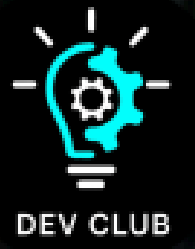




**THAKUR RAMNARAYAN COLLEGE  
OF ARTS AND COMMERCE**



**Department of B.Sc.(I.T.) & B.Sc.(C.S.)  
Organises**



**ZETTAABYTE 4.0**

**An Inter-Collegiate Tech Fest**

**12TH SEPTEMBER 2025**



# ABOUT TRCAC

Thakur Ramnarayan College of Arts and Commerce fosters a vibrant intellectual environment that promotes student growth, supports faculty research, and actively engages with the wider society. The college offers an inclusive ecosystem where individuals can build meaningful connections with peers, both inside and outside the classroom.

At TRCAC, we prioritize collaborative learning, personal development, and the celebration of diverse viewpoints. This approach is essential to preparing students for success in an ever-evolving global landscape.

Our undergraduate programs in Arts, Science, and Commerce are crafted to nurture critical thinking, effective communication, and a well-rounded knowledge base — empowering students for professional success and responsible civic participation.



# ABOUT



**The Zettaabyte Tech Fest is a cutting-edge technological event that empowers students to showcase their skills through coding competitions and hands-on innovation. It cultivates a vibrant culture of learning, creativity, and collaboration—inspiring participants to explore, problem-solve, and push boundaries. The fest also serves as a valuable platform for networking with industry professionals and presenting breakthrough projects. By blending technical excellence with real-world application, Zettaabyte significantly enhances participants' practical skills and overall professional development.**

# TECHNICAL EVENTS

ROGUE PROTOCOL

CODE GLADIATORS

SYNTAX FLIP

RESPONSIVE RUSH



# non - TECHNICAL EVENTS

PROMPT-A-PIXEL

PHANTOM TYPING


BYTE SIZED BRAINIACS

## E - SPORTS

BGMI

VALORANT

FREE FIRE



# **TECHNICAL EVENTS**



# ROGUE PROTOCOL

**ROGUE PROTOCOL** is a logic-driven coding event where participants interact with a rogue AI through a command-line interface. The goal is to understand its behavior, write custom override logic in Python and gradually regain control of its ethical system across multiple stages. Participants will edit specific files, trigger overrides and observe real-time responses from the AI as they attempt to outsmart it.

**REGISTRATION FEES: FREE**

**PRIZES:**

**CERTIFICATES AND TROPHY**

# RULES

- **Single Player per Terminal:**  
One participant per machine/session.
- **No External Help:**  
No use of AI tools, forums, or external code once the challenge starts.
- **Do Not Alter Core Files:**  
Only modify the allowed file(e.g.,user\_override.py in Round 1).
- **Time-Limited Rounds:**  
Each round has a strict time limit (announced before the event).
- **No Reverse Engineering KRONOS:**  
Do not tamper with internal logic files (engine.py, etc.)



# **CODE GLADIATORS**

**Code Gladiators is an event where participants shows their speed and logic levels by writing or changing codes to solve the levels in the game. There will be a game and a panel on the right of the game where you write a logistic code to advance your character and win the level. The difficulty of the game increases by every round.**

**REGISTRATION FEES: FREE**

**PRIZES:**

**CERTIFICATES AND TROPHY**

# RULES

- **Eligibility:**

**Participants must register before the event starts. No walk-ins after Round 1.**

- **Individual Participation:**

**The event is strictly solo; no teams allowed.**

- **Device Usage:**

**Participants must use systems provided by organizers. Personal laptops are not allowed unless specified.**



# SYNTAX FLIP

Ready to bridge the gap between programming languages? Our intensive 3-round Language Conversion Challenge tests your versatility across Python, Java and C++.

Each round, you'll convert original code into a new language, focusing on both functional equivalence and idiomatic best practices. Crucially, you'll also identify and fix any bugs, showcasing your debugging prowess.

REGISTRATION FEES: **FREE**

**PRIZES:**

**CERTIFICATES AND TROPHY**

# RULES

- **Individual Event:**

**No team participation allowed.**

- **Language Choice:**

**Convert code between Python, Java, or C++ in each of the 3 rounds.**

- **Task Requirements:**

**Convert code, fix bugs, and ensure a clean structure before the deadline.**

- **Fair Play:**

**No AI tools, external help, or copying; all work must be original.**

- **Conduct & Decisions:**

**Respect volunteers; judges' decisions are final. Misconduct leads to disqualification.**



# RESPONSIVE RUSH

Responsive Rush is the ultimate frontend design challenge where you'll put your web development skills to the test by transforming broken, static websites into seamless, mobile-ready experiences. Whether you're a CSS pro or just diving into Flexbox, this is your chance to prove your responsiveness under pressure.

This fast-paced, 2-player event features rounds of unresponsive code—your mission: fix it using responsive design techniques like media queries, Flexbox, Grid, and more. Participants must bring their own laptops.

**REGISTRATION FEES: FREE**

**PRIZES:**

**CERTIFICATES AND TROPHY**

# RULES

- **Team Size:**

1–2 participants per team; each must bring their own laptop.

- **Challenge Format:**

Fix and make static or broken code responsive using only provided files.

- **Allowed Techniques:**

- Media Queries, Flexbox, CSS Grid
- Relative Units (% , em, rem, vw, vh)
- Aspect Ratios, Responsive Images
- CSS Transitions & Animations

- **JavaScript Usage:**

Allowed only in the final round for UI interactions.

- **No External Tools:**

No AI tools, internet help, or copied code.

- **No External Libraries:**

Use only the given files — no extra libraries or frameworks.

- **Evaluation Criteria:**

Based on responsiveness, clean code, effective CSS, and UI design.

# **non-TECHNICAL EVENTS**



# PROMPT-A-PIXEL

Participants are shown an AI-generated image and must write prompts to replicate—or get as close as possible to—the original using a selected AI image generation tool (Copilot), on a mobile device.

**Skills Tested:** Prompt crafting, attention to visual detail, AI creativity and understanding of descriptive language.

**REGISTRATION FEES: FREE**

**PRIZES:**

**CERTIFICATES AND TROPHY**

# RULES

- **No Image Editing:**  
Participants must only use prompts—no manual photo editing or AI inpainting allowed.
- **Tool Lock-In:**  
Only the selected AI tool (Copilot) is allowed for image generation.
- **Single Submission per Round:**  
Only one final submission per participant is accepted in each round.
- **Use of Own Device (if applicable):**  
Participants must use their own devices unless event hardware is provided.
- **No External Help:**  
Strictly individual participation—no external prompting or assistance using human or AI help.
- **Respect Time Limits:**  
Submissions must be made within the round time limit.

# PHANTOM TYPING

A high-focus typing competition where screens are off and memory is everything. Participants face three unique rounds testing their listening, recall, and typing skills — all under pressure and without visual aid.

REGISTRATION FEES: **FREE**

PRIZES:

CERTIFICATES AND TROPHY

# **RULES**

- **Screen Off Typing:**

**Monitors will be off during typing. No visual feedback allowed.**

- **Content Delivery:**

**Text will be shown briefly or dictated. Memorize and type accurately.**

- **Judging Criteria:**

**Accuracy is the priority; speed is secondary.**

- **No Backtracking:**

**No edits or restarts once typing begins.**

- **Single Submission:**

**Only one final entry is allowed per participant.**

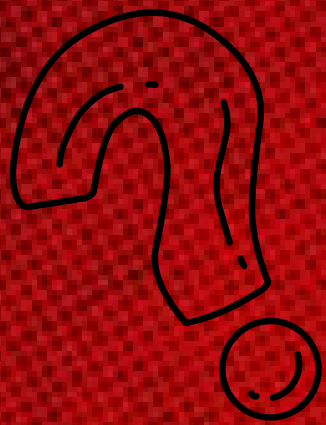
- **Solo Challenge:**

**No help, hints, or AI tools permitted.**

- **Time-Bound:**

**Complete within the given time or face disqualification.**





# Byte-Sized Brainiacs

**Get ready to test your knowledge and wit in our Byte-Sized Brainiacs Trivia event! This competition will challenge your understanding of various subjects, from tech to pop culture, and everything in between.**



# WHAT?

## REGISTRATION FEES: FREE



## PRIZES:

## CERTIFICATES AND TROPHY

# GUESS

# RULES

- **Teams of 2 members**
- **3 rounds: Prelims, Semi-Finals, and Finals**
- **Questions will cover a wide range of topics, including tech, history, science, literature, pop culture, and more**
- **Scoring: +10 points for each correct answer, -2 points for each incorrect answer**
- **Time limits will be strictly enforced for each round**
- **Teams can register in-person or online (details will be shared separately)**



**E-SPORTS**

# BGMI

A electrifying BGMI tournament under Zettaabyte where squads compete in high-stakes matches. Show your skills, teamwork, and strategy to claim victory!

**11<sup>th</sup> & 12<sup>th</sup> September 2025**

**REGISTRATION FEES - 400/- PER TEAM**  
**TEAM SIZE- 4 PLAYERS**

## **Prize Pool**

<b>1st place</b>	<b>₹4000 + certificate + TROPHY</b>
<b>2nd place</b>	<b>₹2500 + certificate</b>
<b>3rd place</b>	<b>certificate</b>



# RULES

- Each team must consist of 3–4 members
- Players are required to bring their own devices and chargers
- Participants should ensure a stable internet connection (organisers will not be responsible for network-related issues)
- No use of third-party tools or cheats; any violation will result in immediate disqualification
- Team members must arrive at least 30 minutes prior to their scheduled match.
- Game settings and mode will be predefined by the organising committee
- The decision of the referees and organisers will be final
- In case of disputes, a rematch may be organised at the discretion of the event committee
- Toxic behaviour, abusive language, or unfair play will not be tolerated

# VALORANT

DIVE INTO THE ACTION WITH  
YOUR TEAM IN THIS INTENSE  
5V5 TACTICAL FPS  
COMPETITION. SHOWCASE  
YOUR SKILLS, STRATEGY,  
AND TEAMWORK TO CLAIM  
VICTORY!

8<sup>th</sup> & 9<sup>th</sup> September 2025

**REGISTRATION FEES - 400/- PER TEAM**

**TEAM SIZE- 4 PLAYERS**

## **Prize Pool**

1st place	₹5000 + certificate + TROPHY
2nd place	₹3000 + certificate
3rd place	Certificate

# RULES

- **Players are to use only the gaming systems and peripherals provided by the venue.**
- **Each team must consist of 5 members.**
- **No use of third-party tools or cheats; any violation will result in immediate disqualification.**
- **Team members must arrive at least 30 minutes prior to their scheduled match.**
- **Game settings and mode will be predefined by the organising committee.**
- **The decision of the referees and organisers will be final.**
- **In case of disputes, a rematch may be organised at the discretion of the event committee.**
- **Toxic behaviour, abusive language, or unfair play will not be tolerated.**



# FREE FIRE

A thrilling free fire tournament powered by ZETTAABYTE where elite squads battle in high-octane clashes. Unleash your skills, tactics, and teamwork to secure the glory!

**12<sup>th</sup> September 2025**

**REGISTRATION FEES - 200/- PER TEAM**

**TEAM SIZE- 4 PLAYERS**

**Prize Pool**

<b>1ST PLACE</b>	<b>₹2500 + CERTIFICATE + TROPHY</b>
<b>2ND PLACE</b>	<b>₹1500 + CERTIFICATE</b>
<b>3RD PLACE</b>	<b>CERTIFICATE</b>

# RULES

- Each team must have exactly 4 players (no substitutes after registration)
- Matches will be conducted in Squad Mode - Battle Royale
- Only mobile devices are allowed (emulators are strictly banned)
- No hacks, mods, or third-party tools are allowed
- Entry Fee: ₹200 per team
- Toxic behaviour, abusive language, or unfair play will not be tolerated





## CONTACT US

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zettaabyte.in



All registration are to be  
done through the website.