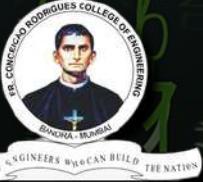




**Students' Council**



**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of Education Initiative)

**CRESCENDO**

**MATRIX**

**The Technical Realm  
of Glitches**

# ABOUT OUR COLLEGE



**Fr. Conceicao Rodrigues College of Engineering (Fr.CRCE) is a highly reputable and distinguished private engineering college located in the heart of Mumbai. The institution appears to be dedicated to providing a quality education to its students and keeping up with the latest trends in technology.**

**It is also interesting to note that the college is part of a larger technical complex that began with an orphanage and trade school in carpentry. This history suggests that the institution has a strong commitment to social responsibility and community development, which is a valuable aspect of any educational institution.**

# CRESCENDO



**Fr. CRCE was established in 1984 as part of Fr. Agnel Technical Complex at Bandra, Mumbai by the Society of St. Francis Xavier Pillar, and is named after its founder, the late Rev. Fr. Conceicao Rodrigues. The college is affiliated with the University of Mumbai and has acquired a good reputation among corporate and peer academic institutions for its academic standards.**

**Fr. Conceicao Rodrigues College of Engineering presents its annual Inter-Collegiate Technical Festival, CRESCENDO 2024, which provides a platform for all students to showcase their skills and originality by participating in innovative tasks and events throughout the festival. This year's festival includes some of our most popular events from last year, as well as some new challenges.**

# SENIOR COUNCIL 2K24



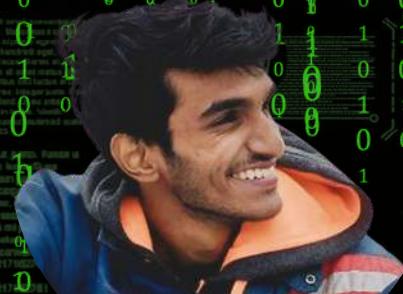
**ANTHONY BENNO**

**PRESIDENT**



**CHRIS GRACIAS**

**GENERAL SECRETARY**



**VIGNESH KOMBATHULA**

**TECHNICAL SECRETARY**



**CULTURAL SECRETARY**

**MUGDHA ZOPE**



**BOYS SORTS SECRETARY**

**LEROY PEREIRA**



**EDEN CHARLES**

**GIRLS SORTS SECRETARY**



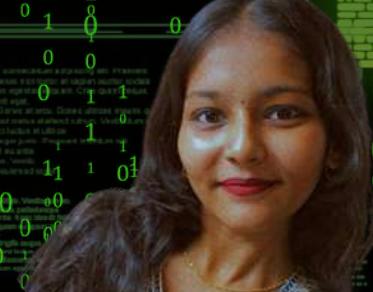
**EDITORIAL SECRETARY**

**RIYA JAISON**



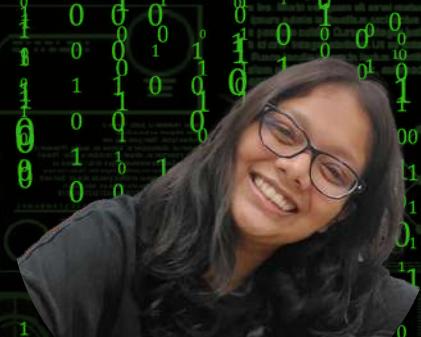
**PR HEAD**

**GRACE ANTONY**

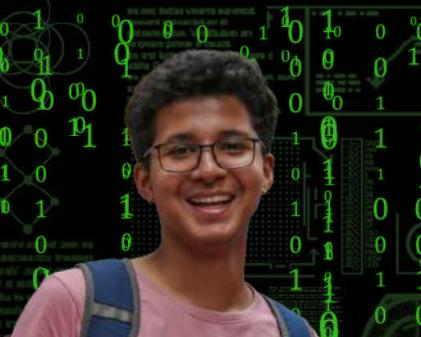


**DESIGN HEAD**

**SHREYA KATKAR**



**MARKETING HEAD**



**TREASURER**

# JUNIOR COUNCIL 2K24



**MAX VARGHESE**  
SE REPRESENTATIVE



**ALLISON DANIEL**  
SE REPRESENTATIVE



**ERAM SAIYED**  
SE REPRESENTATIVE



**JAYDEN COLACO**  
SE REPRESENTATIVE



**REUBEN FERNANDES**  
SE REPRESENTATIVE



**FAYOLA MENEZES**  
SE REPRESENTATIVE



**CALIX GONSALVES**  
SE REPRESENTATIVE



**SAMUEL ROY**  
DOC-IN-CHARGE



**DURGESH YEWALE**  
DOC-IN-CHARGE



**HARSH VISHWAKARMA**  
WEBMASTER



**JOSHUA DMELLO**  
WEBMASTER



**JUVANA DSOUZA**  
ASST DESIGN IN-CHARGE



**LARISSA MARTIS**  
ASST DESIGN IN-CHARGE

# OUR FLAGSHIP EVENTS 20-21 FEB

20

21

FEB



# HACKaThon

**Mode:** offline  
**Registration fee:** None  
**Date:** 20th and 21st Feb.

**Prize Money**  
**Winner:** 12,000/-  
**Runner up:** 6000/-

A 24hr Hack-a-thon offers a dynamic platform for teams to delve into intricate coding challenges, algorithmic problem-solving, and software development, tackling real-world technological issues. Participants showcase their mastery in harmonizing creativity and technical skill. Hack-a-thon inspires teams to push boundaries in the realm of programming, encouraging collaborative efforts for groundbreaking solutions and advancements in the tech domain.

**REGISTER NOW**





# ELEX-a-THON

**Mode: Offline**

**Registration fee: None**

**Date: 20th and 21st Feb.**

**Prize Money**

**Winner: 12,000/-**

**Runner up: 5,500/-**

"Elex-a-thon provides a platform for teams to explore complex circuit design, microcontroller programming, and system optimization, addressing precise technological challenges. Participants demonstrate their expertise in seamlessly integrating hardware and software. Emphasizing innovation and technical excellence, Elex-a-thon motivates teams to exceed conventional limits in electronic engineering, fostering collaboration for pioneering solutions and advancements in the field."

**REGISTER NOW**





**Mode: offline**

**Registration fee: None**

**Date: 20th and 21st Feb**

**Prize Money**

**Winner: 12,000/-**

**Runner up: 5,500/-**

**Gear up for Mechathon, participants dive into a 24-hour mechanical marathon, collaborating to engineer inventive solutions to real-world problems. From refining industrial processes to addressing societal needs, teams showcase their technical prowess and creative ingenuity, pushing the boundaries of mechanical engineering to new heights.**

**REGISTER NOW**





# ROBO SUMO



**Prepare for the technological showdown of the year at RoboSumo. In this thrilling event, witness custom-built robots engage in an intense battle, showcasing their engineering prowess. The arena will be ablaze with sparks as these mechanical marvels go head-to-head, pushing the boundaries of technology and strategy.**

**Mode: offline**

**Registration fee: 150**

**Date: 23rd Feb**

**Prize Money**

**Winner: 7,000/-**

**Runner up: 3000/-**

**REGISTER NOW >**

**RULES >**

# COUNCIL EVENTS

22-23 FEB

IEEE Women in Engineering  
*Wie*

# PEER PONG

## Tournament



**Peer Pong is played on a rectangular table with ten cups arranged in a pyramid at end of table. Each teams of 3 members takes turns throwing a ping pong ball across the table, aiming to land it in the cups placed at the opposite end of the table which contains beginner level technical questions or activities. When a ball lands, the chosen team member must answer the technical questions or perform the activity.**

**Registration amount: Rs 120 per team**

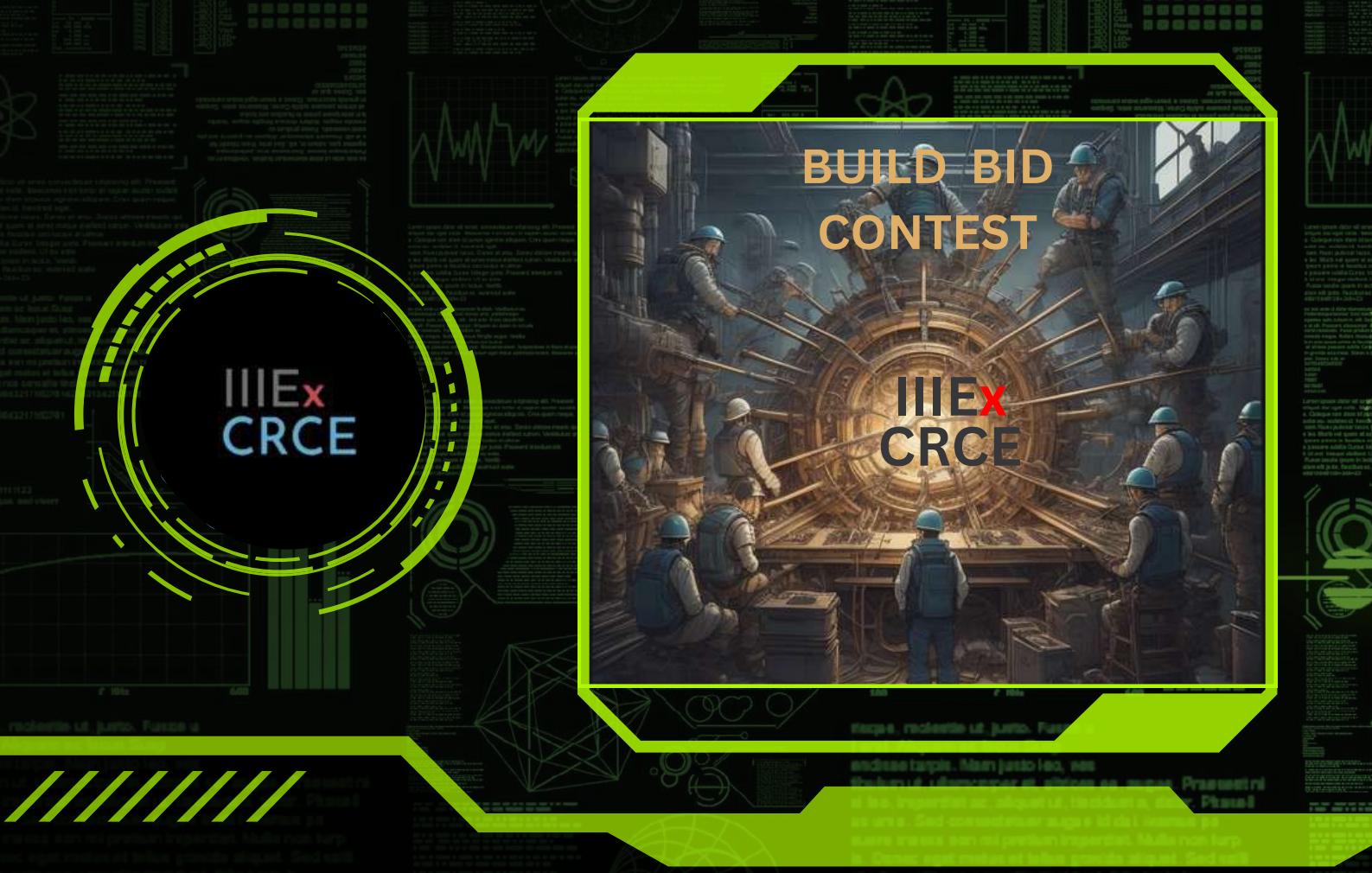
**Prize money:**

**First Place: Rs 1000**

**Second place: Rs 600**

**Register**

**Rules**



# IIEx CRCE

## BUILD BID CONTEST



# IIEx CRCE

### ROUND 1:

This round will be the "TRIVIA" round; in this round the participating teams will be asked some general trivia questions and depending on the answers each team will be assigned some points. These points will be a useful criterion in the next round.

### ROUND 2:

This round will be the "AUCTION" round in this round base fake currency amount will be provided to all teams. Also, depending on the points the participating teams got in the trivia round, the teams will be provided with some bonus fake currency amount. After this the participants will be able to view the materials that will be up for the auction and plan what to bid on. The participants will then be given the requirements of the build they will be building on the next day before the bidding starts. After which the auction will take place.

### ROUND 3:

This is the final round that is the "BUILD" round. This round will take place on the next day and the participants will now be able to make something innovative from the materials they bid on yesterday. The build should be such that it fulfils the requirements stated on the day before. This build will then be subjected to a challenge and depending on the points it scores in the challenge the winners will be decided.

**Registration amount: Rs 120 per team**

**First Place: Rs 1000**

**Second place: Rs 600**



## Register



## Rules



# FORMULA UNICORN

20 FEB 2024



nec facilisis ut justo. Fusce ut  
Aliquam ac laicus Sump  
tempis. Maen justo leo, non  
ut, ullamcorper et, sceleris et, sagas. Praesent n

lauges, molestie ut justo. Fusce ut  
tempis. Aliquam ac laicus Sump

tempis. Aliquam ac laicus Sump  
tempis. Maen justo leo, non  
ut, ullamcorper et, sceleris et, sagas. Praesent n

We have curated a list of renowned companies/organizations to choose from to build the dream product you desire. A team can utilize the businesses, current assets, and brand value of the company to devise a new product out of it. But the companies indeed come at a cost. Compete by bidding for the company of your choice in an auction and experience the thrill of adapting to uncertainty. Qualified teams will then present their vision of utilizing the companies they bought and the best team wins.

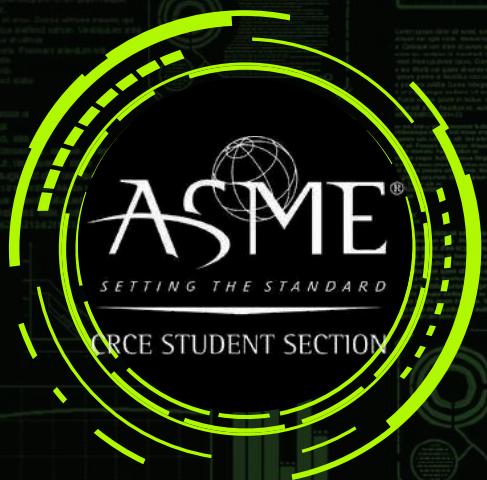
**Registration amount: Rs 95 per team**

**First Place: Rs 1000**

**Second place: Rs 600**

**Register**

**Rules**



ASME®  
SETTING THE STANDARD  
CRCE STUDENT SECTION



# TECH TRIATHLON



CAR FOOTBALL



Get ready for an epic trifecta of excitement! Start with high-speed kicks and unforgettable moments on the car football pitch. Then, unlock the mystery of gear combinations in our thrilling challenge – trust your instincts and revel in the thrill of foreseeing the gears. Next up, navigate the electrifying twists and turns of the buzz-wire game, testing your skill and precision. Can you conquer it without a buzz? Find out and join the electrifying fun!

Finally, dive into the ultimate Bridge builder, where tools meet puzzles and hands-on excitement takes center stage. Who will master the art of bridge building first? Grab your gear, kick off the games, and let the adventure begin!

**Registration amount: Rs 120 per team**

**First Place: Rs 1000**

**Second place: Rs 600**

**Register**

**Rules**



## Welcome to the thrilling PixelEase Challenge!

1. Embark on a creative journey as you randomly pick an assigned problem statement from a chit. Showcasing your skills, craft a captivating web page design based on the given statement, all within a tight 60-minute timeframe! Engage in a coding sprint, bringing your projects to life based on the assigned problem statement.

2. Share your completed projects by uploading them to GitHub. Our expert panel will assess each creation, considering criteria like Innovation, Creativity, Originality, Structure, and Interactivity.

Who will emerge as the PixelEase Champion, pushing the boundaries of web design in this exhilarating sprint? Brace yourself for a design experience where every second counts, and creativity knows no bounds!

**Registration amount: Rs 70 per team**

**First Place: Rs 1000**

**Second place: Rs 600**

**Register**

**Rules**



**Participants will have to work towards solving a set of problem statements with the lowest possible characters and execution runtime for each problem statement. Participants need to choose the most optimal approach to minimize both the number of characters and the execution time.**

**Registration amount: Rs 35 per person**

**First Place: Rs 1000**

**Second place: Rs 600**

**Register**

**Rules**



MAVERICKS UAS PRESENTS

# DRONE WIZ KNOWLEDGE JAM



1st Prize  
Rs.1000



2nd Prize  
Rs.600

Master the  
basics

Decode the drone  
dynamics

Ingenuity  
Unlocked

CRESCEDO 2024

## PHASES

### Round 1: Easy-Level MCQs (40 mins)

- There will be 10 easy-level Multiple Choice Questions (MCQs) with 4 options each.
- Team will have 30 seconds to answer each question. The overall timeline for this round will be 40 minutes.
- If a team provides a wrong answer, a deduction of -5 will be applied. For every correct answer, the marks will be incremented by +10. If a team is unable to answer, the marks will remain unaffected.
- All the teams need to raise the option paddle within the time.
- Maximum of 3 hints allowed for all 10 MCQs.
- 10 mins per slot

**Registration amount: Rs 80 per team**

**First Place: Rs 1000**

**Second place: Rs 600**

**Register**

**Rules**



**Cartographer's Quest is an event in which participants are given to make a 3D map using blender software.**

**Registration amount: Rs 75 per team**  
**First Place: Rs 1000**  
**Second place: Rs 600**

**Register**

**Rules**



Presents

# SHARK TANK

CRCE

**DETAILS**

- Register your product on the ACM CRCE website.
- Participate in the seed funding round.
- Pitch your product in the Final round in front of real investors.
- Registration fee **Rs 120/- per team**

1st - Rs 1000/-

3 - 4 Members

**Participants need to choose a specific domain for developing their product or service, registering it on the ACM CRCE website. Avoiding identical product designs is crucial; if conflicts arise, the second team, according to FCFS, must either modify the product or withdraw from the competition. Participants can review registered designs on the ACM CRCE website to resolve design conflicts. Following registration, participants can seek public confidence through market surveys, using tools like Google Forms. Advertising their product through social media, posters, or banners is encouraged.**

**After the advertisement period, participants must gather survey results and social media interactions for the Seed Funding Round at Fr. CRCE. Faculty members from CRCE and other colleges, along with alumni, will act as investors, trading virtual equity for virtual money. Post the seed funding round, the latest evaluations will be displayed on the ACM CRCE website. On the subsequent day, participants gathered at Fr. CRCE for the final round. Armed with a summary of all previous information and optional PowerPoint presentations, participants pitch their products to the judges. The judge's scores and final evaluation determine the winners.**

**Registration amount: Rs 120 per team**

**First Place: Rs 1000**

**Second place: Rs 600**

**Register**

**Rules**



FR. COENCEIAO RODRIGUES COLLEGE OF ENGINEERING  
FR. AGNEL ASHRAM, BANDRA (WEST)



## AI DEPLOYER

### ART OF BUILDING WITH AI

Tailor your visually captivating website with AI tools like ChatGPT and Bard.

CASH PRIZE FOR WINNERS:

2 Participants per team | Register Now | Rs 60.00



**AI Deployer: Master the art of Frontend Development with AI Tools** is a groundbreaking competition where participants can harness the potential of AI Tools like ChatGPT and BARD to craft quick, innovative and interactive frontend solutions on the spot. Participants will embark on a 1hr 15-minute sprint to design visually captivating, user-friendly, and responsive websites(only Frontend) that seamlessly utilise & capitalise on the rising AI-driven content generation and design ability.

**Registration amount: Rs 60 per team**

**First Place: Rs 1000**

**Second place: Rs 600**

**Register**

**Rules**



IEEE-CRCE  
PRESENTS

# DARE TO RACE

BUILD FAST, RACE FASTER:  
PUSH YOUR LIMIT TO THE  
FINISH LINE.

[REGISTER NOW >>>](#)

3 Member Per Team



View Details

The event, "Dare to Race," is an exhilarating challenge designed to test participants' innovation and engineering skills. It comprises of two integral segments:

**1. Car Construction Phase:**

- All necessary components for the construction process will be provided by the organizers.
- Teams are tasked with crafting a car within a stringent time limit of 2 hours.

**2. Racing Competition:**

- Following the construction phase, teams will engage in a thrilling racing competition.

**Registration amount: Rs 120 per team**

**First Place: Rs 1000**

**Second place: Rs 600**

**Register**

**Rules**



Google Developer Student Clubs  
Fr. Conceicao Rodrigues College of Engineering

# VIRTUAL ESCAPE ROOM

SEARCH, SOLVE, ESCAPE, ENJOY  
A MAZE ESCAPE GAME

WIN EXCITING CASH PRIZES AND GIFT VOUCHERS !

₹50 PER TEAM

Team Size : 2  
Members per Team

NO  
ESCAPE  
THINK. SOLVE. BREAKOUT.

LIMITED SPACE AVAILABLE

REGISTER NOW

Participants engage in a virtual escape room experience with 4 levels. Each successful puzzle solution leads to the next level, and power-ups acquired along the way assist in future challenges.

**Registration amount: Rs 50 per team**  
**First Place: Rs 1000**  
**Second place: Rs 600**

**Register**

**Rules**

# CONTACT US

For any queries, contact

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OUR  
**SOCIAL**  
Accounts



@frcrce official



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<https://stucocrce23.com/>



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Bandra West, Mumbai 400050