

Summary of Milestones and Opportunities for First-Year B.Sc. (CS with AI) Students

Smart India Hackathon (SIH) 2024 – First-Year B.Sc (CS with AI)

A total of 6 dynamic teams from our B.Sc (CS with AI) stream participated in Smart India Hackathon 2024, each aligning with national innovation themes. Here's a quick overview of the team count and their focus areas:

- 3 teams worked under the theme **Student Innovation**, creating tools for learning enhancement, academic tracking, and peer collaboration.
- 1 team addressed the theme **Narcotics Control**, building AI tools for digital surveillance and crime prevention.
- 1 team focused on **Women Safety Analytics**, developing real-time safety and alert systems.
- 1 team explored **Smart Automation**, offering solutions for smarter living and campus efficiency.



LinkedIn Learning Certification Report – Achievement Highlights

Our students have collectively earned 10,343 certifications on LinkedIn Learning, showcasing an exceptional commitment to upskilling. This impressive total reflects:

- Extensive Course Completion across a wide range of industry-relevant topics.
- Strong Participation in continuous learning tied to emerging technologies and professional growth.
- Ongoing Skill Development across all proficiency levels, reinforcing career readiness.

These collective achievements highlight our students' proactive mindset and preparedness to meet future industry demands.

Performance Summary: HackerRank Problem-Solving in FOP using Python

As part of the **Fundamentals of Programming (FOP)** course, a total of **360 Python-based problem-solving statements** were assigned to students on the **HackerRank** platform. These

problems were designed to reinforce key programming concepts such as variables, data types, control structures, loops, functions, and basic algorithmic thinking.

The objective was to provide hands-on coding experience, strengthen logical reasoning, and enhance students' problem-solving abilities through structured practice.

Upon reviewing the student submissions and activity logs, the following outcomes were observed:

- **Total Problems Assigned:** 360
- **Average Problems Completed per Student:** 330
- **Completion Rate:** Approximately **91.6%**

This high average completion rate reflects strong student engagement and consistent practice throughout the course. It also suggests that the majority of students are actively applying the concepts learned in class and building a solid foundation in Python programming.

Furthermore, this data can be used to:

- Identify top-performing students for further opportunities or recognition.
- Provide targeted support to those who may have fallen behind.
- Fine-tune the difficulty level and distribution of future assignments based on observed patterns.

This initiative successfully aligns academic learning with industry-recognized platforms like HackerRank, helping students build competitive programming skills early in their academic journey.

Microsoft AI Tour 2024 – Student Achievement Highlights

Our students proudly represented our institution at the Microsoft AI Tour 2024 in Bangalore, thanks to the FACE Prep Campus initiative. This elite opportunity included:

- VIP access to Microsoft's global headquarters.
- An exclusive interaction with Satya Nadella, discussing Artificial Intelligence, emerging technologies, and the future of computing.
- A memorable group photograph with the Microsoft CEO – a powerful symbol of their rising presence in the tech world.

Certification Excellence

Through the Microsoft Applied Skills program, our students earned over **575 certifications** in total, reflecting hands-on learning in AI, cloud, and modern development tools.

Top Achievers Include:

- **15 Certifications:** Maneesha C A
- **14 Certifications:** Harini R, Rickshitha A

- **13 Certifications:** Subhashini K, Anika M B, Deepa M, Kanmani J, Midhuna S, Tharini P
- **12 Certifications:** Kiruthiga R, Dharshini N, Sherin Mary, Harshini S, Subbulakshmi S

These achievements mark a major milestone in their professional journey, demonstrating leadership, skill, and a readiness to contribute to the evolving AI ecosystem.



The English Placement Test – Test Your Language (27/11/2024) for 54 students

| Level | Student Count |
|---------|---------------|
| C1 | 6 |
| B1 | 7 |
| A2.1 | 6 |
| A1.2 | 3 |
| A1.1 | 32 |
| Starter | 1 |

Out of 54 students, 13 have reached intermediate to advanced English proficiency, showing strong potential for academic and professional communication. The remaining 41 students will benefit from focused training in vocabulary, grammar, and conversational fluency to progress confidently.

Infosys Achievement Summary

A total of **918 tasks or accomplishments** have been recorded under the **Infosys Total** category, reflecting students’ engagement and consistent efforts.

| Category | Count |
|-----------------------|-------|
| Total Count | 918 |
| Students Count | 54 |

These numbers showcase a strong commitment to excellence and significant involvement in Infosys-related learning or challenges

TCS Achievement Summary

A total of **258 TCS certifications** have been successfully completed by our students, demonstrating their commitment to continuous learning and industry readiness. These certifications reflect their dedication towards gaining essential technical and professional skills aligned with current IT trends and employability standards.

Monthly Gains from EF SET Certification for Our Students

Every month, our students benefit significantly from participating in the EF SET certification:

- **Accurate English Proficiency Assessment:** Students receive a reliable CEFR-aligned score that clearly defines their English language level, helping them understand their strengths and areas to improve.
- **Boosted Confidence:** Knowing their exact proficiency gives students more confidence to use English in academic, personal, and professional settings.
- **Targeted Learning Focus:** Detailed feedback guides students to focus on specific skills such as reading comprehension or listening, making their learning more effective.
- **Improved Academic and Career Opportunities:** Holding a recognized EF SET certification enhances students' resumes and supports applications for jobs, internships, and further studies.
- **Enhanced Test Skills:** Regular experience with timed, standardized testing helps students develop better time management and test-taking strategies.
- **Free and Easy Access:** Students continue to enjoy the convenience of a free, online, and globally recognized English certification accessible anytime, anywhere.

Event Achievement Summary: LinkedIn Certification Awareness (30/8/2024)

- Successfully created awareness on obtaining certifications through free premium LinkedIn Learning courses.
- First-year AI students demonstrated a fully functional NO CODE app integrating their subject knowledge.
- Enhanced leadership, teamwork, and organizational skills among student organizers.

- Provided a platform for first-year students to showcase talent and improve public speaking skills.
- Encouraged active student participation in future certification and skill-development programs.
- Event attended by all first-year students and department HODs, conducted smoothly and safely.



Event Report: Seminar on

“Cybersecurity Frontiers: Unlocked Career Opportunities in the Digital Age”

We are pleased to report the successful conduct of the seminar titled **“Cybersecurity Frontiers: Unlocked Career Opportunities in the Digital Age”** held on January 10 at Seminar Hall 2.

The session featured expert insights on the evolving role of Artificial Intelligence in cybersecurity and the critical skills necessary for building a career in this dynamic field. The seminar was well-received by both students and faculty, providing valuable knowledge and motivation for those interested in cybersecurity careers.

Attendees gained a deeper understanding of emerging cybersecurity trends, AI applications, and practical career pathways. The event fostered engagement and inspired students to explore opportunities in the digital security domain.

Overall, the seminar achieved its objectives of enlightening participants and encouraging proactive career planning in cybersecurity.

Event Report: Guest Addressed on Exploring Future Career Horizons in the Global Market” and Magazine Inauguration

We are pleased to report the successful completion of two important events with our esteemed guest.

Zoom Meeting with FACE PREP Students:

Students gained valuable career guidance, improved motivation, and insights into essential soft skills such as communication and leadership. The interactive session boosted engagement and clarity on future opportunities.

Magazine Inauguration and Campus Address:

The inauguration of *Quantum Muse* inspired students to develop creativity and academic excellence. The guest's encouraging words enhanced student confidence and fostered a strong sense of community.

the seminar “**Exploring Future Career Horizons in the Global Market**” featuring two distinguished speakers:

- **Mr. Nirmal Raj**, HR Data Specialist, Netherlands
- **Ms. Yamuna Kaboorappan**, Technical Recruitment Expert, Netherlands

The seminar provided valuable insights into global career opportunities, recruitment trends, and essential skills for the evolving job market. Students and faculty actively participated, gaining a better understanding of international career prospects and preparation strategies.

The event received positive feedback for its relevance and the practical guidance shared by the speakers. Displaying the event details on the college digital boards helped achieve strong attendance and engagement.

Overall, the seminar contributed significantly to career awareness and motivation among our students.



Event Summary Report: I-Techno 2K25

The technical event “I-Techno 2K25” was successfully conducted on 21st February 2025, with enthusiastic participation from students across departments. The event was designed to foster team spirit, technical exposure, and creativity among students.

Key Event Highlights:

- **Code-A-Thon** – A rapid coding challenge that enhanced programming and logical thinking skills.
- **Hackverse** – A mini-hackathon that promoted innovation and collaborative problem-solving.
- **Tech Riddles** – Tested participants’ technical knowledge through brain-teasing challenges.
- **Tech-Battle** – A debate-style tech competition that honed critical thinking and articulation.

- Word Edifice – Encouraged vocabulary building and language precision with a tech twist.
- Pictionary – Combined fun and concept recall through visual representation of tech terms.
- Neural Nexus – An AI-focused quiz to test understanding of neural networks and emerging tech.
- Adzap – A marketing creativity event where students pitched imaginary tech products.

Performance Summary: Frontend Web Development – Task Completion & Project Submission

As part of the **Frontend Web Development** training module, students were provided with a comprehensive and hands-on learning experience designed to build core web development skills. The curriculum was structured around five key technologies: **HTML**, **CSS**, **Bootstrap**, **JavaScript**, and **AngularJS**.

Task Allocation and Completion

A total of **120 structured tasks** were assigned to students, covering various concepts and components across the technologies mentioned above:

- **HTML:** Structuring web content, forms, tables, semantic tags, etc.
- **CSS:** Styling, responsive layouts, animations, media queries.
- **Bootstrap:** Grid system, components, utility classes, responsive design.
- **JavaScript:** DOM manipulation, events, functions, arrays, loops, conditional logic.
- **AngularJS:** Single-page application structure, components, data binding, routing.

These tasks progressively built students' skills from basic to intermediate levels. The engagement level was notably high, and students actively completed **all assigned tasks** within the given timelines.

Major Project Development and GitHub Integration

Following the successful completion of the practical tasks, students were guided to conceptualize, design, and develop a **major individual project** integrating all the technologies learned. The focus areas included:

- Real-world problem-solving or portfolio-building project ideas
- Use of responsive design and interactive components
- Code modularity and version control practices

Upon completion, students were instructed to:

- Host and document their code repositories on **GitHub**
- Write a structured **README file** explaining the project functionality and technology stack
- Present their projects for review or assessment

This final submission not only consolidated their technical skills but also introduced them to industry practices such as **version control**, **code documentation**, and **portfolio building**—essential for internships, placements, and future development roles.

Overall Outcome

- **Tasks Assigned:** 120
- **Tasks Completed:** 100% participation and completion
- **Major Projects Submitted:** All students completed and uploaded their projects to GitHub
- **Skills Developed:** UI development, responsive design, interactive scripting, Git/GitHub usage, project deployment fundamentals

The module has been highly effective in equipping students with practical frontend development experience, fostering both individual accountability and project ownership.

Event Impact & Outcomes:

- Encouraged team collaboration and peer learning
- Boosted public speaking and presentation abilities
- Provided a platform to exhibit creativity and innovation
- Enhanced technical confidence among first-year students
- Strengthened event management, planning, and coordination skills

The event was well-received by attendees and faculty. The active involvement of student coordinators and volunteers ensured smooth execution. Overall, I–Techno 2K25 achieved its objectives of merging fun with learning and promoting a vibrant technical culture.

Student Achievements and Participation Report

Technical Events

Adhi Engineering College – Technical Symposium

- S. Harshini – *2nd Prize – Code Clash*
- NK Janhavi – *1st Prize – Debugging*
- R. Harini
- A. Rickshitha
- P. Varsha
- S. Keerthana
- MB Anika



Sairam Engineering College – Technical Fest

- Harini R (11) – 1st Prize – Code Clash
- Kamalika – 1st Prize
- A. Rickshitha – 3rd Prize – Code Clash
- Fathima Hafeesha P – 3rd Prize – Code Clash
- P. Varsha
- Abinaya S
- Swathi SM
- Yashika
- Subhashini
- S. Keerthana
- Sai Niharika



Don Bosco College – Tech Fest

- Anika MB – *1st Prize – Debugging*
- Harini R (11) – *2nd Prize – Reverse Coding*
- Harini R (12)
- Fathima Hafeesha P
- NK Janhavi
- Subbulakshmi
- Dharshini
- Harshini
- Subhashini
- Varsha
- Yashika



Sports – CM Trophy

- Madhangi B – *3rd Place*
- Shalini P – *3rd Place*



Tamil Speech Competitions

Ma Gandhi Trust – Speech Topic:

சுற்றுச்சூழலைப்பாதுகாப்பதில்மாணவர்களின்பங்களிப்பு

- Harini R (12) – 2nd Prize



SRM Campus – On-the-Spot Tamil Speech Competition

- Harini R (12) – Participation

