



# TECHNO BENGAL INSTITUTE OF TECHNOLOGY

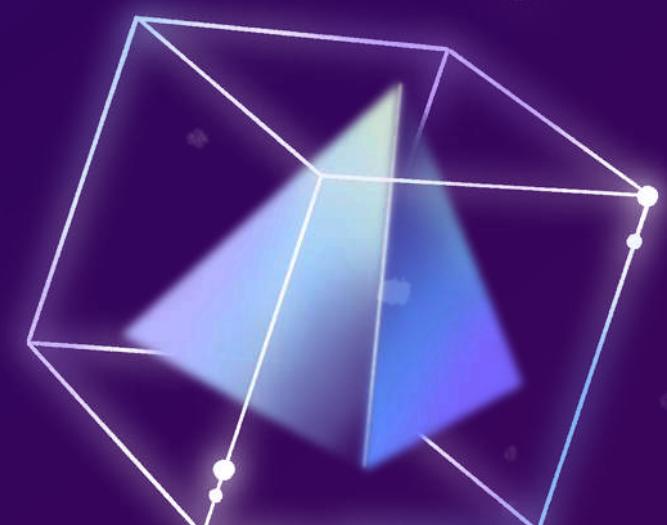
Formerly known as Bengal Institute Of Technology  
(A unit of Techno India Group)

NAAC Accredited

PRESENTS



**BITS2BYTES  
2K25**



DATE: 15TH, 16TH & 17TH SEP'25

VENUE: BIT MAIN BUILDING

[bit2bytes2k25.in](http://bit2bytes2k25.in)

# ABOUT US

Bengal Institute of Technology, a proud constituent of the prestigious Techno India Group, stands tall as one of West Bengal's leading engineering institutions. With a rich legacy of 25 years of academic excellence, it reflects the trust and credibility it has earned across the nation.

We take pride in our state-of-the-art infrastructure, featuring smart classrooms, cutting-edge laboratories, dedicated research hubs, and 24x7 high-speed connectivity. Our campus is equipped with modern tools for AI, IoT, robotics, and advanced computing, offering students hands-on experience in emerging technologies.

BIT emphasizes a holistic learning environment through:

- Industry-driven curriculum curated with inputs from top tech companies.
- Regular workshops, tech seminars, and faculty-led research projects.
- Active MOUs with industries, startups, and academic institutions.
- National and international internship and placement opportunities with companies like TCS, Infosys, Wipro, Capgemini, and more.
- Vibrant student clubs and innovation cells promoting peer-to-peer learning, hackathons, and project-based development.

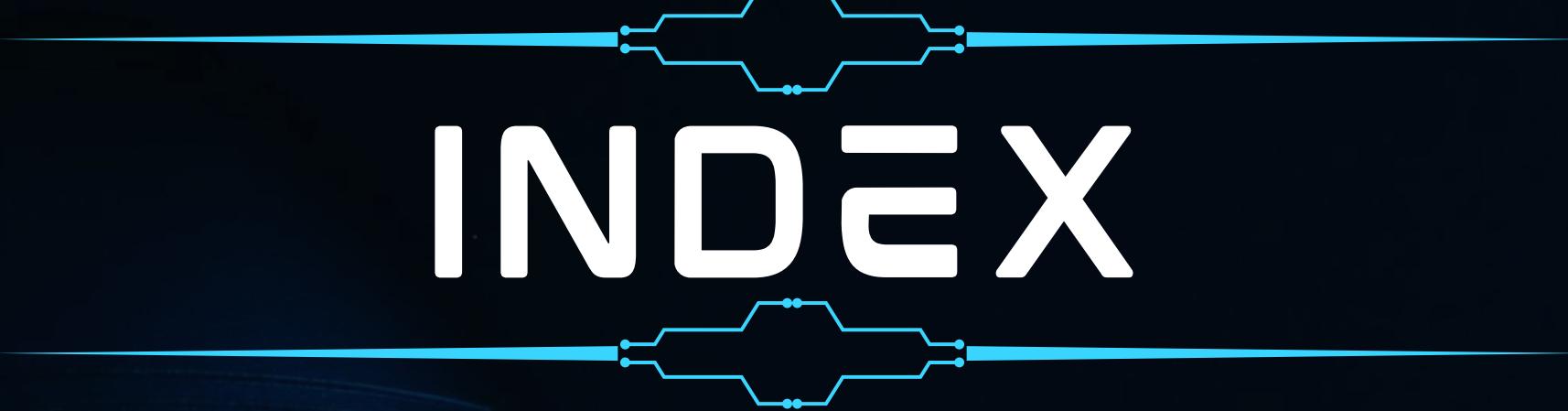
We focus not just on academics, but also on developing future leaders through soft skill training, entrepreneurial guidance, and competitive exposure at national and international levels.

As we celebrate a remarkable 25-year journey of academic distinction, we continue to provide a platform that inspires young engineers to explore, innovate, and lead with purpose.

**WELCOME TO THE ULTIMATE TECH CELEBRATION!**

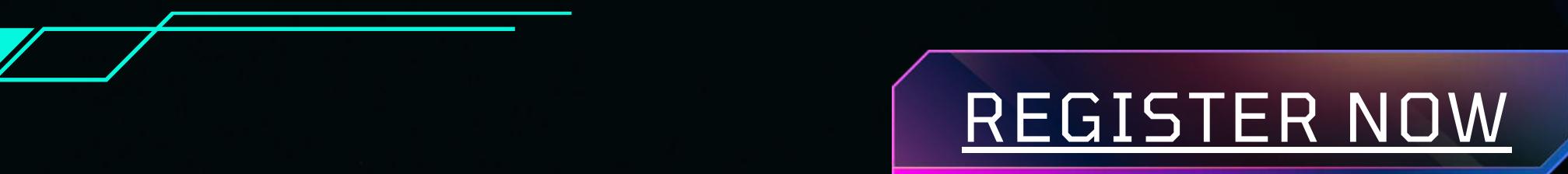
# **RULES & REGULATIONS**

- Only Team Lead should fill the registration form.
- Individual participants must not register separately.
- All participants must carry a valid college ID card.
- Cross-college teams are not allowed unless mentioned otherwise.
- Do not disclose your college name during any event.
- Smoking, drinking, or use of any banned substances is strictly prohibited.
- The judges' decision is final and cannot be challenged.
- Follow all event-specific rules as shared by the coordinators.
- Props/music (if needed) must be pre-approved by the event head.
- Be punctual – all events will start on time.
- Rules may be modified by organizers if needed.
- Prelims may be conducted for certain events.
- Do not bring sharp, inflammable, or dangerous objects.
- Any violation will lead to disqualification and removal from the venue.
- Misbehavior or obscenity in any form will result in immediate expulsion.



# INDEX

1. ENVISION -----	05
2. GENFUSION -----	06
3. ZeroDayCTF -----	07
4. ELECTROBOX -----	08
5. Code Ardor -----	09
6. Predict-O-Code -----	10
7. Electronovation -----	11
8. ROBO-SOCCER -----	12
9. ROBO RALLY -----	13
10. Cosmic Contour -----	14
11. MATH PIRATES -----	15
12. SCIENTIFIC POSTER MAKING -----	16
13. QUIZ SCRIPT -----	17
14. DEBATE COMPETITION -----	18
15. LEN-S-URGE -----	19
16. SATYANEWESHI -----	20
17. Quad X -----	21
18. E-Games -----	22
19. RETURN ZERO -----	23



[REGISTER NOW](#)

# ENVISION 2K25

Category: Software Development

## 🧠 About the Event

ENVISION is the ultimate software development challenge at Bits2Bytes 2K25, inviting brilliant minds to craft innovative solutions and present them like a pro! Participants will compete in a three-round format — starting with ideation and PPT submission, followed by a prototype demo, and culminating in a final build presentation with complete UI/UX.

Get ready to showcase your coding skills, creativity, and vision in front of a tech-savvy jury. Whether it's a mobile app, desktop utility, or web platform — bring your ideas to life!

## ⚙️ Rounds Structure

- Round 1: Submit PPT showcasing your software idea.
- Round 2: Develop a working prototype based on submitted idea.
- Round 3: Final build presentation with refined UI/UX and working features.

## ✖️ Rules & Guidelines

- Participation is allowed only in teams of 3 to 5.
- Only the team leader should fill the registration form.
- Timely submission of all materials (PPT, prototypes, final product) is mandatory.
- Communication and updates will be shared via WhatsApp.

⚠️ Note: Any plagiarism or inappropriate content will lead to disqualification.

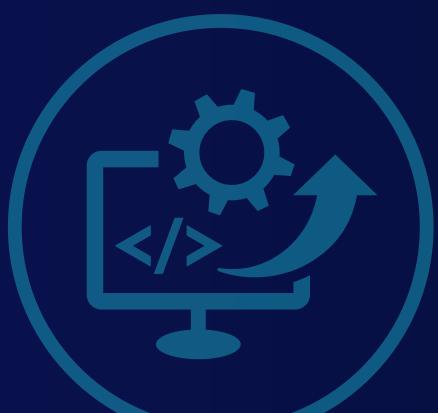
LET YOUR INNOVATION SHINE THROUGH THE DIMENTION AT ENVISION.



HEAD COORDINATOR

Shib Sankar Das

**REGISTER**



BIT Main Building  
Tech Town, Kolkata  
700150.

# GENFUSION

## 2K25

### 💡 What's GenFusion?

Welcome to GenFusion 2K25 – a beginner-friendly AI/ML showdown where intelligence meets innovation.

Build your first machine learning model, compete with peers from across years, and showcase your ideas to experts — all while learning hands-on with real datasets and guidance from mentors.

### Team Structure

- Team size: 2 to 4 members (excluding the Team Leader)
- Team Leader must fill out this registration form
- Open to all years and all streams

### 📌 Why Join?

- Hands-on AI/ML experience
- Real-time dataset problem-solving
- Industry-ready presentation and pitching

**REGISTER**

**MODEL YOUR MIND, FUEL THE FUTURE - GENFUSION IS WHERE AI DREAMS**

**HEAD COORDINATOR**

Soham Kar

**IGNITE!**



**BIT Main Building  
Tech Town, Kolkata  
700150.**

# ZeroDayCTF

2K25

CATEGORY: CYBERSECURITY / ETHICAL HACKING

## About the Event

ZeroDayCTF is a capture-the-flag hacking contest where your keyboard becomes your weapon and logic your shield. Compete to break into intentionally vulnerable systems, uncover flags, and prove your cyber prowess. Challenges range from binary exploitation to cryptography, web vulnerabilities to forensics — simulate real-world hacking in a secure, gamified format

## Protocol & Details

Device: Personal Laptop or College Desktop

Deadline: Submission ends on 16th July

Rules: To be revealed onsite.

## What is a CTF?

Learn: CTF Basics – Medium Guide

Try a CTF Platform:

👉 <https://ibb.co/xSkjsZX> (Hint: Base64 Decode 🔒)

📢 Rewards: Eternal glory, swag, bragging rights—and perhaps, humanity's gratitude.

**REGISTER**



HEAD COORDINATOR

Dipak Biswakarma



BIT Main Building  
Tech Town, Kolkata  
700150.

IT'S NOT JUST A GAME. IT'S A WARZONE. AND YOU'RE THE HACKER.

# ELECTROBOX 2K25

Category: Hardware & Software  
Innovation Challenge

## Event Description

Do you have what it takes to crack the circuit code? ELECTROBOX is a brain-teasing quiz event designed to evaluate your knowledge of electronic circuits. From basics to advanced logic, expect rapid-fire rounds, circuit puzzles, and thrilling challenges that put your analytical and problem-solving skills to the test.

Whether you're a beginner or a pro, this event guarantees excitement and healthy competition!

### Rules & Requirements:

- ✓ Open to all students
- 🧠 Questions based on circuits, electronics, and logic
- 🕹 Mode: Offline quiz (pen and paper or buzzer-based)
- 🏆 Top scorers move to final rounds
- 🎯 Come prepared with quick reflexes and solid basics
- 👤 Participation:
  - Type: Individual (no teams)
  - Mode: Offline
- eligibility: Open to all branches and years
- Rounds: Multi-level (Prelims → Finals)

Crack the circuit, spark your wit – only the sharpest minds light the path!

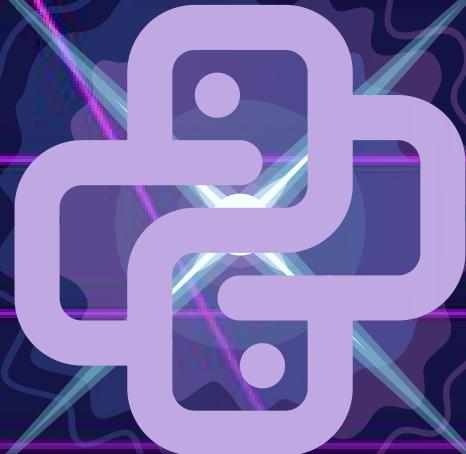
**REGISTER**

**HEAD COORDINATOR**

Lahari Das Chaklader



BIT Main Building  
Tech Town, Kolkata  
700150.



# CODE ARDOR

## 2K25



CATEGORY: PROGRAMMING APTITUDE



### Event Description

Code Ardor is your chance to showcase logic, speed, and programming knowledge through an exciting MCQ-based coding quiz. Face 20 curated questions designed to test your conceptual grasp across C, C++, Java, JavaScript, and Python. It's a rapid-fire logic test where time matters and accuracy is everything!

### Protocol & Details

- Participation Type: Solo
- Mode: Offline (On-Campus)
- Total Questions: 20
- Type: MCQ (Multiple-Choice Questions)
- Languages Covered:
- C | C++ | Java | JavaScript | Python

### Scoring

- ✅ +1 for each correct answer
- ❌ No negative marking
- ⚡ Time of submission determines rank in case of ties
- Device: Paper or digital (as per venue setup)

DON'T JUST CODE—COMPETE WITH LOGIC IN  
CODE ARDOR.

**REGISTER**

HEAD COORDINATOR

Arkaprava Dutta



BIT Main Building  
Tech Town, Kolkata  
700150.



# Predict-O-Code

# 2K25



Category: Competitive Programming

## Event Description

Enter the arena of logic, speed, and precision with Predict-O-Code, a competitive coding showdown hosted on HackerRank. Participants will tackle 5 programming questions, ranging from easy warm-ups to hardcore logic crunchers, designed to test your coding acumen under time pressure.

The twist?

**Fastest correct submission wins—accuracy and speed both matter.**

## Protocol & Details

- Participation Type: Solo
- Mode: Offline (On-Campus)
- Platform: HackerRank
- No. of Questions: 5
- Difficulty: Easy → Hard

## Evaluation

- All test cases must pass
- Fastest correct submission ranks higher
- Device: Personal Laptop

**REGISTER**

HEAD COORDINATOR

Abir Dey

Abhinandan Ghosh



**THINK. TYPE. TRIUMPH.**



**BIT Main Building**  
Tech Town, Kolkata  
700150.

# ⚡Electronovation 2K25

Category: Hardware & Software  
Innovation Challenge

## 🔧 Event Description

Electronovation 2K25 is a high-voltage showdown of tech creativity, where real-world problems meet next-gen hardware-software synergy. Whether it's smart automation, robotics, IoT, or embedded AI, this is your platform to Think, Transform, Explore and Deploy.

Impress judges with working models, demo-ready prototypes, or experimental devices that break the status quo. Build, code, and conquer!



## ⚙️ Rules & Requirements:

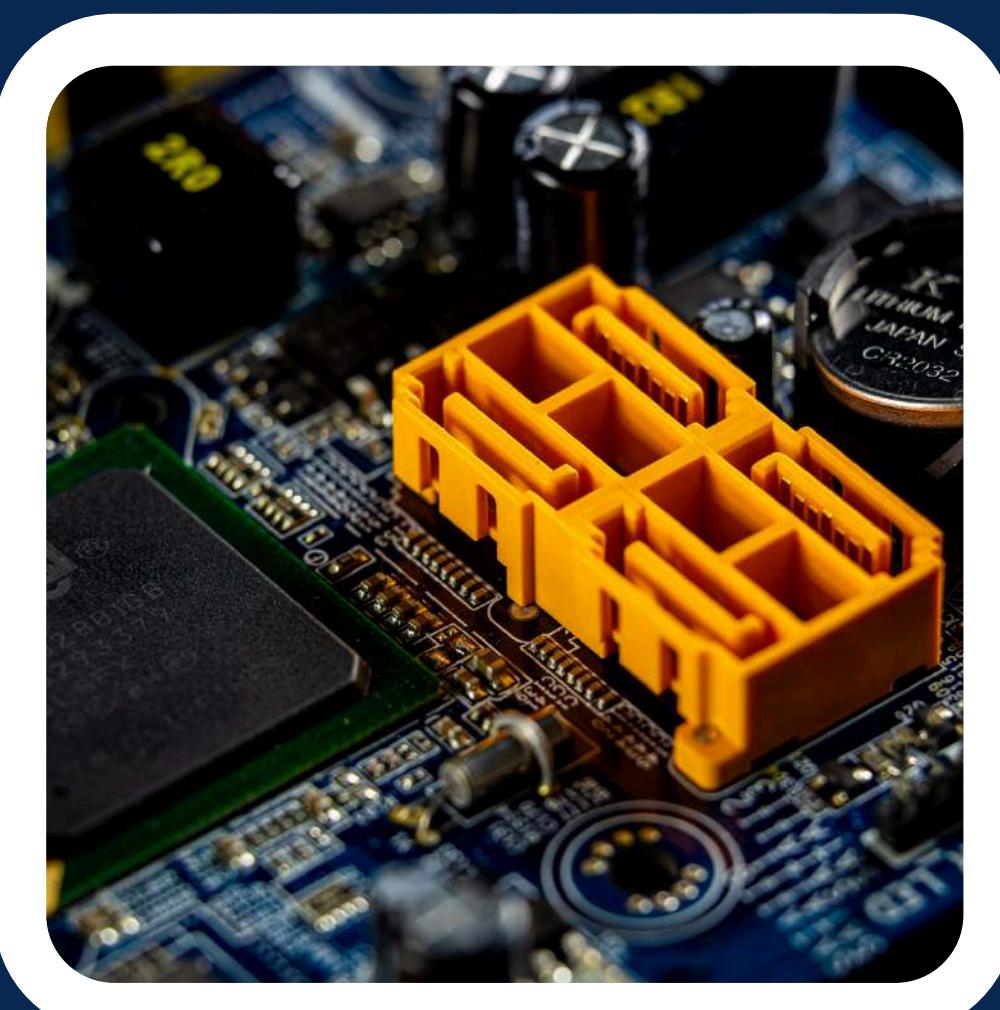
**Team Size:** 3 to 6 members per team.

**Eligibility:** Open to all engineering disciplines. Cross-year collaboration is allowed and encouraged.

**Only Team Leader** must fill the participation form.

**Working prototypes or proof-of-concepts** are mandatory.

**Plagiarism or copied ideas** will be disqualified. Judging based on innovation, utility, and feasibility.



Build it. Show it. Electrify the fest!

Electronovation 2K25 – Where Sparks Ignite Tomorrow.



HEAD COORDINATOR

Debdeep Mahapatra  
Shayeri Ghosh

[Register Now](#)



BIT Main Building  
Tech Town, Kolkata 700150.

# ROBO-SOCCER

## 2K25

HELLO!



### About the Event

Robo Soccer is not just a game – it's an electrifying blend of engineering brilliance and sporting thrill! Witness a high-octane contest where your custom-built bots dribble, defend, and score their way to robotic glory.

From precise coding to pitch domination – this is your team's moment to shine, compete, and innovate!



### TEAM REGISTRATION GUIDELINES

- Each team must have 3 to 4 members, including a Team Leader.
- Only the Team Leader should fill out this form on behalf of the team.
- Team members can be from 2nd, 3rd, or 4th year, all members must from same institute.
- Choose a unique Team Name and upload a custom Team Logo (can be AI-generated).
- Ensure all form details are accurate and submitted before the deadline.

Note: All match rules and bot specifications will be shared exclusively via the event WhatsApp Group.

**STRAP IN AND GEAR UP - THE BOTS ARE READY, AND THE GAME IS ON!**

[\*\*REGISTER\*\*](#)

**HEAD COORDINATOR**

Roopam Satapathi



BIT Main Building  
Tech Town, Kolkata  
700150.

# ROBO RALLY

## 2K25



### About the Event

Get ready, everyone, because the race is set for the ultimate clash of robotics – welcome to Robo Rally!" Fuel your innovation, fire up your bots, and enter the chaotic arena of automation where strategy meets speed. Your wireless robot must navigate through the rally course, battling time, terrain, and rivals! 🏁 This is your platform to showcase engineering, control, and creativity in one roaring showdown.

### ✓ TEAM REGISTRATION GUIDELINES

- Each team must have 3 to 4 members, including a Team Leader.
- Only the Team Leader should fill out this form on behalf of the team.
- Team members can be from 2nd, 3rd, or 4th year, all members must from same institute.
- Choose a unique Team Name and upload a custom Team Logo (can be AI-generated).
- Ensure all form details are accurate and submitted before the deadline.

📢 Note: All match rules and bot specifications will be shared exclusively via the event WhatsApp Group.

**STRAP IN AND GEAR UP - THE BOTS ARE READY, AND THE GAME IS ON!**

**REGISTER**

**HEAD COORDINATOR**

Ritisha Ghosh



**BIT Main Building**  
Tech Town, Kolkata  
700150.

# COSMIC CONTOUR

## 2K25

### About the Event

Welcome to Cosmic Contour, a celebration of innovation driven by scientific curiosity. This event invites teams to design and demonstrate creative, science-based solutions to real-world problems—from healthcare to environment, tech to daily life. Let your ideas take shape into practical innovations and present them to inspire change!

### INSTRUCTIONS & GUIDELINES

- Type: Team (3–4 members)
- Mode: Offline Presentation & Demo
- Judging Criteria: Creativity, Scientific Basis, Implementation, Impact
- Project Domains: Open (Environment, Health, Communication, Tech, etc.)

**Note:** Choose a unique team name  
Select a distinct project topic — no duplication across teams

**UNRAVEL THE MYSTERIES OF THE UNIVERSE – ONE EXPERIMENT AT A TIME!**

**REGISTER**

**HEAD COORDINATOR**

Sumorit Parmanik

 BIT Main Building  
Tech Town, Kolkata  
700150.

# MATH PIRATES

# 2K25

CATEGORY: MATH & LOGIC

## About the Event

Step aboard MATH PIRATES, where your mind is your compass and speed is your sail! Navigate through stormy problems, logical traps, and tricky number puzzles in a test of reasoning, accuracy, and mental agility. Only the smartest pirates will reach the treasure!

As part of the intellectual odyssey of Bits2Bytes 2K25, this challenge will push your math skills from easy tides to tsunami-level storms!

## EVENT FORMAT

- Difficulty Level: Easy to Hard
- Evaluation: Qualify the prelims to enter the final treasure hunt
- Type: Solo (Individual)
- Format: Offline written/interactive quiz
- Main Event Date: 5th August, 2025 (Tuesday)
- Venue: On-campus (details will be shared in WhatsApp group)

Fill out the form and register to prove your mettle as the sharpest calculator of the crew!

READY TO SAIL THE SEAS OF LOGIC AND CONQUER THE WAVES OF

NUMBERS?

**REGISTER**

HEAD COORDINATOR

Anshuman Ghosh



BIT Main Building  
Tech Town, Kolkata  
700150.

# SCIENTIFIC POSTER MAKING 2K25



## >About the Event

Calling all innovators, thinkers, and visual storytellers!

Join the Scientific Poster Making Competition – where your love for science and art collide. Express scientific ideas in visually stunning posters that not only inform but inspire. This is your canvas to explore real-world problems, bold concepts, and futuristic innovations with clarity, creativity, and impact.

## Event Highlights

Participation Type: Individual only

 Note: WhatsApp group link will be provided after you register for further updates and detailed guidelines.

WHEN SCIENCE MEETS CREATIVITY, IDEAS  
COME ALIVE ON PAPER.



**REGISTER**

HEAD COORDINATOR

Suman Panja



BIT Main Building  
Tech Town, Kolkata  
700150.

# QUIZ SCRIPT 2K25

## About the Event

Welcome to Quiz Script — the ultimate quiz battle of BITS2BYTES 2K25 at Bengal Institute of Technology! From rapid-fire questions to strategic reasoning, this thrilling two-member team quiz will push your knowledge, speed, and synergy to the limits.

## Event Highlights

- Team Size: 2 members per team (duo only)
- Preliminary Round: All teams participate; leaderboard-based shortlisting
- Advancement: Top 20 teams qualify for Semi-Finals and Finals
- Quizmaster: Conducts all rounds live and enforces rules
- Victory: Top 3 teams on the final leaderboard will be crowned champions!
- Mode: Offline at BIT Campus
- Tools Needed: Just your brains and teamwork!

GET READY TO COMPETE IN A HIGH-ENERGY INTELLECTUAL FACE-OFF WHERE  
THE TOP MINDS WILL CLASH IN REAL TIME!

**REGISTER**

HEAD COORDINATOR

Ayushmaan Datta Gupta



BIT Main Building  
Tech Town, Kolkata  
700150.

# DEBATE COMPETITION

## 2K25

Confidence

Knowledge



### About the Event

Get ready to challenge perspectives and ignite discussions in the Debate Competition at BITS2BYTES 2K25!

This is your platform to express your opinions, engage in fierce argumentation, and captivate an audience with your confidence and clarity.



### Rules & Guidelines

- Relevance & Clarity of Content
- Strength of Arguments
- Rebuttal & Counterpoints
- Presentation & Time Management



### Rounds Structure

- Format: Two rounds (details will be disclosed later)
- Participation Type: Individual
- Mode: Offline
- Debate Topics: Revealed shortly before each round to encourage spontaneity



**Note:** Once registrations are closed, participants will be paired. All participants must join the official WhatsApp group after submitting the form.

**WHEN IDEAS CLASH, INNOVATION SPARKS. SPEAK BOLDLY, ARGUE WISELY.**

**REGISTER**

**HEAD COORDINATOR**

Arshad Khan



BIT Main Building  
Tech Town, Kolkata  
700150.

# LEN-S-URGE

## 2K25

### About the Event

Welcome to LEN-S-URGE, the ultimate photography face-off where creativity, emotion, and perspective meet in a single frame.

Whether you're capturing candid campus moments, abstract expressions, or breathtaking landscapes, this is your stage to shine. Let your photos speak louder than words.

### Event Format

- 1. Shadows & Reflections Explore the magical play of light and dark, and how reflections mirror reality or distort it. This theme invites photographers to dive into the subtle drama of everyday objects, architecture, water, glass, or any surface that echoes shadows or reflections.
- 2. Moments Capture the emotion, spontaneity, and rawness of a moment. Whether it's a candid smile, a dramatic scene, or fleeting expressions, this theme is about storytelling in a single frame.



### What's at stake?

1. Unique Entry: One photo can only be entered in one time.
2. Entry Limit: Each participant can submit minimum 2 images or maximum 4 images as per theme. If participants want they can submit only one theme, both themes are not mandatory for submission.
3. Online Submission: All entries must be submitted via the form.
4. File Format: All images must be in JPEG format.
5. File Size: Image file size must not exceed 7 MB.
6. Image Naming: Each image must have a name (no numbers allowed). Use the format: "Participant's Name\_Theme\_Title" (e.g., "Ashok Chakraborty\_Shadow & Reflection\_What lies beneath the reflection?").
7. No watermark or signature: There must not be any signature, name, or watermark in the picture.
8. Submission Deadline: 31st July, 11:59 a.m. (sharp)

 Image can be AI-generated or capture by the participants.

Prestigious certificates, exciting prizes, and recognition across BIT!

**YOUR PERSPECTIVE THROUGH THE LENS CAN INSPIRE THOUSANDS.**

**CAPTURE. CREATE. COMPETE.**

**HEAD COORDINATOR**

Jeet Santra

**REGISTER**



**BIT Main Building**  
Tech Town, Kolkata  
700150.

# SATYANEWESHI

## 2K25

### About the Event

Satyaneveshi is not just an event – it's an immersive mystery adventure. Solve mind-bending riddles, crack encrypted messages, and uncover hidden secrets scattered across the campus. With a blend of thrilling detective work and high-energy fun rounds, this event is your chance to be the ultimate seeker of truth.

Expect a dynamic mix of puzzle-solving, team coordination, and creative challenges. Think fast, stay sharp, and trust your instincts!

### Rules & Guidelines

- Each team must have exactly 3 members.
- Only the Team Leader must fill out this form on behalf of the team.
- Choose a unique Team Name to stand out among the sleuths.
- Entries must be submitted before the deadline. Late entries will not be accepted.

**WELCOME TO SATYANEWESHI: CAMPUS OF CIPHERS - WHERE LOGIC MEETS ADRENALINE, AND THE TRUTH AWAITS ONLY THE BRAVE!**

**REGISTER**

**HEAD COORDINATOR**

Soumyadeep Kundu  
Subhro Mohanta



BIT Main Building  
Tech Town, Kolkata  
700150.

# QUAD X

2K25



## About the Event

Quad X is a high-voltage drone competition where flight innovation takes center stage. Participants will test their engineering, piloting, and tactical skills as they maneuver drones through challenging courses filled with twists, turns, and aerial obstacles. This is your chance to fly high, build smart, and battle with precision in the most electrifying airborne race at BITS-2-BYTES 2K25.



## Rules & Guidelines

- Max 4-rotor drone, manual mode only
- Weight  $\leq$  2 kg (with battery)
- Power: Up to 3S LiPo (11.1V)
- Team: 1–3 members
- Bring own drone, controller, safety gear
- Follow safety & flying discipline

⚠️ Notice: All participants of Quad X – Drone Competition must register on time and follow all safety and event rules strictly.

**QUAD X IS WHERE SKY IS NOT THE LIMIT!**

**REGISTER**

**HEAD COORDINATOR**

Jeet Santra



**BIT Main Building**  
Tech Town, Kolkata  
700150.





# GAMING EVENT 2K25

## ABOUT EVENT

Gear up, gamers! It's time to lock and load as we launch into the most intense gaming showdown of the year. Whether you're into tactical shooters or virtual football fever, this Tech Fest Gaming Arena is designed to challenge your skills and crown the true champions of the controller and keyboard.

BGMI – BATTLEGROUNDS MOBILE INDIA

Free Fire MAX

Valorant

eFootball



## RULES & GUIDELINES

1. *Fair Play is Mandatory* – Any form of cheating, hacking, or using unauthorized tools will result in immediate disqualification.
2. *Device Rules* – Only mobile phones (BGMI, Free Fire), PC (Valorant), or console (eFootball) as per the game requirements.
3. *Ping Limit* – Players must ensure stable internet. Max ping allowed: 120ms.
4. *Language* – Toxic behavior, abuse, or hate speech is strictly prohibited.

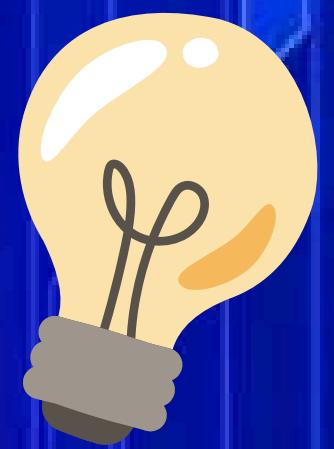
**"IT'S NOT JUST A GAME. IT'S A BATTLEFIELD WHERE LEGENDS ARE BORN."**

**HEAD COORDINATOR**  
Ansh Kumar Shaw

**REGISTER**

BIT Main Building  
Tech Town, Kolkata  
700150.

# RETURN ZERO 2K25



## 🧠 ABOUT THE EVENT

Return Zero is the ultimate battleground for programmers where logic reigns supreme and every line of code counts. Whether you're a bug-squashing wizard or a speed-coding ninja, this competition challenges you to think algorithmically, act fast, and build smart.

- 📍 Location: BIT MAIN BUILDING
- ⌚ Time Limit: 5 hours
- 📅 Date & Time: Revealed soon
- 🚫 Registration Deadline: 30th July 2025, 11.59pm
- 🎯 Topics: Specific Domains/Topics will be revealed after registration

## 📌 RULES & GUIDELINES:

- Time duration for the event is strictly 5 hours.
- Team size must be minimum 3, maximum 4 members.
- Team Leader will register on behalf of all team members and act as the main point of contact.
- Each participant can join only one team.
- Team members must belong to the same college.
- All team members should be present at the venue during the event.
- No prior submission or prepared code – build during the event time only.
- Maintain sportsmanship and integrity – no plagiarism or unfair means.

HEAD COORDINATOR

Amit Mondal  
Jyotirmoy Mandal

**REGISTER**

📍 BIT Main Building  
Tech Town, Kolkata  
700150.