Report on InnovateLite 2025- Mini Project Exhibition & Demo

1. Introduction

The Mini Project Exhibition & Demonstration – 2025 was organized by the Department of Computer Science & Engineering, ATME College of Engineering, Mysuru, with the objective of providing a structured platform for V Semester students to showcase their mini project work. The event aimed to bridge the gap between theoretical learning and practical implementation by encouraging students to conceptualize, design, implement, and demonstrate working models or software prototypes.

Mini projects form a crucial component of the undergraduate engineering curriculum, as they help students apply classroom knowledge to solve real-world problems. This exhibition-cum-demonstration event was planned to foster innovation, teamwork, problem-solving ability, and effective communication skills among students.

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2. Objectives of the Event

The primary objectives of the Mini Project Exhibition & Demonstration were:

- To encourage hands-on learning and application of core computer science concepts
- To enhance analytical and problem-solving skills among V semester students
- To promote innovation, creativity, and technical confidence
- To provide exposure to project development lifecycle, documentation, and presentation
- To prepare students for major projects, internships, and industry-oriented work
- To assess students based on technical depth, implementation, and presentation skills

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3. Event Details

- Event Name: InnovateLite 2025- Mini Project Exhibition & Demo
- Organized By: Department of Computer Science & Engineering
- Venue: ATME College of Engineering, Mysuru

- Participants: V Semester CSE Students
- Date: 09.12.2025
- Mode: Offline
- Evaluation: Internal assessment by faculty reviewers

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4. Target Audience

The event was specifically designed for V Semester undergraduate students of the Computer Science & Engineering department. At this stage of their academic journey, students have gained foundational knowledge in programming, data structures, databases, operating systems, and software engineering. The mini project exhibition enabled them to integrate this knowledge into meaningful applications.

Faculty members from the department also participated as evaluators, mentors, and observers, providing valuable feedback and guidance to the students.

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5. Planning and Organization

The Mini Project Exhibition & Demonstration was planned systematically under the guidance of the Head of the Department and the Mini Project Coordinator. The planning phase included:

- Formation of student project batches
- Allocation of faculty guides to each batch
- Identification and approval of project titles
- Periodic reviews and progress monitoring
- Final scheduling of exhibition and demonstration sessions

Clear guidelines were communicated to students regarding project scope, documentation, demo requirements, and evaluation criteria.

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6. Project Domains and Themes

The student projects covered a wide range of domains reflecting current trends in Computer Science and Information Technology. Some of the major domains included:

- Web Application Development
- Mobile Application Development
- Machine Learning and Data Analytics
- Artificial Intelligence-based Applications
- Internet of Things (IoT)
- Database Management Systems
- Automation and Utility-Based Software
- Socially Relevant Applications

Students were encouraged to select problem statements that addressed real-world challenges and societal needs.

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7. Event Execution

On the day of the event, student teams displayed their projects at designated locations. Each team was provided an opportunity to:

1. Explain the problem statement and objectives
2. Demonstrate the working of the project
3. Describe the technologies, tools, and methodologies used
4. Discuss results, limitations, and future enhancements

Faculty reviewers interacted with students, asked technical questions, and evaluated the projects based on predefined rubrics.

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8. Evaluation Criteria

The projects were evaluated based on the following criteria:

- Problem identification and relevance
- Innovation and originality
- Technical implementation
- Use of appropriate tools and technologies
- Project demonstration and functionality
- Documentation quality
- Teamwork and communication skills

Constructive feedback was provided to help students improve their work and prepare for future academic and professional projects.

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9. Learning Outcomes

The Mini Project Exhibition & Demonstration resulted in several positive learning outcomes:

- Improved understanding of software development lifecycle
- Enhanced coding and debugging skills
- Better exposure to team-based project execution
- Increased confidence in technical presentations
- Early preparation for major project and research activities

Students gained practical experience that complemented their theoretical coursework.

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10. Student Participation and Response

The response from students was highly encouraging. All V semester students actively participated and demonstrated strong enthusiasm throughout the event. Students appreciated the opportunity to showcase their work and receive feedback from faculty members.

Many students expressed that the exhibition helped them identify areas for improvement and motivated them to explore advanced technologies.

11. Role of Faculty Members

Faculty members played a crucial role in the success of the event by:

- Guiding students throughout project development
- Conducting timely reviews
- Evaluating projects objectively
- Providing academic and technical suggestions

Their involvement ensured that students adhered to academic standards and best practices.

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12. Outcomes and Impact

The Mini Project Exhibition & Demonstration had a positive academic impact by:

- Strengthening project-based learning culture
- Encouraging innovation and self-learning
- Improving readiness for industry and higher studies
- Enhancing departmental academic activities

The event also contributed to documentation requirements for NAAC, NBA, and institutional records.

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13. Challenges and Observations

Some challenges observed during the event included:

- Time constraints for demonstration
- Variations in project complexity among teams
- Need for deeper focus on documentation quality

These observations will be addressed in future editions of the event through better planning and guidelines.

14. Conclusion

The Mini Project Exhibition & Demonstration – 2025 was successfully conducted and achieved its intended objectives. It provided V semester students with an excellent platform to apply theoretical knowledge, demonstrate technical competence, and develop professional skills.

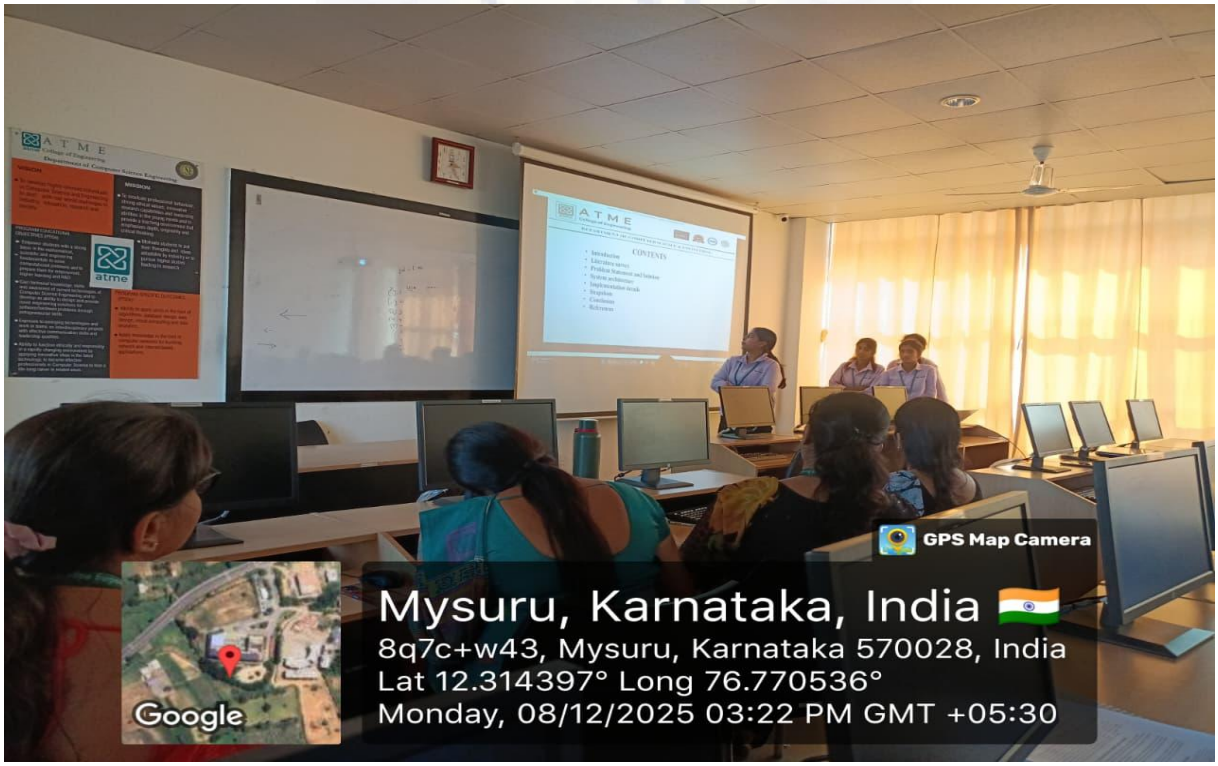
The event reinforced the importance of experiential learning and will continue to be an integral academic activity of the Department of Computer Science & Engineering, ATME College of Engineering, Mysuru.

15. Acknowledgement

The department sincerely acknowledges the support and cooperation of the management, Principal, Head of the Department, faculty members, project coordinators, and all participating students for the successful organization of the event.

Glimpse of the Event:


GPS Map Camera
Mysuru,Karnataka,India
Mysuru, Mysuru, Karnataka 571101, India
Lat 12.314482, Long 76.770460
Tuesday, 09/12/2025 02:59 PM GMT+05:30
Note : Captured by GPS Map Camera


GPS Map Camera
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8q7c+w43, Mysuru, Karnataka 570028, India
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GPS Map Camera
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