11/7/2026

AI NEXUS Project Expo

Course: Machine Learning and Data Analytics Using Python (25MCA201)

As part of the Skill Development Activity for the course Machine Learning and Data Analytics Using Python (25MCA201), students were encouraged to develop real-life projects by applying machine learning and artificial intelligence techniques. The activity aimed to provide hands-on experience in identifying real-world problems, designing AI-based solutions, and presenting working prototypes. It is organized in association with ME-RIISE Foundation.

The activity commenced on **15 June 2026** with an introductory session conducted by **Mr. Darshan H. D., Software Developer, ME-RIISE Foundation**. The session covered the fundamentals of AI tools, Gemini CLI installation and usage, Visual Studio Code (VS Code) for software development, and a demonstration of website development. Students were then formed into teams of five members and were instructed to identify and propose real-world problem statements for their projects.

The second session was held on **20 June 2026**, during which the project problem statements submitted by the student teams were reviewed. The proposed solutions were evaluated for feasibility, additional features were suggested, and guidance was provided to help students develop impactful AI-based projects. The review was conducted in the presence of **Mr. Vasanth Kumar N. T., Department of Master of Computer Applications**, and **Mr. Darshan H. D., Software Developer, ME-RIISE Foundation**.

A midterm project evaluation was conducted on **6 July 2026** by **Dr. Sunitha P., Associate Professor, Department of Computer Science and Engineering**, and **Dr. Yashas Gowda T G, Assistant Professor, Department of Mechanical Engineering**. The evaluators reviewed the progress of each team and provided valuable feedback to improve the quality and functionality of the projects.

The activity concluded with the **AI NEXUS Project Expo** on **10 July 2026**, organized in coordination with the ME-RIISE Foundation. All nine student teams successfully exhibited their AI-based projects before the evaluators and visitors. **Mr.Vinod A M Assistant Professor, Department of Computer Science and Engineering and Dr Sushma N, Associate Professor, Department of Electronics** are the jury for the AI Nexus. The project titled **"Seva-AI"** was adjudged the **Best Project** and secured the **First Prize** for its innovative approach and practical application.

Outcomes

- Students gained practical experience in applying machine learning techniques to real-world applications.
- Students became proficient in using AI development tools such as Gemini CLI and Visual Studio Code.
- Teamwork, communication, and project management skills were strengthened.
- Students enhanced their problem analysis, model development, and presentation abilities.
- The activity promoted innovation, creativity, and industry-oriented learning.

Conclusion

The Skill Development Activity successfully bridged the gap between theoretical concepts and practical implementation of machine learning. Through continuous mentoring, periodic evaluations, and the final AI NEXUS Project Expo, students demonstrated their ability to develop innovative AI-based solutions to real-world problems. The activity significantly enhanced their technical competencies, collaborative skills, and confidence, thereby contributing to the overall objectives of outcome-based education and industry readiness.


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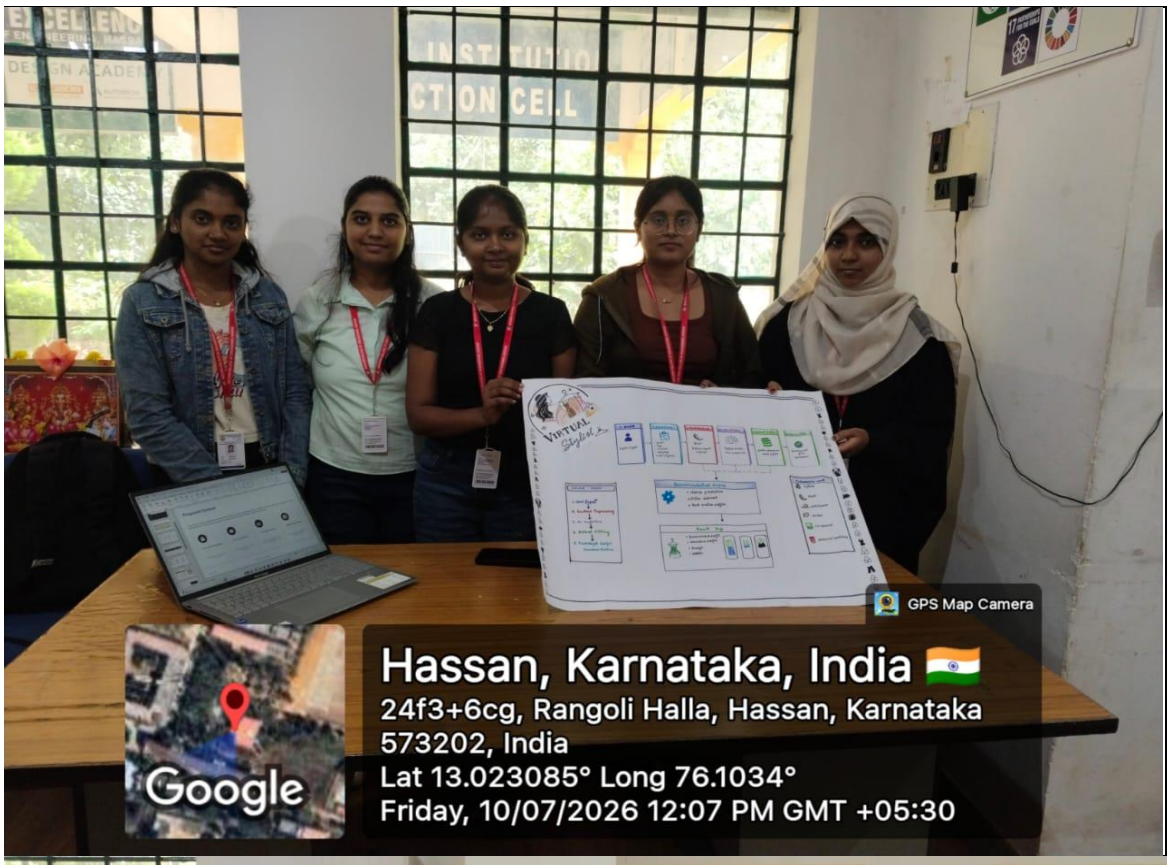
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