



*Dayanprasarak Mandal's*

College and Research Centre

Assagao, Bardez, Goa

*Inspiring, Igniting and Transforming to Excel!*

Affiliated to Goa University and Recognized by UGC

Accredited by NAAC with 'A' grade (4th Cycle) with a CGPA of 3.15/4.00

ISO 9001:2015 and ISO 14001:2019 Certified

DEPARTMENT  
OF  
COMPUTER APPLICATIONS

PRESENTS

# TECHNOTRONICS

EMPOWERING THE NEXT GENERATION  
OF  
INNOVATORS!

24<sup>TH</sup> JANUARY 2025

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# ABOUT



**TECHNOTRONICS** is an intercollegiate event hosted by the Department of Computer Application at Dnyanprassarak Mandal's College and Research Centre. More than just a competition, it's a platform where brilliant minds converge, innovative ideas ignite, and the future of technology is forged.

From exhilarating coding marathons to mind-bending design challenges, our events cater to a diverse spectrum of talents. Whether you're a seasoned tech wizard or a budding innovator, **TECHNOTRONICS** offers a space for everyone to shine. But it's not solely about winning; it's about learning, growing, and forging enduring connections.

Our motto, "Empowering the Next Generation of Innovators" encapsulates our unwavering dedication to nurturing the next wave of tech pioneers. We firmly believe in the transformative potential of ideas and the imperative of translating them into tangible realities.



Empowering The Next Generation of Innovators



# **GENERAL RULES**



**A registration fee of Rs 1000/- per team is applicable.**

**Each team must consist of a maximum of 10 participants (excluding Gaming and Hackathon participants).**

**Early bird registrations will receive a 100 point bonus.**

**Valid college ID cards are mandatory for all participants.**

**The winners will receive a cash prize of Rs 10,000.**

**The decisions of the judges will be final and binding.  
Participants must adhere to the established code of conduct. Violation of these rules may result in disqualification.**

**Participants are responsible for their personal belongings.  
The college assumes no liability for any loss or damage.**

**All submissions made by participants will become the property of the college.**

**Each team will be issued one Joker card. The Joker card can be used on one event to double the points for a gold tier or increase the points by 50% for a silver tier.**



**MS. AMRUTHA B**

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**Student Co-ordinator**

**MR. KRISHNARAO RANE**

**+91 9823220336**

**Faculty Co-ordinator**

# SCHEDULE



Time	Lab	Classroom (BF3)	Auditorium
8:30 AM - 9:30 AM			Registrations
9:30 AM - 10:30 AM			Ice Breaker
10:30 AM - 11:30 AM	WebCraft	BrainCache	MemeJam
11:30 AM - 12:30 PM		Code Royale	BrainCache
12:30 PM - 1:30 PM	Data Quest		
1:30 PM - 2:30 PM		System Cooldown	
2:30 PM - 3:30 PM	Animatrix	Breakout Battle	Circuit Couture
3:30 PM - 4:30 PM	Code Royale		
5:00 PM - 5:30 PM			Valedictory

# EVENT TIERS

## GOLD TIER

WebCraft

Ice Breaker

Code Royale

BrainCache

Circuit Couture

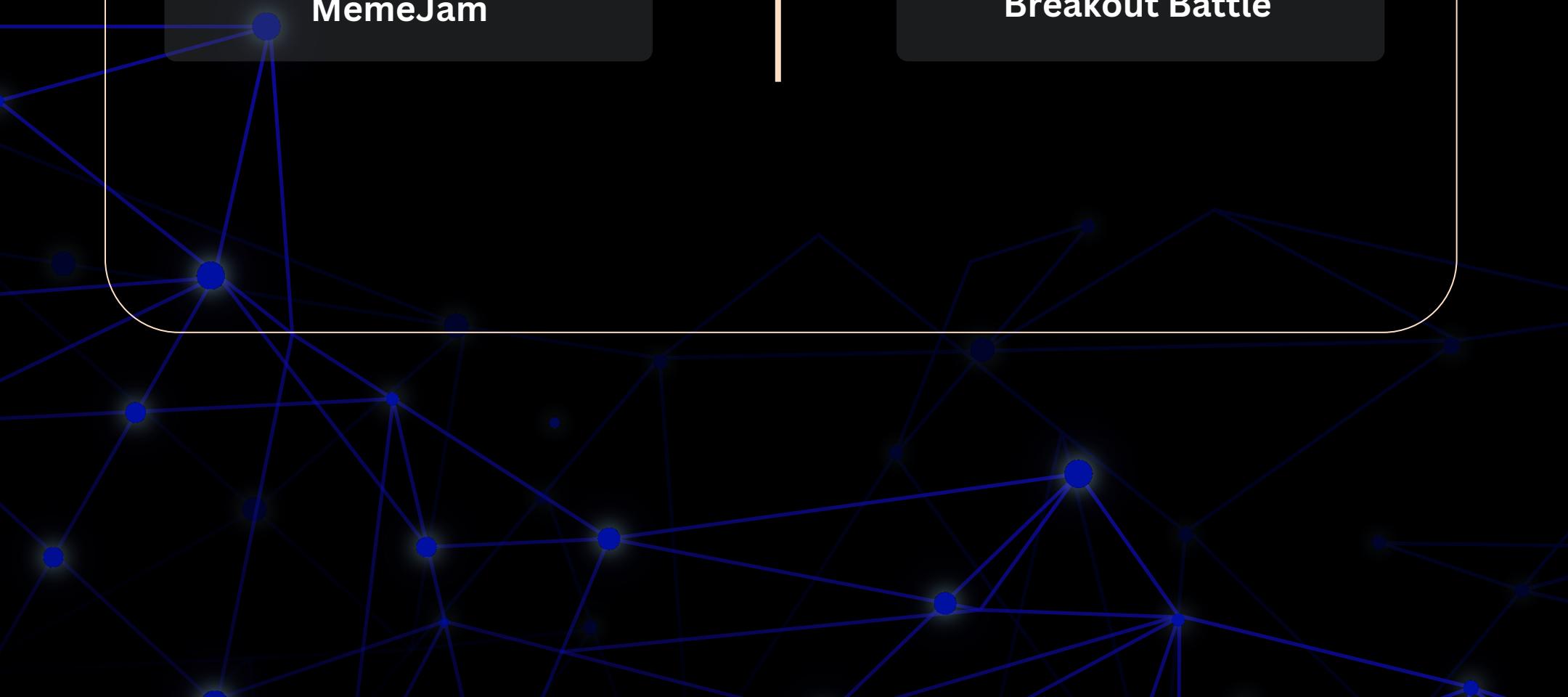
## SILVER TIER

Data Quest

Animatrix

MemeJam

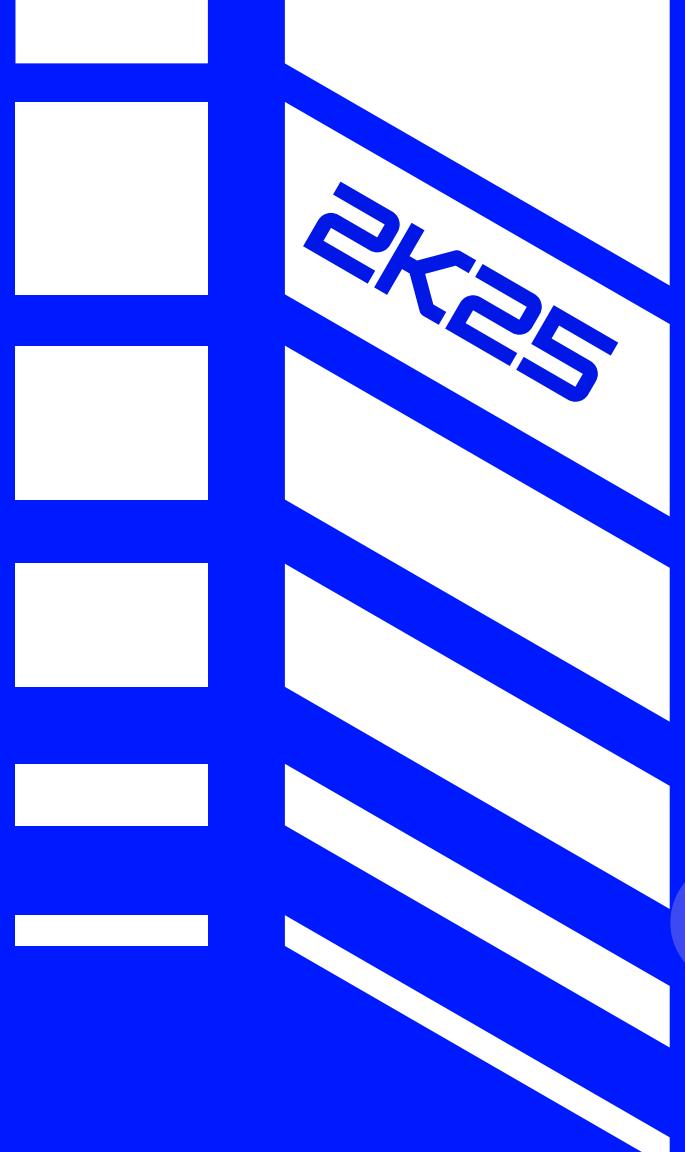
Breakout Battle



**TECHNOTRONICS**

**2K25**

**TECHNICAL  
EVENTS**



# TECHNICAL EVENTS



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# WebCraft

Unleash your inner web developer and designer at WebCraft! This exhilarating challenge invites coding maestros and design virtuosos to craft groundbreaking websites that redefine the digital landscape. From crafting pixel-perfect layouts to orchestrating seamless user journeys, showcase your technical prowess and artistic flair to captivate the tech world.



## Rules

- A specific theme or topic will be announced at the start of the competition.
- Participants must complete their website design and development within the designated timeframe.
- Teams can leverage any web development tools, frameworks, and programming languages of their choice.
- The use of the internet and AI is strictly prohibited during the competition.

## Judging Criteria

- The visual appeal and overall look and feel of the website.
- The ease of navigation, intuitiveness, and overall user satisfaction.
- Unique design ideas, innovative features, and out-of-the-box thinking.
- The website's ability to perform its intended functions seamlessly.
- The website's adaptability to different screen sizes and devices.
- How well the website aligns with the given theme or topic.

### Co-ordinators

RUDRESH R. GAONKAR

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# Code Royale

Calling all coders! Put your skills to the test in our epic coding challenge! This is your chance to battle it out and showcase your programming prowess against some of the brightest minds in the college.



## Rules

- The competition will center around coding and debugging skills.
- Debugging Round (Round 1): Participants will be provided with programs to identify and fix errors.
- Coding Round (Round 2): Participants will solve a set of problem statements. Challenges will focus on fundamental programming problems, allowing participants to demonstrate their programming skills through foundational problem-solving.
- Participants will have a specific time frame to complete the given list of challenges in each round.
- The use of the Internet is strictly prohibited.



# Code Royale



## Judging Criteria

- Accuracy of the output.
- Code readability.
- Time taken to complete the tasks.

**Co-ordinator**

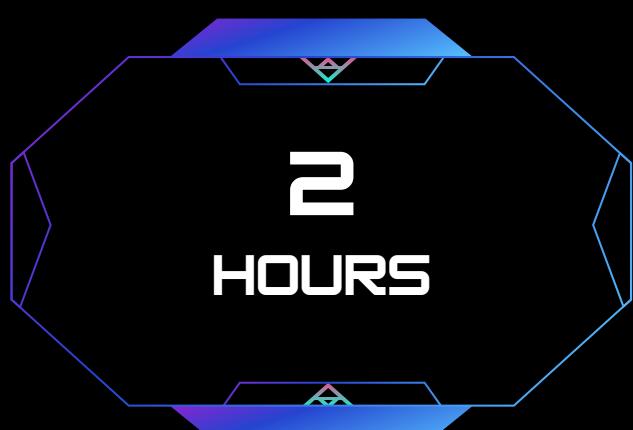
RITESH GAWDE

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# BrainCache

Are you ready to test your wits and prove you're the ultimate trivia master? Join our Quiz Quest and go head-to-head with some of the sharpest minds on campus! This is your chance to showcase your brainpower, outsmart your peers, and claim the title of Quiz Champion!.



## Rules

- Use of electronic devices is strictly prohibited.
- In case of a tie in any round, a tie-breaker question or round will be conducted.
- The decision of the event heads will be final and abiding.
- Quiz will consist of 4 rounds.
- Round 1: Elimination
- Round 2: Pass n Play
- Round 3: Visual Quiz
- Round 4: The Buzzer Battle
- Detailed explanation and rules for each round will be provided during the competition.

### Co-ordinator

AMRUTHA B  
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# Data Quest

Ready to dive deep into the world of databases? Join us for a hands-on challenge where you'll tackle real-world scenarios, write complex queries, and debug intricate database problems. Whether you're a seasoned pro or just starting your database journey, this event is your chance to test your skills and learn from experts in the field.



## Rules

- Participants will be provided with a case study detailing a business or organizational scenario. Based on this, they will design a database schema, implement it, and execute a set of MySQL queries to retrieve and manipulate data.
- Participants must write SQL queries using MySQL syntax. The competition environment, including the necessary database systems and a platform for query execution, will be provided.
- Plagiarism, use of external tools or any form of cheating will lead to disqualification.

## Judging Criteria

- Database Design.
- Presentation & Explanation.
- SQL Query Execution

### Co-ordinators

CAJETAN FERNANDES

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ADITYA D. GAONKAR

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# Animatrix

Dive into the realm of animation with Animatrix! Teams will bring their creative visions to life by crafting captivating 2D animations using a blend of traditional and modern techniques.



## Rules

- Teams must create a 2D animated short clip (90s to 120s) within the specified time limit.
- Designated software for animation: Pencil 2D, Synfig Studio, and Macromedia Flash.
- GIMP is the designated software for photo editing and image manipulation.
- Originality, creativity, and technical skill will be evaluated.
- All the resources and assets to be used for creating the animation will be provided.



## Judging Criteria

- Storytelling and Creativity
- Animation Quality
- Technical Proficiency
- Sound Design and Music

**Co-ordinator**

**NIRAJ PASWAN**

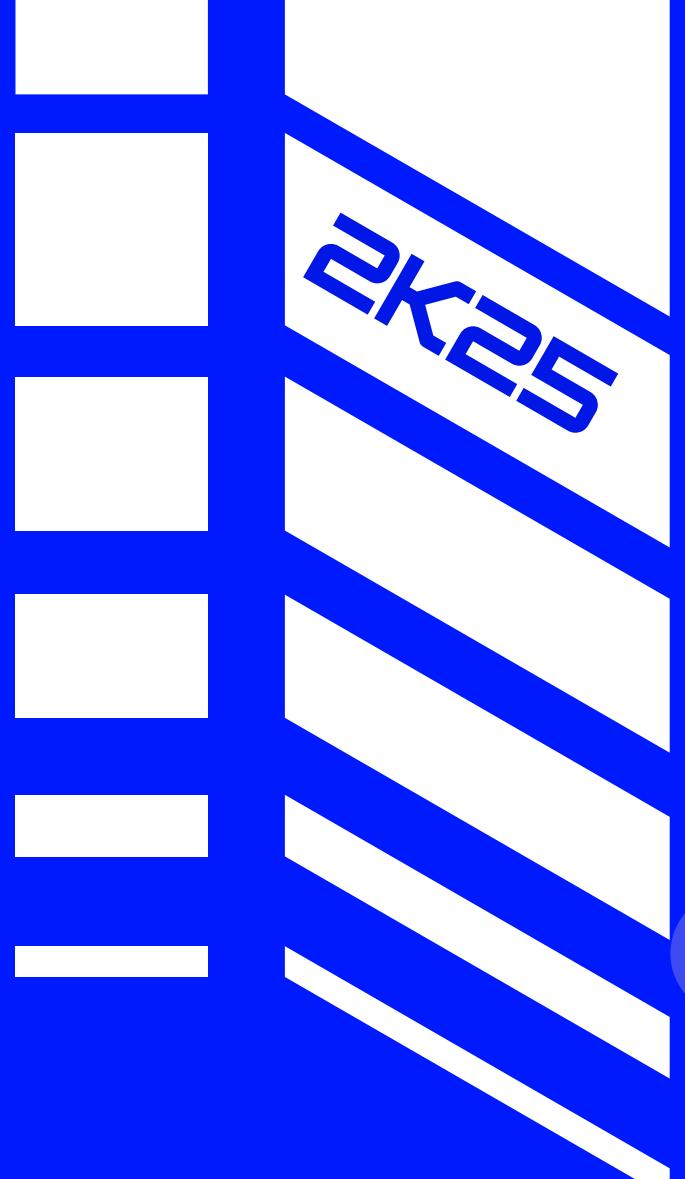
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**NON -  
TECHNICAL  
EVENTS**



# NON-TECHNICAL EVENTS



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# Ice Breaker

Get ready to be amazed as teams unleash their creativity in the Ice Breaker Challenge. Each team will craft a captivating video, introducing themselves. With dynamic editing, stunning visuals, and engaging storytelling, these teams will leave a lasting impression.



## Rules

- Create a 2-3 minute video introducing your team.
- Ensure all team members are featured in the video, highlighting their individual roles in the event.
- Clearly mention your team's name in the video.
- Save your video as 'TeamName\_Icebreaker'.
- The video must be submitted to the designated event in-charge via the provided email address by January 23, 2025.
- Email : bca.technotronics@dmscollege.ac.in
- Late submissions will not be accepted.



## Ice Breaker



# Judging Criteria

- Creativity.
- Editing skills.
- Overall impact

**Co-ordinator**

**RAVI CHAUHAN**

**+91 7758943614**



# MemeJam

Get ready to unleash your creativity! Join the Meme Battle and show off your funniest, most clever memes. Let the laughs begin!.



## Theme

Frustration and humor of debugging code

## Rules

- No obscenity, no offensive/dark humor memes.
- Each participant should submit only one meme.
- Image cannot contain any watermark.
- The meme should be of your own, the participant can use the existing meme templates or if it is sourced from outside it should not have any copyright restrictions.
- Submissions have to be given in .JPG, .PNG , .PDF, .GIF or .MP4 format to the student event incharge on or before the event deadline.
- The participants must send their meme on the provided email given below in the following Email format: Email Subject: [college name] Email Body: [Include your team name, event name, and your meme file.].
- Email : bca.technotronics@dmscollege.ac.in
- Late submissions will not be accepted.

## Judging Criteria

- Creativity.
- Humor.
- Relevance to the theme.

**Co-ordinator**

**MAYURESH KURLAPKAR**

**+91 8605604859**





# Breakout Battle

Enter the realm of Breakout Battle, where teams face off in a race against time to decipher intricate puzzles, unlock hidden compartments, and conquer the escape room challenge.



## Rules

- Participants will be given a specific time limit to escape the room.
- Participants must solve a series of puzzles and challenges to unlock hidden compartments and ultimately escape the room.
- The first team to successfully escape the room within the time limit is declared the winner.
- Any form of cheating or external assistance is strictly prohibited.

### Co-ordinator

ARMAN SHAIKH

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# Circuit Couture

Circuit Couture: Where fashion meets the digital age. Witness a breathtaking showcase of cutting-edge designs that seamlessly integrate technology and wearable art.



## Theme

**Innovations Unveiled: A Journey Through Technology**  
This theme highlights the transformative milestones in technology.

## Rules

- Entries deviating from the theme will be disqualified.
- Time Limit: Each team will have a maximum of 6 minutes on the runway. This includes any poses or performances.
- Tech Integration : While integrating technology (e.g., lights, movement, or interactive elements) is encouraged, it should not interfere with the smooth flow of the show or pose a technical hazard.
- Audio submission : The teams should submit their audios to the student coordinator in MP3 format .

## Judging Criteria

- Theme Relevance
- Creativity and Originality
- Presentation and Confidence
- Innovation Factor
- Overall Impact

**Co-ordinator**

**ADITI MANJREKAR**

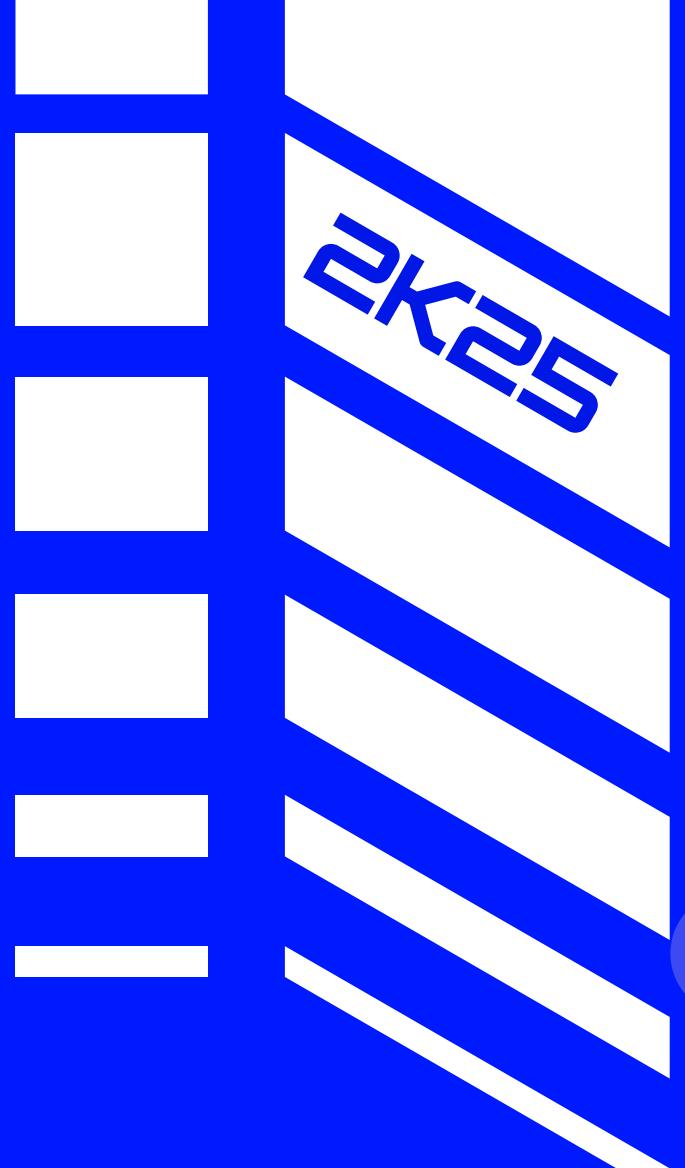
**+91 7066456502**



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**HACKATHON**





# Hackathon

Put your skills to the test in this 24-hour hackathon where innovation meets creativity. Showcase your ideas, collaborate with fellow participants, and compete for exciting prizes.

**Date: January 24th - 25th, 2025**

## Gameplay

- This competition will consist of a 24-hour 10am 24Jan to 10am 25Jan, single-round event.
- Participants will be provided with one problem statement.
- Each team must create a GitHub repository with the team name as the repository name.
- Winners will be awarded a prize money of 5000/-

## Rules

- Participants can participate in teams of a minimum of 2 and a maximum of 3 members.
- Participants must be Bonafide UG/PG students.
- Participants are free to use any Tech stack they want.
- Teams must adhere to the provided problem statement and create solutions accordingly.
- Any form of plagiarism or pre-developed solutions will lead to immediate disqualification.
- Use of open-source libraries is allowed but must be credited properly.
- Submissions must include a working prototype, presentation (audio/video ppt or a demo video), and code repository link.
- Teams are responsible for maintaining backups of their work during the hackathon.
- Judges' decisions will be final and binding.





# Judging Criteria

- Innovation (30%): Originality and uniqueness of the solution.
- Feasibility (25%): Practicality and scalability of the solution.
- Technical Implementation (25%): Quality and complexity of the prototype.
- Presentation (20%): Clarity and effectiveness in conveying the solution.



**Co-ordinator**

**TANISH SALGAONKAR**

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TECHNOTRONICS

# GAMING EVENTS

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# GAME GENERAL RULES



- **Registration :**
  - **Online Registration:** Register through our website or by scanning the QR code provided.
  - **Offline Registration:** If you miss the online deadline, you can register offline at the designated registration desk.
- **Event Venue:** All gaming events will take place in the BF2 classroom.
- **College ID is mandatory.**
- **Winners of each game will be awarded cash prizes.**
- **Registration will be on a first-come, first-served basis. Once the maximum capacity for a game is reached, registration will be closed.** The organizers' decision regarding
- **participant eligibility and game rules will be final.**
- **A participant's belongings are their responsibility; the college is not liable for any losses.**
- **Participants are responsible for handling gaming consoles and controllers with care.**
- **Any damage to equipment caused by a team will be the team's responsibility, and they will be liable for the repair or replacement costs.**
- **All participants must adhere to the rules of fair play and sportsmanship. Maintain a positive and respectful attitude towards fellow players, organizers, and staff. Any form of cheating, including using unauthorized software or hardware, will result in immediate disqualification.**

GAGANDEEP SINGH

+91 9834402736

Co-ordinator

# BGMI

A thrilling third-person shooter experience. Compete with others in an intense battle.

- Date : January 24, 2025.
- Game Mode : Battle Royale
- Registration Fee : ₹ 400



Scan/Tap the QR code  
to register for this event.

[Register](#)

## Co-ordinators

ASUTOSH SHETKAR

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# FIFA

Show off your soccer skills in this competitive football simulation game.

- Date : January 24, 2025.
- Game Mode : 1v1
- Registration Fee : ₹ 100



Scan/Tap the QR code  
to register for this event.

[Register](#)

## Co-ordinator

ARSHAD KHAN

+91 7447374429



# Social Media & Registration



[technotronics bca](#)



[bca.technotronics@dmscollege.ac.in](mailto:bca.technotronics@dmscollege.ac.in)



CLick



<http://dmscollege.ac.in/technotronics-2025/>



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HACKATHON

[Register](#)



CLick



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