, offering students a rare glimpse into the life of a serial entrepreneur who has built and exited multiple ventures, including one acquired by Polygon Technology. His stories—ranging from launching NFT collaborations with Adidas and Prada to facilitating over \$800M in fundraising—left the audience inspired and energized. The event concluded with a very interactive Q and A Session and a heartfelt vote of thanks, recognizing Mr. Sharma's contributions and encouraging students to turn ideas into impactful ventures.



NEWSLETTER - May 2025

Event 1

Title

Expert Talk:
Live Developments in Computer Networks

Date

05-05-2025

Time

From : 10:00 AM To 11.30 AM

Venue

6th SEM CSE Students

Brief Description

The Department of Computer Science & Engineering organized an Expert Talk for 4th semester students on 5th May 2025. The session aimed to provide students with a comprehensive understanding of Live Deployments in Computer Networks, highlighting the processes, challenges, and industry best practices involved. The talk bridged the gap between academic networking concepts and their real-world application in professional environments.

GUEST DETAILS: Mr Anandteerth, CloudThat, Bangalore



NEWSLETTER - May 2025

Event 2

Title	Coding Contest
Date	08-05-2025
Time	From : 09:00 AM To 12.00 PM
Venue	6 th SEM CSE Students

Brief Description

Department of Computer Science & Engineering organized a coding contest on 08-05-2025 from 9 AM to 12 PM for 2022-2026 CSE/CE students. Three hard level scenario-based coding questions were given with 10 test cases to be validated altogether. Students were asked to choose the convenient programming language to solve the problem statement. Invigilators were assigned to check the testcases, note the time complexity of the code and completion time. Accuracy, test case validation, speed of execution and time complexity were the assessment parameters to select the winners.

Winners list

Topper	USN	Name	Section	Prize Money
1	1NH22CS063	Deepthansh M	CSE - A	₹ 8000/-
2	1NH22CS217	Sriram K N	CSE - E	₹ 7000/-
3	1NH22CS211	Sohan R Poojary	CSE - D	₹ 6000/-
4	1NH22CS219	Sudarshan R	CSE - E	₹ 5000/-
5	1NH22CS215	Sreyas S	CSE - D	₹ 4000/-





NEWSLETTER - May 2025

Event 3

Title Mini Project Competition

Date 09-05-2025

Time From : 09:00 AM To : 01.00 PM

Beneficiary 4th SEM CSE Students

Brief Description

Dept of CSE, in association with Computer Society of India and Institution's Innovation Council, organized a one-day Mini Competition on 09/05/2025 for 4th semester students. The accomplishments of our 4th-semester students in the Mini Project competition under the jury of Ms. Vaishnavi S.R. Software Engineer @ G2 Risk Solutions, Bengaluru, signifies a remarkable advancement in our pursuit of excellence. With an experience exceeding 1 plus years in Java and Full Stack development, her leadership and dedication in IT has profoundly enriched our academic community. In today's digital realm, coding plays a pivotal role in efficient problem-solving, with Java's adaptability and extensive applications combining database infrastructure serving as a sturdy foundation for innovation. Out of the 44 initially shortlisted students, 25 presented their project and exhibited unwavering dedication by actively participating in the competition. We extend our heartfelt appreciation to Ms. Vaishnavi S.R for her invaluable expertise as our esteemed jury, setting the stage for ongoing success and innovation. The exceptional achievements of the winners, Nikunj Gupta, Nithin Rane, Naveen Kumar KM, Chandrashekhar, V Pruthvika and D Sneha, who secured the first, second, and third prizes respectively, not only establish a new standard but also underscore the importance of continuous innovation and commitment to excellence.



NEW HORIZON COLLEGE OF ENGINEERING | INSTITUTION'S INNOVATION COUNCIL

Department of Computer Science and Engineering
Computer Society of India - Student Chapter
Institution's Innovation Council

Mini Project Competition

Jury Members

S. J. Kenneth
Accounts Manager - Growth,
Cash free Payments,
Bengaluru

Vaishnavi S R
Software Engineer,
G2 Risk Solutions,
Bengaluru

9th May 2025
09:00 AM to 12:00 PM
Lab-6
4th Semester Students

First Prize ₹3000

Second Prize ₹2000

Third Prize ₹1000

Coordinators
Dr. Sonali Mahure
Ms. M. Thanga Subha Devi

Convener
Dr. B Rajalakshmi
Dr. Asha Joseph





NEWSLETTER - May 2025

Event 4

Title	Alumni Talk: Embedded Robotics and AI
Date	15-05-2025
Time	From : 11:00 AM To 12.00 PM
Beneficiary	6 th SEM CSE Students
Brief Description	

Department of CSE and alumni association organized "ALUMNI TALK" on 15th May 2025 from 11:00am to 12:00pm. The invited alumni speaker Event was Mr. Mohammed Adnan Khan, working Embedded engineer at 10x Construction. Alumni highlighted the significance to the topic Embedded system review working and career opportunities, which offers numerous benefits, Significantly enhance professional's capabilities and career prospects. The key topics included methods to gain knowledge on the skills that matter to get Jobs and Technique's for adopting a holistic approach to engineering to apply speed in studying and amplifying the memory to qualify in life and Industry. Alumni also demonstrated the robotic group of college and gave brief explanation of the projects. Attendees engaged in interactive discussions, with the speaker online. This event fostered a sense of confidence among attendees and encouraged ongoing mentorship and support. More than 100, 6th semester students of CSE department have attended and benefitted from this event.



NEW HORIZON
COLLEGE OF ENGINEERING

Alumni Association | Department of Computer Science and Engineering

Alumni Talk

Embedded Robotics and AI

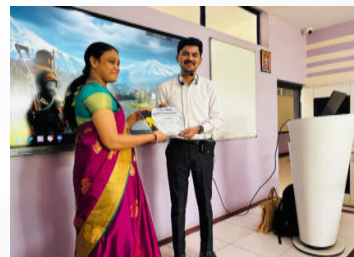


Mr. Mohammed Adnan Khan
10x Construction
Alumni Batch: 2020-2024

15th May 2025
11:00 AM - 12:00 PM
6th Semester Students
A - 101

Faculty Coordinators
Dr. C R Rathish
Professor - CSE
Ms. Deepthi Jha S
Assistant Professor - CSE

Convenors
Dr. B. Rajalakshmi
HoD - CSE
Dr. Asha Joseph
HoD - CSE



NEWSLETTER - May 2025

Event 5

Title	Guest Lecture: Cyber Security Essentials
Date	21-05-2025
Time	From : 10.00 AM To 11.30 PM
Beneficiary	6 th SEM CSE Students
Brief Description	

BRIEF DESCRIPTION OF THE EVENT

The Department of Computer Science successfully organized a guest lecture on "Cyber Security Essentials" by Mr. Naga Chinmai, a renowned expert in the field of information security. The session was attended by students of 6th semester.

Key Highlights of the Session:

Introduction to Cyber Security: Understanding the importance of cyber hygiene in today's digital world.

Types of Cyber Threats: Malware, phishing, ransomware, and insider threats were discussed with real-life examples.

Security Practices: Importance of strong passwords, multi-factor authentication, regular software updates, and secure browsing habits.

Careers in Cyber Security: The speaker shed light on the various career opportunities in this dynamic field, motivating students to explore certifications and specializations.

Interactive Q&A: Students actively participated in the interactive session, asking questions about ethical hacking, penetration testing, and the future of AI in security.

The session was highly informative and interactive, equipping students with essential knowledge about protecting themselves and their systems from potential cyber threats. Mr. Chinmai also emphasized the need for continuous learning in the ever-evolving landscape of cyber security.



NEWSLETTER - May 2025

Event 6

Title

Guest Lecture:
Real life applications of OOPs Paradigms

Date

21-05-2025

Time

From : 02:00 PM To 04:00 PM

Beneficiary

4th SEM CSE Students

Brief Description

Department of CSE organized a Guest Lecture on the topic “Real life applications of OOPs paradigms” for 4th semester students on 21/05/2025 at 2.00 PM to 4.00 PM. Resource person Mr. Arun T. A, Director, ARBA Development Studios Private Limited, Bangalore, addressed the session. The resource person explained concepts of Object Oriented Programming and real life applications of OOPs with relevant examples. Fourth semester students were attended the talk and got benefit from this.



NEWSLETTER - May 2025

Event 7

Title Guest Lecture – Data Analytics for Business Transformation

Date 22-05-2025

Time From : 10:00 AM To 12.00 PM

Beneficiary 6th SEM CSE Students

Brief Description

Department of CSE organized a "Guest Talk - Data Analytics for Business Transformation " on 22nd May 2025 from 10:00 am to 12:00 pm . The invited speaker was Ms. Abhipsha Hota, Senior Data Science Leader, Brillio .Speaker starts her lecture with Introduction to Data Analytics and its importance in the modern data-driven world, and she gave Overview of the Data Analytics Life Cycle, Data Collection, Cleaning, Exploration, Analysis, and Visualization and then she discussed on real-world case studies from sectors like finance, healthcare, retail, and marketing. Finally, students asked insightful questions about career paths and skill development in data analytics.

The session witnessed enthusiastic participation from over 50 students from all departments and faculty members. The interactive nature of the lecture encouraged active engagement and knowledge sharing.

Participants appreciated the clarity and practical approach of the lecture. Many expressed interests in pursuing certifications or projects in data analytics. The session served as a valuable platform for enhancing awareness and motivation among students regarding career opportunities in the analytics domain.

The guest lecture successfully met its objectives and added significant value to the academic enrichment of the participants. The department plans to organize more such knowledge-sharing events in the future.

NEW HORIZON COLLEGE OF ENGINEERING
Department of Computer Science & Engineering

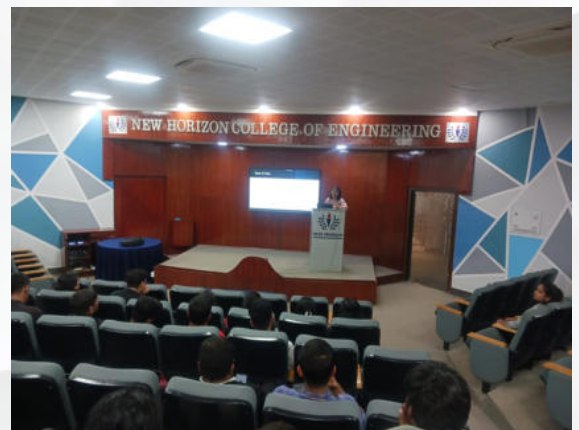
Guest Talk

Data Analytics for Business Transformation (Open Elective)

22nd May 2025
10:00 AM - 12:00 PM
Falconry Hall
6th Semester Students (All Departments)

Faculty Coordinator: Dr. J. Manojkumar, Associate Professor - CSE
Co-sponsors: Dr. B. Rajalakshmi, HOD - CSE; Dr. Asha Joseph, HOD - CSE

Ms. Abhipsha Hota
Senior Data Science Leader
Brillio



NEWSLETTER - May 2025

Event 8

Title

Guest Lecture – Workflow Automation Anywhere

Date

29-05-2025

Time

From: 11:00 AM To : 12.00 PM

Beneficiary

6th SEM Students (All Departments)

Brief Description

On 29th May 2025, the Department of Computer Science and Engineering organized a Guest Talk titled “Workflow Automation Anywhere” for the benefit of 6th semester students enrolled in the Open Elective course on Robotic Process Automation (RPA).

A total of 65 students from various departments attended the session, accompanied by 2 faculty members from the Department of CSE. The talk was delivered by Mr. Ragavan B, Software Engineer / Consultant at Kaar Technologies India Pvt Ltd, Chennai.

Session Highlights

During the session, Mr. Ragavan provided an insightful overview of workflow automation using Automation Anywhere, focusing on:

The core components and architecture of Automation Anywhere

How bots are created, deployed, and managed in enterprise environments

Use cases of RPA across industries such as healthcare, banking, and logistics

Hands-on workflows, including bot creation, task recording, and control room deployment

The importance of Bot Insight for analytics and IQ Bots for handling semi-structured data

Real-time demo of automation pipelines for repetitive and rule-based tasks

The session was interactive, with students engaging actively in discussions, and the speaker addressing queries related to career opportunities, RPA certifications, and project implementation.

Guest Talk

Workflow Automation Anywhere
(Open Elective)

29th May 2025

11:00 AM - 12:00 PM

6th Semester Students
(All Departments)

A - 104

Meeting Link



Mr. Ragavan B

Software Engineer / Consultant
Kaar Technologies India Pvt Ltd, Chennai

Faculty Coordinators

Ms. A. Senthil Anandhi

Senior Assistant Professor - CSE

Dr. G. Vijayasekaran

Associate Professor - CSE

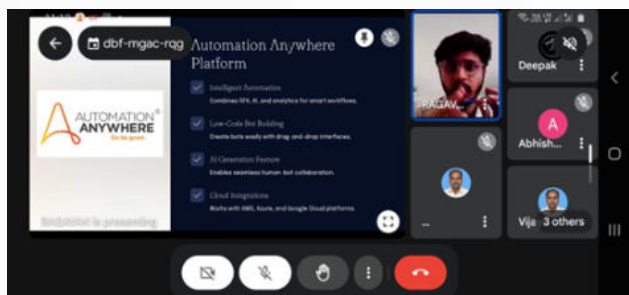
Convenors

Dr. B. Rajalakshmi

HOD - CSE

Dr. Asha Joseph

HOD - CSE





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