

DIGITHON 2025



A Competition within Digital Interaction Symposium 2025

(DIS-2025): Challenges to Solutions.

The competition fosters collaboration between academia and industry to address real-world challenges.

EVENT STRUCTURE

Registration ([Click here](#))
14 OCTOBER 2025

Webinar
15 OCTOBER 2025 (Online)

Concept Note Submission
10 NOVEMBER 2025

Result Announcement
20 NOVEMBER 2025

Symposium Presentation
17-18 DEC 2025 (In-person at IIT Guwahati)

PROBLEM STATEMENTS

- P1: Complaint-Based Fracture Analysis
- P2: Direct Part Marking in Digital Designs
- P3: Localization and 3D Reconstruction from Imaging Data
- P4: Automation of 2D Drawing from 3D Models
- P5: Synthetic Data Generation for X-Ray and Bone Structures
- P6: OnePLM Data Extraction
- P7: Intelligent Vendor Management System
- P8: Complaint Summary and Sentiment Analysis
- P9: Regulatory Tool Packaging – Data Extraction
- P10: Document Revision Tracker
- P11: DIOVV Remediation using AI

ELIGIBILITY

- Open to individual applicants or teams of up to two members.
- Applicants must belong to academia (students, researchers, or faculty).
- Solutions should be research-oriented, addressing real-world industrial challenges.



AWARDS and OPPORTUNITIES

Chance to win exciting prizes from a **grand pool of ₹2.5 lakh**, with the **top winner awarded a grand prize of ₹1 lakh** along with opportunities to showcase their solutions to academia and industry leaders.

TECHNICAL DOMAINS COVERED

Computer Aided Manufacturing (CAM) & Algorithms **CAD Automation & Algorithms** **Compliance Automation**
Generative Modeling (GANs, Diffusion, etc.) **Artificial Intelligence / Machine Learning** Decision Support Systems
Digital Manufacturing/ Digital Twin Sentiment Processing Analytics Voice-of-Customer Systems
CAD Software (SolidWorks, AutoCAD, etc.) **Compliatory Automation** Documentation Intelligence
Computer Vision Biomedical Change Management Quality Document-
Data Engineering Data Simulation Knowledge & Co Tracking Quality Documen-
Operations Garage Graduge Graphs Quality QA-QC tation / QA-QC
Analytics Biomedical Data Simulation Biomedical Data Simulation QC

Be Part of the Innovation! Scan to register ([Click here](#)) and take part in shaping digital solutions for real-world challenges.

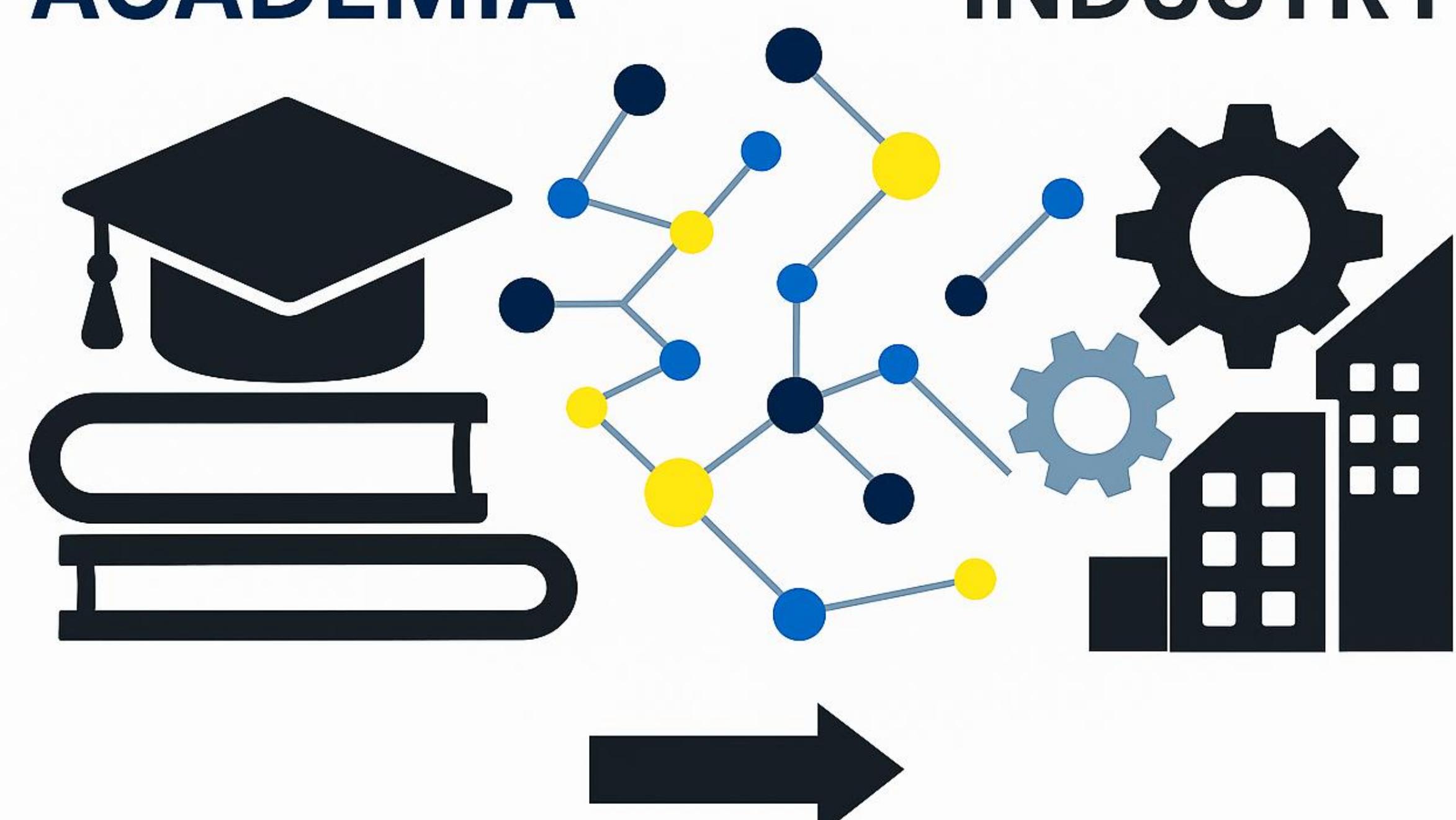
No Registration Fee



ACADEMIA



INDUSTRY



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