



 **NEW HORIZON**  
COLLEGE OF ENGINEERING



Department of  
Computer Science and Engineering  
**NEWSLETTER**

Academic Year: 2025-2026  
AUGUST 2025- JANUARY 2026  
Volume 9, Issue 1

## **Dr. B. Rajalakshmi**

HoD-CSE



It gives me immense pleasure to present the newsletter for the Academic Year 2025-2026 Volume - 9, Issue - 1 (August 2025 -January 2026), 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 2025–2026. 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 2025-2026. 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-9 Issue-1 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 - September 2025

## Event 1,2,3,4,5,6:

Title

TedX Talk

Date

04-09-2025

Time

From : 10.00 AM To 10.30 AM

Beneficiary

5<sup>th</sup> & 3<sup>rd</sup> 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 AI could generate new life-forms

Speaker: Eric Nguyen TED2025 • April 2025

Date: 4th September 2025

Title: How to turn AI prompts into movie magic

Speaker: Jason Zada | TED2025 • April 2025

Date: 4th September 2025

Title: How to spot fake AI photos

Speaker: Hany Farid TED2025• April 2025

Date: 4th September 2025

Title: The disappearing computer — and a world where you can take AI everywhere

Speaker: Imran Chaudhri TED2023• April 2023

Date: 4th September 2025

Title: 12 predictions for the future of technology

Speaker: Vinod Khosla TED2024• April 2024

Date: 4th September 2025

Title: Is technology our savior — or our slayer?

Speaker: Ruha Benjamin TEDWomen 2023• October 2023

Date: 4th September 2025



## Event 7:

Title	Expert talk on Mastering Financial management Insights in future
Date	13-09-2025
Time	From : 10.00 AM To 01.00 PM
Beneficiary	NHCE faculties
Brief Description	

The session began with a warm welcome to the guest speaker, Mr. Anshul Sharan, followed by an introduction to the theme of the talk – “Mastering Financial Management: Insights for the Future.”

Mr. Sharan emphasized that financial management is not only about saving and budgeting but also about strategically planning for long-term growth and stability. He addressed the unique financial challenges faced by working professionals, especially faculty members, and provided practical frameworks to overcome them.

Mr. Sharan elaborated on key aspects including, Financial literacy and wealth management, Investment strategies suitable for professionals, Balancing risk and return in personal finance, Long-term planning for financial independence.

The Expert Talk proved to be highly beneficial for faculty members as it, Enhanced awareness of financial planning and management, Provided practical insights into handling finances alongside professional commitments, Encouraged faculties to adopt systematic approaches for wealth creation and security.

The session was designed to help faculty members gain clarity on financial decision-making and adopt better practices for financial security.

The talk concluded with the key message that financial empowerment is essential for professional stability, personal well-being, and long-term peace of mind.



## Event 8-11:

Title

Silver Spectrum Techfest 2025  
- National Level Technical Symposium (Day 1)

Date

17-09-2025

Time

From : 10.00 AM To 01.00 PM

Beneficiary

National level event- All students

Brief Description

Hosted by the Departments of Computer Science and Engineering.

The Techfest featured four major events: the Ideathon, Gameathon, Coding contest, Web designing contest, held on September 17th 2025, at New Horizon College of Engineering. The symposium on Day 1 event brought together 188 participants to brainstorm and present innovative solutions to real-world challenges. The event fostered creativity, teamwork, and entrepreneurial thinking while encouraging students to apply design thinking and technical skills.

The Ideathon brought together 48 teams (96 participants) to brainstorm and present innovative solutions to real-world challenges. The event fostered creativity, teamwork, and entrepreneurial thinking while encouraging students to apply design thinking and technical skills.

Participants showcased originality, problem-solving abilities, and effective communication. Feasible and impactful ideas were identified for potential development. The Tech Talk Competition received enthusiastic participation and positive feedback from students, faculty, and guests. The sessions were praised for their content quality, organization, and relevance.

### Web Design Contest

The Department of Computer Science and Engineering organized a Web Design Contest on 18th September 2025 as part of the Silver Spectrum Techfest 2025, marking the Silver Jubilee celebration of New Horizon College of Engineering (NHCE). The contest was conducted in CSE Lab 2 from 01:00 PM to 04:30 PM and witnessed participation from 40+ students across various colleges nationwide.

The theme of the contest was "Community Website Development", where participants were encouraged to design creative, functional, and user-friendly websites that could serve as platforms for interaction, collaboration, and information sharing within a community. The event provided a stage for budding developers and designers to demonstrate their technical skills, creativity, and design thinking while building websites that foster digital inclusivity and engagement.

The Gameathon 2025 commenced with a well-organized and engaging program coordinated by both students and faculty members. The hosts, Chaitra and Charvi, set an enthusiastic tone and ensured that the sessions remained lively and on time. The event highlighted the importance of digitally preserving and promoting Indian traditional games, encouraging participants to blend cultural heritage with cutting-edge technology. Registrations, stage arrangements, and technical setups were smoothly managed by student coordinators A. Neeraja and B. Jhansi, under the guidance of Faculty Coordinator Ms. Bhavya R.

The Coding Contest 2025 opened with a well-structured and engaging program coordinated by both students and faculty of New Horizon College of Engineering. The hosts for the day, Rajitha and Srilakshmi, kept the participants motivated and ensured that the sessions progressed smoothly and on time. The event began with a short introduction highlighting the contest's objectives—testing problem-solving, coding proficiency, and creativity—setting an energetic and competitive tone for the day.

The seamless management of registrations, lab arrangements, and technical setups was made possible by the dedicated efforts of the student coordinators – Bipin, Akshay, Rajitha, and Srilakshmi. Overseeing the entire contest was Dr. Santosh Kumar B, Faculty Coordinator, who guided the team and ensured that the event met the professional standards of a national-level coding competition.

Participants showcased originality, problem-solving abilities, and effective communication in all above 4 events. Feasible and impactful ideas were identified for potential development

Overall, the Techfest on Day 1 successfully inspired young innovators and served as a vibrant platform for collaboration, learning, and growth.



## Event 12-15:

Title	Silver Spectrum Techfest 2025 - National Level Technical Symposium (Day 2)
Date	18-09-2025
Time	From : 10.00 AM To 01.00 PM
Beneficiary	National level event
Brief Description	

Hosted by the Departments of Computer Science and Engineering.

The Techfest featured four major events: The Tech Summit, Tech Talk, Tech Quiz and Group discussion, held on September 18th 2025, at New Horizon College of Engineering. The symposium on Day 2 event brought together 197 participants to brainstorm and present innovative solutions to real-world challenges. The event fostered creativity, teamwork, and entrepreneurial thinking while encouraging students to apply design thinking and technical skills.

### Tech Summit:

On 18 September 2025, New Horizon College of Engineering (NHCE) celebrated its Silver Jubilee year with the Silver Spectrum Techfest 2025 by hosting a national-level Tech Summit. The event was held in the Idea Lab from 10:00 AM to 1:00 PM and brought together teams from various institutions to showcase innovative solutions addressing Sustainable Development Goals (SDGs). There were a total of 40 plus participants from various colleges nationwide. The Tech Summit acted as a collaborative space where participants explored ideas to improve quality education, healthcare, city infrastructure, and industry innovation.

### Tech Talk:

The Tech Talk Competition received enthusiastic participation and positive feedback from students, faculty, and guests. The sessions were praised for their content quality, organization, and relevance. Participants showcased originality, problem-solving abilities, and effective communication. Feasible and impactful ideas were identified for potential development.

### Tech Quiz:

The Tech Quiz Competition was inaugurated with a formal program coordinated by students of NHCE. The host of the day, Athulya and Harshanth welcomed all participants and guided the event smoothly through multiple rounds. The program began with invocation which set the tone for the day. A dedicated team of Student coordinator and Faculty coordinator Dr. Sowmya H and Ms. Shiv shankari S S provided continuous guidance throughout the planning and execution of the

event. For evaluation an expert panel of Quiz masters and judges was appointed. The internal jury comprised of Dr. Sanjeev kaulgud While external jury included Ms. Shubhashree p who ensured a fair Judgement. The sessions were praised for their content quality, organization, and relevance. Participants showcased originality, problem-solving abilities, and effective communication. The event concluded successfully.

### Group Discussion:

The Group Discussion Held from 10.00 a.m. to 1:30 p.m. in Classroom No. 006, the event saw 58 students forming 38 teams from institutions across India. Discussions centered on themes like Technology & Innovation, Society & Technology, Future Trends & Ethics, Digital Privacy vs National Security, and Green Technology. Participants showcased critical thinking, communication, and teamwork through structured debates and evaluation rounds. The top two teams were awarded ₹10,000 and ₹5,000 respectively, while all participants received e-certificates. The event concluded with an award ceremony and vote of thanks, marking a successful end to the Techfest.

Participants showcased originality, problem-solving abilities, and effective communication in all above 4 events. Feasible and impactful ideas were identified for potential development

Overall, the Techfest on Day 2 successfully completed with the valedictory ceremony followed by prize distribution. It inspired young innovators and served as a vibrant platform for collaboration, learning, and growth.



## Event 16:

Title

Report on “Workshop on Empowering Future Innovators: Hands-on with Azure Cloud and AI Fundamentals”

Date

23-09-2025

Time

From : 10.00 AM To 04.00 PM

Beneficiary

5th Sem & 3rd SEM CSE and AIML Students

Brief Description

As part of the Silver Jubilee Year Celebrations, the Departments of Computer Science and Engineering organized a full-day hands-on workshop titled “Empowering Future Innovators: Hands-on with Azure Cloud and AI Fundamentals” on 23rd September 2025.

The session was led by Dr. Siva Balan N, Data Integration Specialist at NTT DATA, who shared his expertise in cloud computing and artificial intelligence. The workshop aimed to equip students with foundational knowledge and practical skills in Microsoft Azure and AI technologies.

The event began with an introduction to Azure Cloud services, including virtual machines, storage solutions, and deployment models. Participants explored AI fundamentals such as machine learning workflows, cognitive services, and ethical considerations in AI development. Through guided exercises, students created Azure accounts and deployed sample applications, gaining hands-on experience in cloud-based AI integration.

Dr. Siva Balan emphasized real-world applications of cloud and AI in industries such as healthcare, finance, and smart cities. He also discussed career paths in cloud architecture, AI engineering, and data science, inspiring students to pursue innovation-driven roles.

The interactive format encouraged students to ask questions, collaborate on mini tasks, and explore project ideas. The workshop concluded with a Q&A session and a group photo to commemorate the event.



## Event 17:

Title

From Predictions to Explanations: Dive into Explainable AI-A Hands-on Workshop to Unravel the Black Box

Date

23-09-2025

Time

From : 11.00 AM To 01.00 PM

Beneficiary

5th SEM & 3rd Sem CSE& AIML Students

Brief Description

The Department of Computer Science & Engineering, New Horizon College of Engineering, organized a Dive into Explainable AI-A Hands-on Workshop to Unravel the Black Box for 5th Semester students on 23rd September 2025 from 09:30 AM to 04:30 PM. The invocation took place at the Falconry Seminar Hall and later the workshop was conducted at IBM lab 2. A total of 72 participants attended the workshop. The session gave a strong understanding of Black Box Nature of AI of to all the participants. The workshop offered participants a deeper appreciation of the scope and impact of Unravel the Black Box. By encouraging curiosity and open discussion, it created a space for shared learning. In essence, the event not only expanded technical insight but also inspired participants to pursue clarity, fairness, and accountability in AI.



## Event 18:

Title

Workshop on Demystifying Blockchain:  
Practical Skills for the Decentralized Era of Technology

Date

24-09-2025

Time

From : 10.00 AM To 04.00 PM

Beneficiary

5th SEM & 3rd Sem AIML& CSE Students

Brief Description

The Department of Computer Science and Engineering conducted a hands-on workshop on September 24, 2025, titled "Workshop on Demystifying Blockchain: Practical Skills for the Decentralized Era of Technology." The session aimed to introduce students to blockchain technology and its real-world applications. It began with an overview of blockchain fundamentals, key features like decentralization, transparency, and immutability, along with its advantages over traditional systems. Participants learned about distributed ledger technology, consensus mechanisms, and smart contracts. The hands-on session included the creation of AWS accounts, where students explored how cloud platforms can support blockchain solutions. The resource person guided participants in creating and linking tables in Excel to demonstrate how structured data can be integrated with blockchain concepts, emphasizing the importance of data organization and connectivity.

A live demonstration illustrated practical workflows, showing how blockchain can interact with real-world data management tools. Industry expert shared best practices in blockchain adoption, security considerations, and

enterprise-level use cases. The interactive format encouraged students to clarify doubts, exchange ideas, and understand blockchain's role in reshaping industries. The resource person also provided insights into career opportunities in blockchain and cloud-based technologies. The workshop concluded with a discussion on industry trends and potential project ideas. Attendees appreciated the practical learning approach and expressed interest in exploring blockchain further.



## Event 19:

Title

Workshop on Empowering Future Innovators:  
Building Intelligent Agents with Generative AI

Date

24-09-2025

Time

From : 10.00 AM To 04.00 PM

Beneficiary

4th SEM CSE Students

Brief Description

The Department of Computer Science & Engineering, New Horizon College of Engineering, organized a Workshop on Empowering Future Innovators: Building Intelligent Agents with Generative AI for 5th Semester students on 24th September 2025 from 09:30 AM to 04:30 PM.

The invocation took place at the Falconry Seminar Hall and later the workshop was conducted at IBM lab 1. A total of 72 participants attended the workshop. The session gave a strong understanding of Generative AI to all the participants.



## Event 20:

Title

Report on “Forecasting the Future: Applications of Predictive Analytics”

Date

25-09-2025

Time

From : 11.00 AM To 01.00 PM

Beneficiary

5th SEM CSE Students

Brief Description

A Guest talk on the Applications of Data Analytics was organized for the 5th semester students of Computer Science and Engineering. The resource person for the session was Mr. Yateesh G. N. from Genpact, who brought in valuable industry insights and practical perspectives on how data analytics is being applied across various domains to drive decision-making and business growth.

During the session, Mr. Yateesh explained how data analytics has become a core component in solving business problems, enhancing efficiency, and enabling organizations to make informed decisions. He shared real-world examples from his professional experience at Genpact, helping students connect theoretical knowledge with industry practices. His explanations highlighted how businesses use analytics to understand customer behavior, predict trends, and improve overall operations.

In addition to technical knowledge, Mr. Yateesh also addressed the students on how to prepare for interviews. He emphasized the importance of developing problem-solving abilities, building strong communication skills, and gaining hands-on exposure to tools and technologies used in the analytics field. He guided the students on how to present themselves with confidence and clarity during interviews, and shared tips on crafting resumes that stand out to recruiters.

The session was highly interactive, with students engaging in discussions and raising questions related to both career opportunities and academic applications of data analytics. Overall, it provided the students with not only an academic perspective but also career-oriented guidance, making it a very enriching experience.



## Event 21:

Title

Report on “Industrial Visit to NAL - CSIR IVth Paradigm”

Date

26-09-2025

Time

From : 11.00 AM To 04.00 PM

Beneficiary

5th SEM CSE Students

Brief Description

A one-day industrial visit was organized for the 5th semester CSE students of New Horizon College of Engineering to NAL – CSIR 4th Paradigm Institute, Bangalore. The visit aimed to provide students with practical exposure to advanced research activities in computational sciences and data-driven technologies.

During the visit, the students were given an overview of the institute’s research focus, which includes high-performance computing, big data analytics, artificial intelligence, and modelling techniques applied to real-world problems. The resource team from NAL explained how these technologies are used to solve critical challenges in aerospace, climate modelling, and industrial simulations.

A demo session was also conducted for the students, where they witnessed the functioning of high-end computational systems and ongoing projects in data science and machine learning. The demonstrations helped them bridge the gap between classroom knowledge and real-world research applications.

Faculty members accompanying the students noted that the visit greatly enhanced the students’ understanding of cutting-edge technologies and provided them with insights into research-oriented career opportunities. Overall, the visit was highly enriching, motivating students to think innovatively and pursue research in emerging domains.



# NEWSLETTER - October 2025

## Event 1:

Title

Industrial Visit to Akshay Patra Foundation  
-Block Chain, IOT and Sustainability

Date

10-10-2025

Time

From : 10.00 AM To 02.30 PM

Beneficiary

3rd SEM CSE Students

Brief Description

As part of our industrial exposure program, we visited The Akshaya Patra Foundation, one of the world's largest not-for-profit organizations implementing the Mid-Day Meal Scheme in partnership with the Government of India. The visit to their centralized kitchen facility on Kanakapura Road (Kitchen #13) provided an invaluable opportunity to understand how cutting-edge technology drives operational excellence, transparency, and sustainability in large-scale food production and distribution operations.



## Event 2:

**Title** Social Outreach Program on the topic “Living with Technology”

**Date** 11-10-2025

**Time** From : 02.00 PM To 04.30 PM

**Beneficiary** 5th Sem CSE Students

### Brief Description

A Social Outreach Program titled “Living with Technology”, organized by the Department of Computer Science and Engineering in association with the Computer Society of India – Student Chapter at New Horizon College of Engineering. The program highlights the importance of understanding and effectively utilizing technology in daily life while promoting awareness about responsible and productive technology usage.

The outreach program was conducted on 11th October 2025 at Makkala Dhama, Bettakote, Devanahalli, Bangalore, for 5th semester students. As part of this initiative, 20 students along with 2 faculty members visited the location and actively participated in the program. During the visit, they conducted various interactive activities and awareness sessions to demonstrate how technology can be used in education, communication, and daily activities.

The activities focused on explaining the benefits of digital tools, safe and responsible use of technology, and the role of technological advancements in improving quality of life. These sessions helped participants gain practical knowledge and encouraged them to adapt to modern technological developments. The program was effectively guided by the coordinators Ms. Yogitha and Mr. Bhaskar S V, ensuring smooth organization and meaningful engagement.

Overall, the outreach program successfully emphasized the importance of living with technology in a balanced and responsible manner. It helped students enhance their technical awareness, develop social responsibility, and promote knowledge sharing within the community





### Event 3:

Title

Silver Spectrum Techfest 2025  
- A National Level 48-Hour Hackathon

Date

28-10-2025 to 30-10-2025

Time

From : 10.00 AM To 12.00 PM

Beneficiary

National level event  
- Open to all Engineering colleges across Nation

Brief Description

The Silver Spectrum TechFest 48-Hour Hackathon, organized by the Departments of CSE at NHCE from 28th to 30th October 2025, served as a national platform to foster creativity, innovation, and collaboration among students.

Participants worked continuously for 48 hours to design and develop solutions addressing real-world challenges in AI, ML, DL, Generative AI, Cybersecurity, IoT, and Web 3.0. The hackathon tested technical skills while promoting teamwork, time management, and entrepreneurial thinking.

Industry leaders from TCS, Visionet, Conneqtion, and SecuredApp provided 29 problem statements across five major domains.

The event commenced with an inspiring keynote by Chief Guest Mr. Pradeep Rao of Kyndryl, who delivered insights on Quantum Awareness and Q-Day.

Teams were evaluated across three levels—problem understanding, innovation progress, and final prototype presentation.

Mentors and industry evaluators guided students throughout, ensuring fairness and professional exposure.

The valedictory ceremony, graced by Mr. Ranjith Thirukonda of TCS, celebrated the creativity and problem-solving abilities of the participants.

Dr. Sanjeev Kaulgud presented a comprehensive report on participation, evaluation, and outcomes. Winners from each domain received Rs. 25,000, trophies, and certificates.

SecuredApp offered internships to NHCE students, while Conneqtion Group expressed interest in future opportunities.

The hackathon strengthened NHCE's mission to bridge academia and industry through innovation.

It showcased the resilience, determination, and technical excellence of young engineers.

Overall, the event symbolized not just competition but the beginning of new opportunities for collaboration and technological growth.

# Snapshots of the 48-Hour Hackathon



**Inaugural Ceremony**



**Address by chief guest**



**Participants working on Day-1**



**Participants working on Day-1**



Participants presentation on Day-1    Participants working on Day-2



Participants presentation on Day-2    Final Presentation on Day-2



Trophy and certificates for winners



Winning teams of all 5 domains

## Event 4:

Title Alumni Talk on Future of Data Jobs

Date 31-10-2025

Time From : 10.00 AM To 11.00 AM

Beneficiary 5th SEM CSE Students

### Brief Description

The Department of Computer Science and Engineering, in association with the Alumni Association, organized an Alumni Talk on 31st October 2025, from 10:00 a.m. to 11:00 a.m. The invited alumni speaker for the event was Mr. Ganesh Raj M, Senior Analyst (Risk Consulting) at EY, Bangalore.

Mr. Ganesh Raj emphasized the growing significance of the topic “The Future of Data Jobs,” highlighting the vast opportunities it presents for enhancing professionals’ skills and career prospects. His talk focused on emerging trends and methodologies in data-driven technologies, including advanced analytics, artificial intelligence, and machine learning. He also discussed holistic approaches to data engineering—emphasizing speed, adaptability, and continuous learning—as essential strategies for success in today’s rapidly evolving digital landscape.

The session included interactive discussions, where students engaged with the speaker to gain deeper insights into industry expectations and future opportunities.

The event fostered confidence among participants, inspiring them to pursue continuous learning and seek mentorship for professional growth. More than 80 students from the 5th semester, Department of CSE, attended and greatly benefited from the session.



## Event 5:

Title

Workshop On Quantitative Analytics Tools:  
Orange, Tableau And Power Bi

Date

31-10-2025

Time

From : 10.00 AM To 04.00 PM

Beneficiary

5th SEM CSE Students

Brief Description

The Department of Computer Science and Engineering conducted a hand – on workshop on 31.10.2025, titled on Quantitative analytics tools: Orange, Tableau and power BI. The resource Person Was Mr. Bharani Karan-Director Research from Synaara Consulting Pvt Ltd . The objective of the workshop was to provide students with practical exposure to modern data analytics and business platforms used in industry. The session aimed to data analytics, data processing, and visualization concepts. Participants were hen trained to work with orange, focusing on data processing workflow design, machine learning model creation and performance evaluation. Real world datasets were used to demonstrate classification and visualization workflows. The final session covered Microsoft Power BI, where participants performed data cleaning using power query, created data models and built interactive dashboards for business intelligence reporting. Hands – on practice, doubt -clearing, and live demonstration helped participants gain confidence in applying data analytics tools to real time scenarios. The workshop strengthened their analytical thinking, visualization skills, and preparedness for career in data science, business analytics and data driven decision making. The resources person provides insight career opportunities in business intelligence and data analytics. The event successfully enhanced students skills in data science, business analytics and data driven decision-Making.



# NEWSLETTER - November 2025

## Event 1:

Title

Expert talk on: Insights of Data Analytics with R Programming Concepts and Tools

Date

05-11-2025

Time

From : 11.00 AM To 01.00 PM

Beneficiary

7th SEM CSE Students

Brief Description

The session began with a warm welcome to the guest speaker, Dr. Shiju George, followed by an introduction to the theme of the talk – “Data Analytics with R Programming”. Dr. Shiju George emphasized the importance of R in Data Analytics. He added that R is useful for statistics. Dr. Shiju George elaborated on both basic and advanced key aspects of R programming. The session was designed to help students to gain the knowledge on real-time application of Data Analytics by doing some hands-on practice. Dr. Shiju George made groups of 4 students and assigned scenario-based tasks to students to accomplish the tasks. Students completed the tasks in laboratory. Dr. Shiju George concluded the talk by giving some research statements for the students and faculties to explore.



## Event 2:

Title

Social Outreach Program on the topic  
“Importance of Communication”

Date

08-11-2025

Time

From : 02.30 PM To 04.30 PM

Beneficiary

3rd SEM CSE Students

Brief Description

A Social Outreach Program organized by the Department of Computer Science and Engineering in association with the Computer Society of India Student Chapter at New Horizon College of Engineering. The event focuses on highlighting the importance of communication, which is an essential life skill for students in both academic and professional environments. The program was conducted for 3rd semester students to enhance their confidence, interpersonal skills, and ability to convey ideas effectively.

As part of the outreach initiative, 27 students along with 3 faculty members visited JeevanDeep Makkala Kendra, Bengaluru, on 8th November 2025. During the visit, they conducted various interactive activities designed to express and demonstrate the importance of communication. These activities included group discussions, interactive games, and awareness sessions that helped participants understand how communication plays a vital role in building relationships, teamwork, and problem-solving.

The involvement of faculty members ensured proper guidance and structured execution of the program. The outreach activity not only strengthened students' communication skills but also encouraged social responsibility and community engagement. Overall, the program successfully conveyed the message that effective communication is fundamental for personal development, academic success, and professional growth.



### Event 3:

Title

Alumni Talk on How AI is shaping the future in Semi-Conductor System

Date

18-11-2025

Time

From : 11.00 AM To 12.00 PM

Beneficiary

5th SEM CSE Students

Brief Description

Department of CSE and Alumni Association organized "ALUMNI TALK" on 18th November 2025 from 11:00am to 12:00 pm. The invited alumni speaker Event was Mr. Nitin Ravichander working as Senior Engineer, Sandisk. Alumni highlighted the significance of How AI is shaping the future in Semi-Conductor System: AI is revolutionizing the semiconductor world by making chip design faster, manufacturing smarter, and hardware more specialized. It reduces cost, improves performance and enables new technologies like autonomous cars, smart devices and powerful AI systems.

Attendees engaged in interactive discussions, and word hunt at the end of the session with the speaker offline.

This event fostered a sense of confidence among attendees and encouraged ongoing mentorship and support.

More than 50, 5th semester students of CSE department have attended and benefitted from this event.



## Event 4:

Title	Alumni Talk on Cloud and DevOps projects for practical Learning
Date	19-11-2025
Time	From : 03.00 PM To 05.00 PM
Beneficiary	5th SEM CSE Students
Brief Description	

The Department of CSE, in collaboration with the Alumni Association, organised an "Alumni Talk" on 19th November 2025 from 3:00 pm to 5:00 pm. The invited speaker was Mr. Mekala Harsha Vardhan Sai, Associate DevOps Engineer at Unisys. During the session, he emphasised the importance of Cloud and DevOps projects in providing practical, hands-on learning experiences. He explained how such projects enabled students to understand the process of building, deploying, automating, and maintaining real- world applications on cloud platforms using DevOps practices.

Examples included deploying websites on cloud storage, creating CI/CD pipelines with GitHub and Jenkins, containerising applications with Docker, deploying scalable services on virtual machines or Kubernetes, and implementing system monitoring.

These activities, he noted, effectively bridge the gap between theoretical computer science concepts and industry requirements, making them ideal for labs, mini-projects, final-year projects, and preparation for careers such as Cloud Engineer, DevOps Engineer, or Site Reliability Engineer.



## Event 5:

Title

"Future Ready: Preparing for a world of opportunities through Higher Education"

Date

20-11-2025

Time

From : 11.00 AM To 01.00 PM

Beneficiary

3rd SEM CSE Students

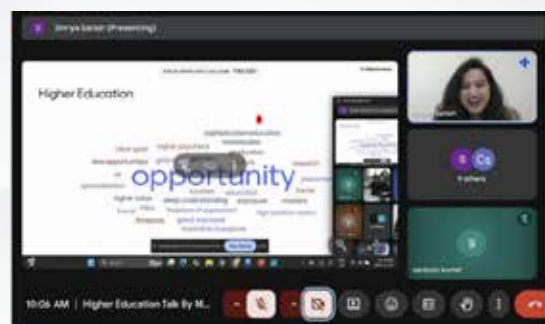
Brief Description

The Department of Computer Science and Engineering organized an Guest Talk on "Higher Education Opportunities" for 3rd Semester CSE students on 20th November 2025, from 10.00 AM to 11.00 AM. The resource person for the session was Ms. Shriya Satish, Advanced Embedded Software and Cyber Security Engineer, Honeywell, Canada. Ms. Shriya Satish shared valuable insights on various aspects of pursuing higher education abroad, particularly in Canada.

The key topics covered during the session included:

- Higher education opportunities in Canada
- Choices of courses and universities
- Part-time job opportunities for students
- Importance of internships in career development

A total of 44 students participated in the session and greatly benefited from the expert's guidance and experiences. The talk provided the students with a clear understanding of global education prospects and motivated them to explore international academic pathways.



## Event 6:

Title	A GUEST TALK on “The Cloud Code-Universal Fundamentals and The Enterprise Security Model”
Date	21-11-2025
Time	From : 10.30 AM To 12.30 PM
Beneficiary	3rd SEM CSE Students
Brief Description	

A Guest Talk on “The Cloud Code-Universal Fundamentals and The Enterprise Security Model” was organized for the students as part of the department’s academic development initiatives. The purpose of the session was to provide a clear understanding of the foundational concepts of cloud computing and to emphasize the significance of security in cloud-based systems.

The resource person delivered a detailed explanation of essential cloud computing concepts, including various service models such as Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS), as well as deployment models like Public, Private, Hybrid, and Community Clouds. The session highlighted the operational advantages of cloud adoption, including cost efficiency, scalability, flexibility, and reliability.

A major focus of the talk was on cloud security. The speaker addressed the common security challenges faced in cloud environments such as data breaches, unauthorized access, vulnerable APIs, and configuration errors. Advanced security practices—such as encryption, Identity and Access Management (IAM), Multi-Factor Authentication (MFA), firewalls, and continuous monitoring—were discussed with relevant real-world examples.

### Key Takeaways for Students

- Clear understanding of fundamental cloud concepts and architecture.
- Knowledge of cloud service models (IaaS, PaaS, SaaS) and how they are applied in industry.
- Awareness of deployment models and their suitability for different organizational needs.
- Insight into major cloud security challenges and vulnerabilities.
- Exposure to essential security practices such as encryption, IAM, MFA, and monitoring tools.
- Understanding of the growing importance of cloud security professionals in the IT sector.
- Encouragement to explore career opportunities in cloud computing and cybersecurity.



## Event 7:

Title Workshop on Advanced CSS and jQuery

Date 25-11-2025

Time From : 09.30 AM To 04.30 PM

Beneficiary 3rd SEM CSE Students

### Brief Description

The Department of Computer Science and Engineering organized a one-day workshop on “Advanced CSS and jQuery” on 25/11/2025, held from 9:30 AM to 4:30 PM, with the aim of strengthening participants’ skills in modern front-end web development. The workshop introduced advanced styling techniques in CSS, focusing on writing clean, modular, and scalable stylesheets. jQuery was also emphasized for its ability to simplify tasks such as DOM manipulation, event handling, animations, and seamless AJAX interactions.

Through interactive, hands-on sessions, participants gained practical experience in building responsive page layouts, dynamic user interfaces, and reusable design elements, ensuring improved performance and cross-browser compatibility. The workshop also highlighted efficient debugging methods, performance optimization practices, and collaborative development approaches to enhance workflow.

The session was delivered by Mr. Arun Mahalingam, Technical Project Manager at TCS, who guided participants throughout the practical exercises. Around 80 participants actively took part and benefited from the workshop, gaining valuable insights and improved confidence in applying advanced front-end development techniques to real-world projects.



## Event 8:

**Title** "Computer Society of India (CSI) Student Chapter Inauguration"

**Date** 26-11-2025

**Time** From : 11.00 AM To 12.00 PM

**Beneficiary** 3rd SEM CSE Students

### Brief Description

The Departments of Computer Science & Engineering, Artificial Intelligence & Machine Learning, Data Science, and MCA of New Horizon College of Engineering jointly organized the Computer Society of India (CSI) Student Chapter Inauguration for the academic year 2025–2026. The event commenced promptly at 11:00 AM with Vande Mataram, followed by the College Song and Invocation, setting a graceful and formal tone.

The ceremonial lighting of the lamp was performed in the presence of dignitaries, faculty members, and student representatives, marking the auspicious start of the chapter activities.

### Highlights of the Event

#### 1. Introduction of Office Bearers for Academic Year 2025–2026

The newly elected CSI Student Chapter Office Bearers for the year 2025–2026 were formally introduced. Their responsibilities and roles were highlighted, followed by an official group photograph, symbolizing the beginning of their tenure.

#### 2. Principal's Address: AI/ML Threats to Jobs & Ways to Overcome

The Principal delivered an insightful address focusing on the growing concerns regarding AI and Machine Learning replacing traditional jobs.

He emphasized:

- The need for continuous upskilling and adaptability
- Encouraging students to shift from routine tasks to creative and high-cognitive roles
- Leveraging AI as a tool for enhancement, not as a replacement
- Building strong foundations in problem-solving, ethics, and innovation

His message encouraged students to stay future-ready and proactive in a rapidly evolving digital world.

#### 3. Inaugural Address: Speaker's Four Directions for CSI Events

The Chief Guest, Mr. Muralidhar Narasimhamurthy, Engineering Leader, Arista Networks, delivered an inspiring inaugural address.

He outlined four key directions for CSI events in the upcoming academic year:

1. Innovation-Driven Projects – Encouraging students to build impactful, real-world solutions.
2. Community & Collaboration – Fostering teamwork through hackathons, workshops, and peer learning.
3. Industry Integration – Organizing technical talks and sessions with professionals to bridge academia and industry.
4. Skill Development – Focusing on hands-on training, certifications, and new-age technology exposure. His vision set a clear and motivational roadmap for all CSI activities.

#### 4. President's Address by Jiya Ashish Maliye (CSE)

The CSI President, Jiya Ashish Maliye from CSE, delivered a warm and enthusiastic welcome address.

She spoke about:

- The purpose and legacy of CSI
- The importance of student participation
- The chapter's goal to create a vibrant tech-oriented environment on campus
- Upcoming initiatives aimed at nurturing leadership and technical excellence

Her words energized the students and set a positive tone for the chapter's future endeavors.

#### 5. Vote of Thanks by Sunku Joshika (AIML)

The event concluded with a sincere Vote of Thanks delivered by Sunku Joshika from AIML.

She expressed gratitude to:

- The Chief Guest
- Principal and academic leadership
- Faculty coordinators and convenors
- Student volunteers
- All attendees

She extended heartfelt appreciation to everyone who contributed to making the inauguration a grand success.



## Event 9:

Title 5th Semester Mini Project Competition

Date 28-11-2025

Time From : 10.00 AM To 01.00 PM

Beneficiary 5th SEM CSE Students

### Brief Description

The Department of Computer Science and Engineering, in collaboration with the Computer Society of India (CSI) and the Institution's Innovation Council (IIC), successfully organized a one-day Mini Project Competition on 28 November 2025 for 5th-semester students. The outstanding performance of our students in this event, evaluated by an expert jury comprising Mr. Kuwar Saurya Keshav, Lead – Technical Manager at UrbanPiper Technology Pvt. Ltd., and Mr. Rakshith M. P., Associate QAE at DE Shaw India Pvt. Ltd., reflects a significant step forward in our commitment to fostering excellence. Both jury members brought over five years of rich experience in enterprise and IT architecture, along with notable contributions to social initiatives, adding immense value to the competition. In the modern digital landscape, coding continues to be essential for effective problem-solving, with Python's flexibility and strong database support offering a solid platform for innovation.

Among the 48 shortlisted students, 39 presented their mini projects and showcased exceptional enthusiasm and dedication. We express our sincere gratitude to Mr. Kuwar Saurya Keshav and Mr. Rakshith M. P. for their expert guidance and support as esteemed jury members, which greatly enhanced the learning experience for participants.

The commendable achievements of the winners—

1st Prize: Suhani Pandita & Shreya Deshpande

2nd Prize: Kamutala Abhinav & Jeeth Sarkar

3rd Prize: KV Sai Kalyan & Darshil Sisodiya set a new benchmark for future competitions and highlight the value of continual innovation, dedication, and academic excellence.



## Event 10:

Title A Expert Talk on Cloud Migrations and Management

Date 28-11-2025

Time From : 11.00 AM To 01.00 PM

Beneficiary 5th SEM CSE Students

### Brief Description

A session on Cloud Computing and Artificial Intelligence was conducted for the students of the Department of Computer Science and Engineering by Mr. Anandteerth. He began by introducing the fundamentals of cloud computing, explaining service models, deployment models, scalability, and the role of cloud platforms in modern development. He also shared examples from AWS, Azure, and Google Cloud to illustrate practical industry usage.

Mr. Anandteerth then moved on to Artificial Intelligence, providing an overview of machine learning, neural networks, and real-time applications across domains such as healthcare, finance, and autonomous systems. He also discussed how AI and cloud technologies work together, enabling scalable model training and deployment.

The session was highly interactive, with students asking questions related to careers, certifications, and project opportunities. Overall, it was an informative and engaging session that broadened students' understanding of Cloud Computing and AI and encouraged them to explore these technologies in greater depth.





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