

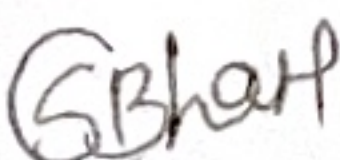


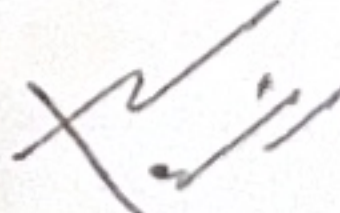
Approved by AICTE New Delhi, DTE (Govt. of Maharashtra) and affiliated to Dr. BATU, Lonere (Raigad). DTE Code: 2533

Department of Mechanical Engineering
Research & Development Cell (R&DC) and Institution Innovation Council Activity Report

Name of the event:	DEPARTMENT LEVEL INTERNAL HACKATHON 2026					
Date:	03/09/2026					
Under the Initiative:	Department Level Internal Hackathon - Research & Development Cell (R&DC) and Institution Innovation Council Activity					
Team Details:	Registered : 05	Participating: 05	Software Teams :	Hardware Teams :	Shortlisted :	Waitlisted:
Names and designations of Jury Members	Name: Dr A.B Khansole Designation: Asst Professor		Name: Prof V.G.Kokre Designation: Asst Professor		Name: Prof S.B Lahane Designation: AsstProfessor	
Target Audience:	All Mechanical Engineering Department students					
Registration Link:	https://forms.gle/S4BUMnKWbnJiiW8E7					
Venue / Platform / Mode:	Mechanical Engineering Department CAD LAB B 104					
Dept. Coordinator:	Prof. S B.Lahane Dept. Mechanical Engineering					
Objective:	1. To promote innovation, creativity, and problem-solving skills among students. 2. To provide a platform for students to develop innovative solutions to real-world engineering problems. 3. To encourage research-oriented thinking, entrepreneurship, and prototype development. 4. To identify and support promising student ideas, projects, and innovative technologies. 5. To encourage multidisciplinary teamwork and collaborative learning.					
Overview	The Department Level Internal Hackathon is organized as a collaborative innovation activity under the Research & Development Cell (R&DC) and Institution's Innovation Council (IIC) to encourage students to identify real-world problems and develop innovative, technology-based solutions. The event provides a platform for students to present their ideas, work in multidisciplinary teams, develop prototypes, and demonstrate their problem-solving and entrepreneurial skills.					
Participation	All Mechanical Engineering Department students					

Key Outcomes:	1. Students developed innovative ideas and practical solutions for identified real-world problems. 2. Enhanced students' creativity, critical thinking, and problem-solving abilities. 3. Encouraged research-oriented and innovation-driven project development. 4. Improved skills in teamwork, communication, technical presentation, and project management. 5. Enabled participants to develop and demonstrate working prototypes or proof-of-concepts.
Key observations, recommendations	1. Students showed significant interest in innovation, problem-solving, and prototype development. 2. Several ideas demonstrated good potential for addressing real-world industrial and societal problems. 3. Participants displayed improved technical knowledge, creativity, teamwork, and presentation skills. 4. Some teams required additional guidance in problem definition, technical feasibility, costing, and prototype development.
Conclusion:	The promising ideas identified through the Hackathon can be further developed through mentoring, prototyping, patenting, research publication, entrepreneurship, and participation in external innovation competitions. Overall, the activity contributed to strengthening the innovation and research culture within the department and encouraged students to transform their ideas into practical solutions.
	
Enclosure:	1. Copy of Official Event Circular .


 Activity Report
 Prepared by
 Prof.S.B.lahane
 Dept. Coordinator


 Dr R H Shinde.
 HOD


 Prof. P. D. Sathya
 SIH - SPOC


 Approved By
 Dr. G. B. Dongre
 Principal