Startup and Incubation Centre
&
Institution's Innovation Council,
The ICFAI University, Tripura

Organizing an Event

TechNOVATE
2025
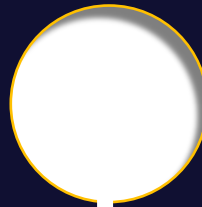
Date: 16th & 17th January

About Competition

The competitions at TechNOVATE 2K25 are designed to challenge students' technical skills, creativity, and problem-solving abilities. Through events like Error Finding, App/Web Development, and the DevOps Challenge, participants will engage in hands-on experiences that reflect real-world IT scenarios, fostering innovation and teamwork while showcasing their technical expertise.
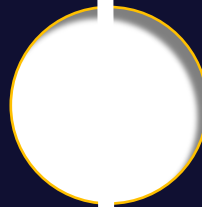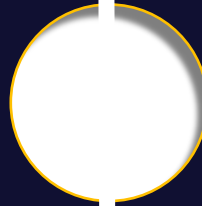
Competitions
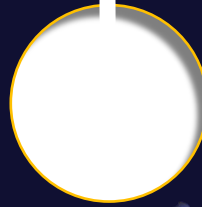
Technical Projects Exhibition (Hardware/Software)

Error Finding

App/Web Development

DevOps Challenge

Technical Projects Exhibition

(Hardware/Software)

Description: Showcase innovative hardware or software projects demonstrating problem-solving, creativity, and technical expertise. Projects may include robotics, IoT, AI applications, or interdisciplinary solutions.

Eligibility: Open to students from all departments.

Team Size: 1-5 members.

Objective: Present projects addressing real-world problems or exploring cutting-edge technologies.

Format:- Submit a project abstract during registration.

- Prepare a professional poster outlining the project's title, objective, methodology, results (if applicable), and impact.

- Exhibit live demonstrations with a Q&A session.

Rules:- Projects must be original.

- Teams must provide their hardware/software setup. Basic power supplies and tables will be arranged by organizers.

- Posters must follow specified dimensions and standards.

- Judging criteria include innovation, feasibility, clarity, and societal impact.

Error Finding

Description: *Participants will identify and debug errors in pre-written code snippets or programming scenarios. This competition aims to test logical reasoning, coding proficiency, and problem-solving skills in real-world coding challenges.*

Eligibility: *Participant Students from CSE & CA (1st year), B.Tech & BSc. (Physics, Chemistry, Math) - All years.*

Team Size: *1-2 members*

Objective: *Debug errors in the given code snippets within the allocated time.*

Format: *Participants will receive a set of coding problems in various programming languages. They must identify and correct errors accurately.*

Duration: *30 minutes.*

Rules: *External resources (internet, books) are not allowed.*

Time and accuracy will determine winners.

App/Web Development

Description: *Teams will design and develop innovative applications or websites based on predefined themes. This competition focuses on creativity, usability, and technical skills in modern web and app development frameworks.*

Eligibility: Participant Students from B.Tech (All years).

Team Size: 1-4 members.

Objective: *Create a functional and innovative app or website based on a given theme.*

Format: *Participants will be given 4 hours to design and develop their project. Presentations to judges will include a demo and a discussion of the project's features and potential impact.*

Rules: *The project must be original; plagiarism will lead to disqualification. Use of pre-existing templates must be disclosed during the presentation. Submissions must adhere to the competition theme.*

DevOps Challenge

Description: *Participants will showcase their knowledge of DevOps practices through hands-on tasks like continuous integration, deployment pipelines, and system management. The challenge evaluates their understanding of automation, collaboration, and deployment efficiency.*

Eligibility: *Participant Students from CSE & CA (3rd & 4th year) and MCA.*

Team Size: *1-2 members.*

Objective: *Solve DevOps-related challenges, including pipeline creation, automation, and system configuration.*

Format: Hands-on tasks will be assigned during the competition. Tasks may include setting up a CI/CD pipeline, server automation, or deployment solutions.

Rules: *Participants must use the tools and environments provided by the organizers. Collaboration between team members is allowed; external help is not. Solutions will be judged on functionality, efficiency, and creativity.*

Rules & Regulations

General Guidelines

Eligibility: Participants must be current students of ICFAI University or invited institutions.

Registration: Pre-registration is mandatory for all competitions. Participants must register through the official portal or designated contact person before the deadline.

Team Composition: Follow the specific team size guidelines for each competition (detailed below).Cross-departmental teams are encouraged where applicable.

Conduct: Maintain professionalism and decorum throughout the event. Any form of misconduct, plagiarism, or violation of rules will result in disqualification.

Judging Criteria: Decisions of the judges are final and binding. Criteria include creativity, technical proficiency, presentation skills, and adherence to the theme (specific to each event).

Program Tentative Schedule

Date	Time	Event
Day 1: 16th January 2025		
	10:00 AM - 12:00 PM	Inauguration Ceremony
		- Speech by Special Guest and Technical Expert
		- Vote of Thanks
	12:00 PM - 4:00 PM	Technical Project Exhibition
		- Showcase of innovative projects by students
		- Judges' evaluation
Day 2: 17th January 2025		
	10:00 AM - 11:00 AM	Error Finding Competition
	11:00 AM - 2:00 PM	App/Web Development Competition
	2:00 PM - 3:00 PM	DevOps Challenge
	3:00 PM - 4:00 PM	Prize Distribution Ceremony
		- Announcement of winners and prize distribution
		- Closing remarks and acknowledgements

Judging Panel

Dr. Subhrajyoti Deb
Assistant Professor, [HOD,CA]
ICFAI, Tripura.

Dr. Saptarshi Chakraborty
Assistant Professor
[HOD,CSE]
ICFAI, Tripura

Mr. Deo Dutta Ishwar
Assistant Professor, CSE
ICFAI, Tripura

Dr. Raktim Deb
Assistant professor, CSE
ICFAI Tripura.

Dr. Shantanu Acharya
Associate Professor, EE,
Member,   Institution's
Innovation Council,
ICFAI Tripura.

Prof. Tapan Kumar Mohanta
Assistant Professor, [HOD, ECE]
ICFAI Tripura.

Dr. Tufan Singha Mahapatra
Assistant Professor, Chemistry,
Convener, Institution's Innovation Council,
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Registration Now

technovate.iutripura.in

TechNOVATE 2025