



# The ICFAI University, Tripura

During



# ICARIA

Tech Event called



# TechNOVATE 2025



REGISTER NOW:



Exciting  
Prizes



26<sup>th</sup> – 29<sup>th</sup>  
March



# About TechNOVATE 2025



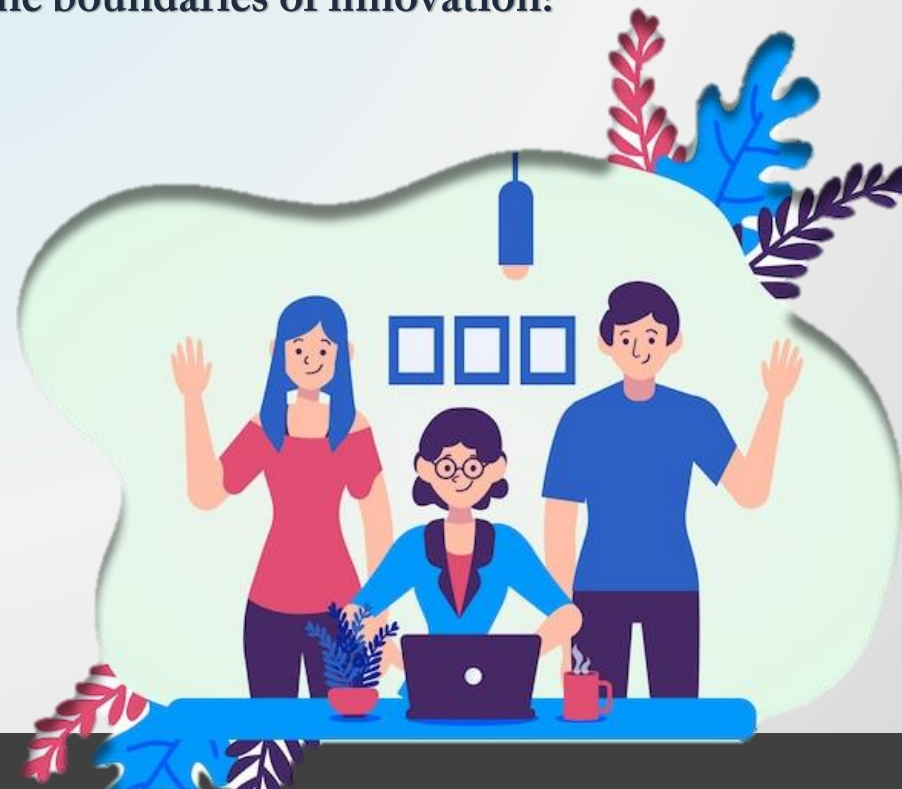
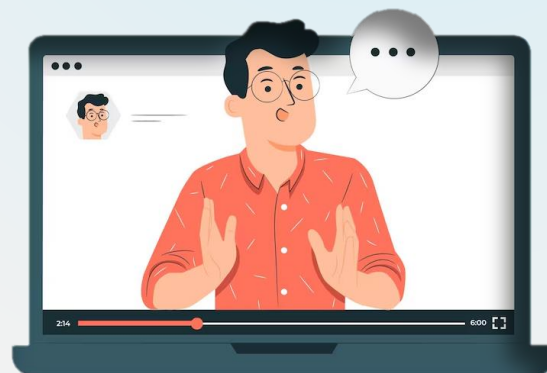
Innovate | Compete | Excel

**TechNOVATE 2025** is the technical segment of **ICARIA**, the flagship techno-cultural fest of **The ICFAI University Tripura** and one of the biggest festivals in Northeast India. It brings together students to compete, innovate, and showcase their technical skills in various challenges. The event features competitions like the **Bug Hunting, App/Web Development, Technical Projects Exhibition, Robo Car War, and Drone Fight**, offering participants a platform to test their problem-solving abilities, creativity, and technical expertise.

 **Venue:** The ICFAI University Tripura

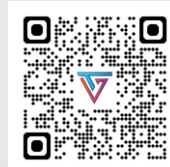
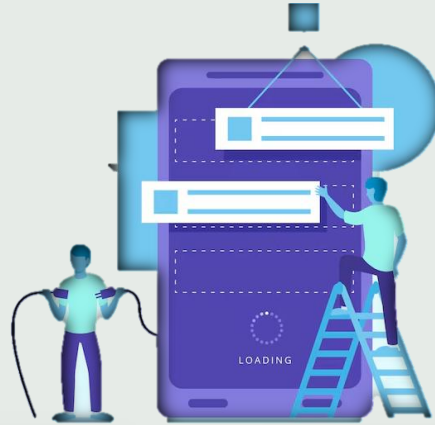
 **Date:** March 26 – March 29, 2025

Be part of the ultimate tech showdown and push the boundaries of innovation!





# Competitions



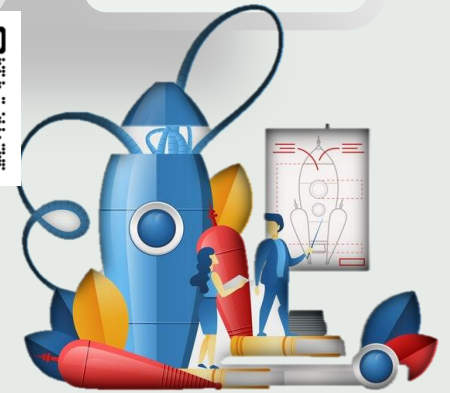
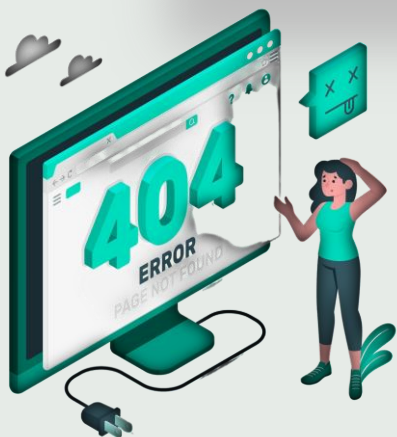
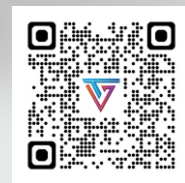
**1** Bug Hunting  
26 March

**2** App/Web Development  
27 March

**3** Robo Car War  
28 March

**4** Drone Fight  
28 March

**5** Technical Projects Exhibition  
(Hardware / Software)  
29 March

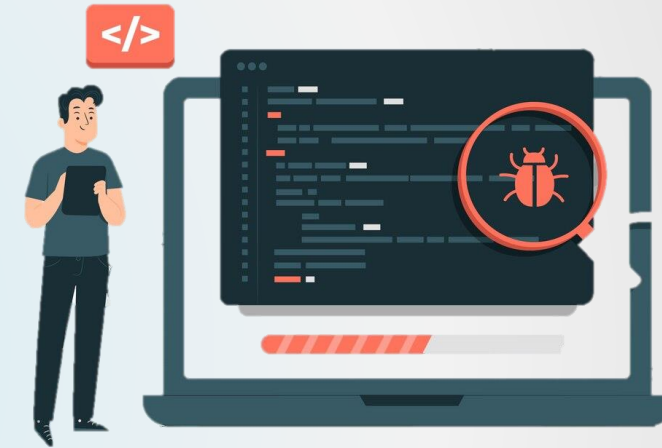




# Bug Hunting

Registration Fee: 20

- **Format:** The competition will be conducted in a **pen-and-paper** format.
- **Task:** Participants will be given a printed code snippet containing errors. They must carefully analyze the code, identify the errors, and mark them accordingly.
- **Time Limit:** The competition will have a duration of **1 Hour**.
- **Team Composition:** Each team can have a **maximum of 2 members**.



- **Eligibility:**
  - 1<sup>st</sup> & 2<sup>nd</sup> -year B.Tech/BCA students
  - 1<sup>st</sup> & 2<sup>nd</sup> -year Diploma Engineering students
  - B.Sc students all Years.

- Participants must ensure clarity in marking errors, as accuracy will play a crucial role in evaluation. Get ready to test your debugging skills under pressure!



Register Here





# App/Web Development

Registration Fee: 50

- **Format:** The competition will be conducted on the spot, where participants must design and develop an app or a website based on the given problem statement.
- **Time Limit:** The competition will have a duration of 3 hours.
- **Team Composition:** Each team can have a maximum of 4 members.



- **Eligibility:** Open to students from the following disciplines:
  - B.Tech/ BCA, M.Tech/MCA.
  - B.Sc, M.Sc
  - Diploma Engineering
- **Equipment:** Participants must bring their own laptops for development.

Register Here

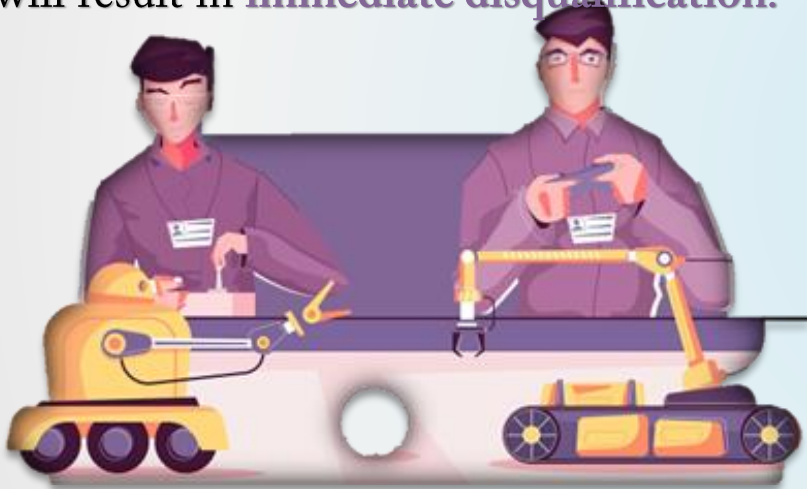


# Robo Car Fight

Registration Fee: 100

## Match Structure

- Each match will consist of **three battle rounds**.
- The winner will be decided based on overall performance across all rounds.
- If a robo car **stops functioning** during any round and cannot continue, the team will be **disqualified** from the match.
- Use of **hazardous materials, fire, liquids, or any method causing intentional harm beyond allowed contact** will result in **immediate disqualification**.



## General Rules & Guidelines

### ➤ Robot Specifications

1. Maximum weight: 7 kg.
2. The robo car can be wired or wireless.
3. No flammable materials, explosives, liquids, or weapons allowed.

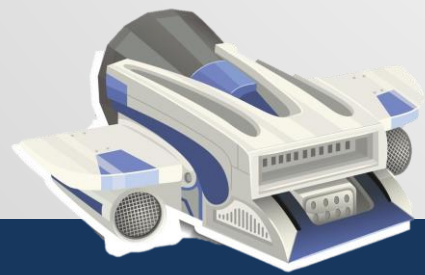
➤ **Team Composition:** Each team can have up to 6 members.

### ➤ Eligibility:

- Open to students from B.Tech/BCA, M.Tech/MCA,
- B.Sc, M.Sc, and Diploma Engineering students.

### ➤ Equipment:

- Participants must bring their own robo car and necessary accessories.



Register Here





# Drone Fight

Registration Fee: 100

MARCH

28



- The Drone Fight competition will challenge participants on their **piloting skills, precision, and drone maneuvering** capabilities. The event will consist of three rounds, each designed to test different aspects of drone control.
- The winner will be determined based on **task completion efficiency and time constraints.**

## ➤ Disqualification Rules:

- A drone will be disqualified if it **fails to take off** or does not function properly at the **start of a round.**
- Intentional crashes, out-of-bound flights, or use of unauthorized modifications (such as weapons, jammers, or projectiles) will result in immediate disqualification.
- **Manual intervention** or assistance to stabilize the drone during a round will lead to disqualification.

## ➤ Eligibility:

- Open to students from B.Tech/BCA, MCA/M.Tech, B.Sc, M.Sc, and Diploma Engineering.

Register Here





# Technical Projects Exhibition (Hardware / Software)



Registration Fee: 50

The Technical Projects Exhibition is an opportunity for students to showcase their innovative **hardware or software** projects that demonstrate problem-solving, creativity, and technical expertise. Projects may include robotics, IoT, AI applications, embedded systems, and interdisciplinary solutions tackling real-world challenges.

Format:

## 1. Abstract Submission:

1. Participants must submit a **project abstract** during registration.
2. **Shortlisted candidates** will be invited to participate in the exhibition.

[Register Here](#)



## 2. Project Presentation:

1. No PowerPoint presentations—only a **handmade or printed poster on chart paper** is required.
2. Teams will display their projects and interact with judges through live demonstrations and Q&A.

## Rules:

- Projects must be original and developed by the team.
- Teams must provide their own hardware/software setup.
- Basic tables will be provided, but teams must bring any additional materials they require.

## Eligibility:

- Open to students from all departments.
- Team size: **1-6 members**.





# Faculty & Staff Team

## Advisory committee



*Dr. Priyangshu Rana Borthakur*  
Dean of FST  
ICFAI, Tripura



*Mr. Sujit Sutradhar*  
Deputy Manager IT  
ICFAI, Tripura

## Technical Committee Head



*Mr. Debidas Chakraborty*  
System Administrator  
ICFAI, Tripura



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



*Dr. Joy Lal Sarkar*  
Assistant Professor, CSE  
ICFAI, Tripura



# Faculty & Staff Team

## Technical Committee Members



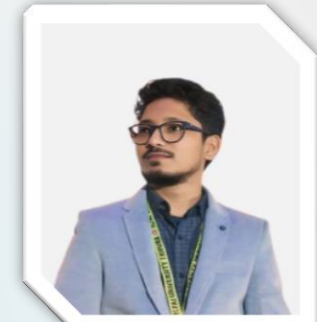
*Prof. Deo Dutta Ishwar*  
Assistant Professor, CSE  
ICFAI, Tripura



*Dr. Tufan Singha Mahapatra*  
Assistant Professor, Chemistry,  
Convener, Institution's Innovation Council,  
ICFAI, Tripura



*Prof. Arnab Roy*  
Assistant Professor, CSE  
ICFAI, Tripura



*Mr. Dipta Chakraborty*  
Project Assistant, Startup & Incubation,  
Startup Activity Coordinator, IIC, ICFAI  
Tripura.  
[diptachakraborty@iutripura.edu.in](mailto:diptachakraborty@iutripura.edu.in)  
8787857155 / 9077255903.

## Technical Support



*Mr. Sarabindu Majumdar*  
Admin officer,  
ICFAI, Tripura



*Mr. Tanay Deb*  
Deputy System Administrator  
ICFAI, Tripura





# Judging Panels



**Dr. Debapriya Banik**  
Assistant Professor, CSE  
ICFAI, Tripura



**Dr. Joy Lal Sarkar**  
Assistant Professor, CSE  
ICFAI, Tripura



**Dr. Yagnyasenee Sen Gupta**  
Assistant Professor, CSE  
ICFAI, Tripura



**Prof. Deo Dutta Ishwar**  
Assistant Professor, CSE  
ICFAI, Tripura



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



**Prof. Debarshita Biswas**  
Assistant Professor, ECE,  
ICFAI Tripura



**Prof. Srinjoy Roy**  
Assistant Professor, CE  
ICFAI Tripura



**Dr. Pritam Majumder**  
Assistant Professor, CE  
Member, Institution's Innovation Council,  
ICFAI Tripura.





# Student Team

## Bug Hunting



**Sujan Ali**

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**Sonakshi Debnath**

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## App/Web



**Arijit Debnath**

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**Laxman Saha**

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## Robo



**Rajib Rudra Paul**

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**Sujoy Datta Muhury**

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## Drone



**Ayan Bhaumik**

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**Rohan Saha**

9366184806

[rohansaha4747@gmail.com](mailto:rohansaha4747@gmail.com)

## Technical Project Exhibition



**Gourab Chakraborty**

6009695970

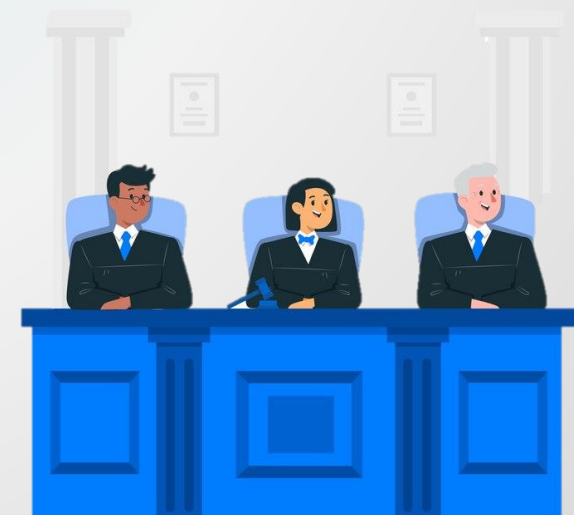
[gourabpandit2004@gmail.com](mailto:gourabpandit2004@gmail.com)



**Victor Bhattacharjee**

6009932380

[victor.bhattacharjee222@gmail.com](mailto:victor.bhattacharjee222@gmail.com)





# Basic Rules

1. Students must bring their **Institution/University ID card, library card, or any other valid institutional proof of identity.**
2. Students must be present at the designated **time.**
3. Students must complete the **registration** before the deadline.
4. Students must provide accurate information in the during **registration.**
5. Registered participants must be present on their **designated date**; no other participant will be **allowed** in their place.
6. Participants must maintain discipline and follow all **competition guidelines.** Any misconduct may lead to **disqualification.**
7. Participants must complete tasks independently without external assistance.
8. Any participant found **violating the rules or engaging in unfair practices will be disqualified.**
9. The decision of the **judges will be final and binding.**

**Help: If you have any issues, you may contact the Student Team.**

