



Fr. Conceicao Rodrigues College of Engineering  
(Autonomous Institute Affiliated To Mumbai University)



PRESENTS

# CRESCENDO 2K25

*WHERE INNOVATION MEETS TECHNOLOGY*



**9TH TO 12TH OCTOBER**



# ABOUT US

Fr. Conceicao Rodrigues College of Engineering (FR.CRCE) is a top private autonomous engineering institution in Mumbai, emphasizing innovation, comprehensive education, and the latest tech trends in a holistic environment. Under NEP 2020, it will launch its own curriculum this year. Accredited with an "A" grade by NAAC and NBA for its Computer Engineering department, FR.CRCE fosters practical learning, with students excelling in hackathons and competitions. Its prime location and industry ties provide a blend of academic rigor and real-world exposure for engineering success.



# STUDENTS' COUNCIL

The Student Council at Fr. Conceicao Rodrigues College of Engineering (Fr. CRCE) is the hub of student activity on campus. With a team of dedicated representatives, the council organizes events, facilitates communication with the administration, and fosters a strong sense of community. By hosting a variety of activities, from workshops to festivals, the Student Council creates a vibrant and inclusive college experience, playing a key role in shaping the culture at Fr. CRCE.



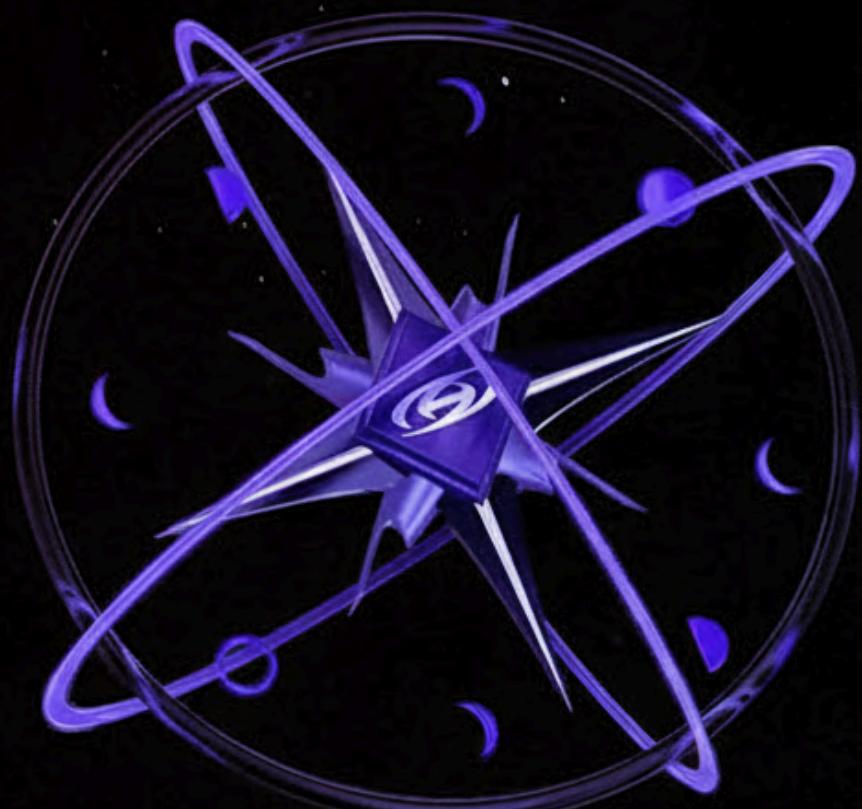
# ABOUT CRESCENDO

Fr. Conceicao Rodrigues College of Engineering presents its annual Inter-Collegiate Technical Festival, CRESCENDO 2025. This festival offers a dynamic platform for students to showcase their skills and originality through innovative tasks and events, including three flagship competitions: the International Hackathon, Hardware & Simulation Hackathon, and Intercollegiate RoboWars Competition. Building on the success of previous years, CRESCENDO 2025 features 13 additional events organized by technical and non-technical councils, alongside two eSports events: PC Valorant and Mobile BGMI.

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# OUR FLAGSHIP EVENTS





Fr. Conceicao Rodrigues College of Engineering  
(Autonomous Institute Affiliated To Mumbai University)

INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of Education Initiative)  
Fr-CRCE



Presents

10/10/2025

2.0

# ROBO RIFT



STEEL MEETS SKILL  
ONLY THE STRONGEST SURVIVE!



# ABOUT ROBORIFT

Brace yourself for RoboRift 2.0, the ultimate technological showdown at CRESCENDO 2025, where innovation collides with adrenaline in a high-octane clash that brings engineering dreams to life. Witness custom-built robots battle it out in the most epic high-stakes arena of the year, demonstrating extraordinary engineering skills, cutting-edge design, and strategic ingenuity as teams pit brains against brawn to outsmart their opponents. As sparks fly and excitement builds, these mechanical marvels go head-to-head in a captivating display of power, precision, and fierce rivalries—expect electrifying moments and unforgettable battles.

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[Rules](#)[Register](#)



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INSTITUTION'S  
INNOVATION  
COUNCIL  
(Innovation Education Initiative)  
Fr-CRCE



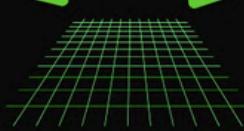
# SYNERGY

12<sup>TH</sup> OCTOBER



25  
>>>

Are you ready to turn ideas into machines?  
Join us for a 12-hour challenge where engineers, tinkerers, and creators come together to prototype groundbreaking



12 - HOUR



SIMULATION HACKATHON



# ABOUT SYNERGY

Fr. Conceição Rodrigues College of Engineering, Mumbai, invites you to Synergy—where innovation drives sustainability.

In this 12-hour challenge, redefine eco-friendly product design via virtual hardware simulations (Arduino, ESP32, Raspberry Pi, FPGA) using tools like Tinkercad, Proteus, ModelSim, or Vivado. Prototype energy-efficient, low-waste solutions with renewable integration—no physical resources needed.

Simulate CAD models with Multibody Dynamics, Motion Analysis, FEA, or CFD to optimize sustainable mechanical innovations. Gear up to create standout virtual blueprints for a greener future!

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[\*\*Rules\*\*](#)[\*\*Register\*\*](#)



# GENERAL RULES

- **Identification and Security:** Carry your college ID card at all times on campus; submit to frisking at entry and anytime during the event, ensuring no forbidden items are carried.
- **Attendance and Punctuality:** Remain on campus for the entire event duration; adhere strictly to the schedule and arrive at venues on time to prevent disruptions.
- **Professionalism and Orderly Conduct:** Be polite and respectful to staff, organizers, and participants; avoid any activities that disrupt the event's order or discipline, inside or outside the institute.



# GENERAL RULES

- **Cleanliness and Property Care:** Maintain campus neatness by prohibiting littering; refrain from vandalism or damage to property such as desks, walls, or bulletin boards, and use premises only as authorized to avoid disciplinary action.
- **Judges' Decision:** The decisions of the judges and Crescendo managing committee on qualifications and final results are final and binding, with announcements made after all presentations are reviewed.
- **Additional Rules:** Comply with any further rules declared on the event day by organizers.



# CRCE ESPORTS SEASON - 1





**Students' Council of Fr. CRCE**

in collaboration with TEDx CRCE

**TEDx CRCE**



► TOTAL PRIZEPOOL ►

**10,000 INR**

**REGISTRATION OPEN!**



**LIVE ACTION 10TH OCTOBER**



Students' Council of Fr. CRCE

in collaboration with TEDx CRCE

TEDx CRCE



► TOTAL PRIZEPOOL ◄

10,000 INR

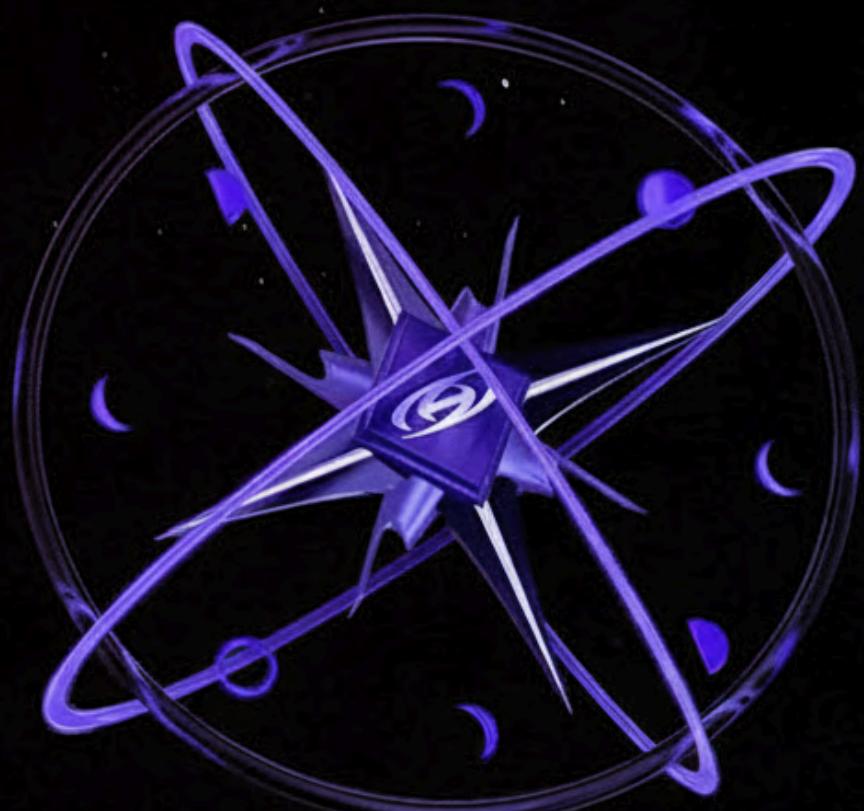
REGISTRATION OPEN!



► LIVE ACTION 9<sup>TH</sup> & 11<sup>TH</sup> OCTOBER ◄



# COUNCIL EVENTS





## Google Developer Student Clubs

Fr. Conceicao Rodrigues College Of Engineering

# What If Ventures

What if Ventures challenges participants to rethink the trajectory of assigned startups, craft original strategies, respond to curveballs, and pitch compelling blueprints for alternate business growth. Participants will adapt to real startup challenges in a dynamic, skills-driven environment focused on creativity, feasibility, and clear communication.

[Rules](#)

[Register](#)



# Formula Unicorn

Formula Unicorn is a startup-themed event where teams get ₹100 Cr virtual money, bid for 2-4 companies, and merge them to create a unique business idea + prototype. Judged on creativity, practicality, and customer value, the event rewards smart bidding and innovative thinking.

[Rules](#)[Register](#)



# MechaMania 2.0

MechaMania 2.0 is designed to spark creativity, teamwork, and problem-solving by blending core mechanical engineering concepts with modern twists. Across two action-packed days, participants will dive into mind-bending quizzes, high-energy relay challenges, strategy games, and hands-on design tasks.

[Rules](#)[Register](#)



# Watt's Next

Watt's Next is a two-day hardware design competition featuring a quiz, an auction-style bidding round, rapid prototyping, and final presentations to judges. The format tests technical knowledge, strategy, resource management, hands-on building, and communication through structured phases across two days starting 9 of October.

[Rules](#)[Register](#)



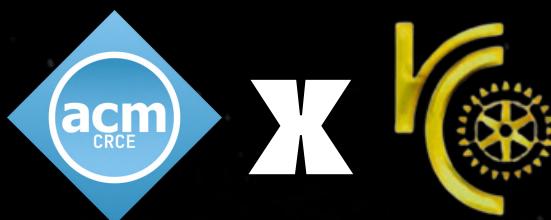
MOZILLA CAMPUS  
CLUB CRCE

# CodeCraft '25

CodeCraft is a 6-hour coding hackathon under the Mozilla Council, designed to test participants' web development, AI/ML integration, and problem-solving skills. Teams will build a project from scratch within the given timeframe, showcasing creativity, technical knowledge, and real-world applicability.

[Rules](#)

[Register](#)



# Shark Tank

Shark Tank is a 2-day entrepreneurial showdown where innovative minds from our college and beyond come together to pitch their ideas, secure investments, and showcase their business acumen.

With 40 teams, the event is designed to sharpen entrepreneurial thinking, test negotiation skills, and reward the most creative ventures.

[Rules](#)[Register](#)



## PROJECT CELL

# Hack into P-Cell

Form teams of three and embark on a treasure hunt that leads you through a series of cryptic challenges.

Each discovered clue unlocks a new digital puzzle, ranging from deciphering codes to uncovering hidden information. This isn't a full-blown CTF, but a more accessible version designed to test your problem-solving skills and teamwork in a fun and engaging way. Get ready to "Hack Into PCell" and claim your victory!

[Rules](#)[Register](#)



# RoboThon

Robothon is a thrilling robo race event featuring challenging tracks filled with sharp curves, steep up-and-down roads, and tricky obstacles. Participants must navigate their robots skillfully through all checkpoints, and the one who clears the track in the shortest time emerges as the winner. It's a test of speed, precision, and engineering brilliance!

[Rules](#)[Register](#)



# Digital Decode

Digital Decode, an online puzzle event by CSI-CRCE

Students' Council, mixes virtual exploration and coding. Round 1: Hunt hidden letters in 360° photos, unscramble into a word, submit with timed retries.

Round 2: Decode phrases from JSON APIs via JS console.log/return statements for points.

[Rules](#)[Register](#)



# Simulate Life on Mars

The Crescendo - CRCE Rocket Team is organizing “Simulate Life on Mars”, a Mars-themed innovation and entrepreneurship challenge aimed at designing sustainable solutions for human life on Mars.

[Rules](#)[Register](#)



# Cartographer's Quest

Join Cartographer's Quest, a creative challenge to design immersive 3D game maps in Blender inspired by the given theme, enhanced with intuitive UI/UX interfaces crafted in tools like Photoshop or Figma. Use the GDA-provided asset pack to build your vision.

[Rules](#)[Register](#)



# CodeStorm

## Escape Room

The event is a thrilling two-round competitive challenge testing coding, problem-solving, debugging, and logical reasoning skills through algorithmic thinking and interactive puzzles. Tackle intricate problem-solving prompts and complex code-debugging puzzles, along with advanced algorithmic challenges. Later stages immerse survivors in an Escape Room, where teams collaborate on digital and physical tasks to solve logic puzzles and escape fastest for victory.

[Rules](#)[Register](#)



# UNO - EndGame()

UNO - Endgame() is a thrilling tech-infused UNO tournament where players ditch cards while tackling electronics quiz questions on special Tech Cards to unleash game-changing effects like system crashes or hand swaps. It's exciting for engineering students-blending fast-paced strategy, brainy challenges, and high-stakes eliminations across year-wise rounds.

[Rules](#)[Register](#)



# CONTACT US

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