



Department of Artificial Intelligence and Data Science
Research & Development Cell (R&DC) and Institution Innovation Council Activity Report

Name of the event:	DEPARTMENT LEVEL INTERNAL HACKATHON 2026					
Date:	01,02,03 Sept 2026.					
Under the Initiative:	Department Level Internal Hackathon - Research & Development Cell (R&DC) and Institution Innovation Council Activity					
Team Details:	Registered: 32	Participating: 27	Software Teams :31	Hardware Teams :01	Shortlisted: 13	Waitlisted: 2
Names and designations of Jury Members	Name: Prof. Y. R. Tayade Designation:Assistant Prof Name: Dr. V. S. Karwande Designation:Associate Prof		Name: Prof. M. A. Khan Designation:Assistant Prof Name: Prof. N. M. Sapate Designation:Assistant Prof		Name: Prof.C.V. Bhusare Designation:Assistant Prof Name: Prof. S.N. Panchbhai Designation:Assistant Prof	
Target Audience:	SIH participated students from AI&DS from Second Year, Third Year and B.Tech Final Year.					
Registration Link:	https://forms.gle/S4BUMnKWbnJiiW8E7					
Venue / Platform / Mode:	B-402 Offline					
Dept. Coordinator:	Dr. A.S.Gavali					
Objective:	● To encourage innovation and creative problem-solving among students. ● To develop technical, teamwork, and presentation skills. ● To provide solutions to real-world problems using emerging technologies. ● To identify and nominate promising teams for SIH 2026.					
Overview	● The competition provides students with an opportunity to work in teams, understand practical problem statements, brainstorm innovative ideas, and develop prototypes or software-based solutions. ● The internal hackathon serves as a preparatory platform for the Smart India Hackathon, enabling students to improve their technical knowledge, teamwork, presentation skills, and problem-solving abilities. Faculty members and mentors guide participating teams throughout the ideation and development process.					

Participation	Total 32 Teams participated in the competition with various problem statements from SIH portal, out of which 31 statements were software based and 1 was hardware based.
Key Outcomes:	• Enhanced problem-solving skills: Students learn to analyze real-world problems and develop practical, technology-based solutions. • Improved teamwork: The competition strengthens collaboration, communication, leadership, and team-management skills. • Prototype development: Students get experience in converting concepts and ideas into functional prototypes or software solutions. • Interdisciplinary learning: Students integrate knowledge from electronics, communication, programming, data science, and other engineering domains. • Socially relevant solutions: Teams are motivated to address challenges faced by society, government organizations, industries, and communities. • Improved presentation skills: Students learn to effectively communicate their ideas, technical approaches, outcomes, and innovations to judges and mentors
Key observations, recommendations	Key Observations • Many teams effectively utilized AI/ML, Data Science, IoT, software tools, and other emerging technologies in their proposed solutions. • Critical thinking, problem understanding, and originality are essential for developing solutions that stand out from existing or AI-generated approaches. • Students should be encouraged to collect real-world, current data and address actual problems rather than relying only on ready-made, outdated datasets and predefined solutions. • Greater emphasis is required on practical implementation, prototyping, experimentation, and real-world validation of proposed solutions. Key Recommendations • Conduct additional sessions and workshops on emerging technologies and areas not sufficiently covered in the curriculum, such as Remote Sensing, GIS, and Generative AI etc. • Organize hands-on technical sessions on relevant tools, platforms, APIs, and prototyping technologies to strengthen practical skills. • Encourage multidisciplinary teams and provide continuous mentoring for problem analysis, implementation, and prototype development. • Maintain a repository of previous problem statements, project ideas, prototypes, resources, and best practices to support future participants. ○
Conclusion:	The AI&DS Department Internal Smart India Hackathon Competition successfully provided students with a platform to apply their technical knowledge, creativity, and problem-solving skills to real-world challenges. The event encouraged innovation, teamwork, interdisciplinary collaboration, and hands-on learning while exposing students to emerging technologies and practical solution development.

Photo:



Event Geotag - Photographs of AI&DS Dept Internal Hackathon held on 01/02/03-Sept-2026.

Enclosure:

1. Copy of Official Event Circular

Aswath
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