Fr. Conceicao Rodrigues College of Engineering
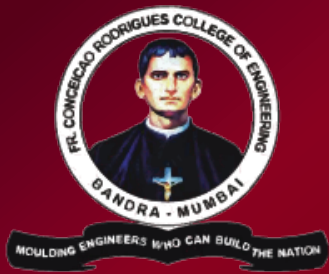
Annual Inter-Collegiate Technical Festival

CRESCENDO
2019

15th and 16th March

https://crescendo.crcestudentcouncil.in

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

Fr. Conceicao Rodrigues College of Engineering (Fr. CRCE) was established in 1984 as part of Fr. Agnel Technical Complex at Bandra, Mumbai by the Society of St. Francis Xavier Pilar and is named after its founder late Rev. Fr. Conceicao Rodrigues. The College is affiliated to 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 brings you its annually celebrated Inter-Collegiate Technical Festival, **CResCEndo 2019**.

It is a platform for all the students to showcase their skills and originality by puzzling over the innovative tasks and events we have throughout the two days. This iteration consists some of our most loved events from last year, and adding some new challenges as well.

— Technical Project Competition —

State-level project presentation competition. This is categorized into two categories: Hardware and Software. The competition is further categorized into two sections, separate for Diploma candidates and Undergraduate candidates.

Registration Fees :
Rs. 200/- (IEEE Members) (For a team)
Rs. 300/- (Others) (For a team)

Prizes :
Cash Prizes worth Rs. 36000/- up for grabs

— Hackathon —

One day Hackathon where teams from all over the city will channel their coding skills to solve problem statements and come up with a working prototype of the solution.

Registration Fees :
Rs. 150/- (For a team of 3)

Prizes :
Winner : Rs. 6000/-
Runner Up: Rs. 4000/-

Participation Certificates will be awarded to everyone

— Idea Competition —

Participants have to use their creativity to develop innovative, cost-effective and practical solutions in term of poster presentations.

Registration Fees :
Rs. 100 per submission (Team of 4)

Prizes :
Winner : Rs. 5000/-
Runner Up: Rs. 3000/-
Second Runner Up: Rs. 2000/-

— Line Follower Bot Competition —

Teams will compete in two rounds where the aim is to complete the course laid out for the bot in the shortest possible time. Ten teams will proceed to Round 2 and compete for the top spot.

Registration Fees :
Rs. 100/- (For a Team of 2)

Prizes :
Winner : Rs. 1000/-
Runner Up: Rs. 700/-

— Code Swapping —

A group of two participants write solutions for 2 problems simultaneously. Each participant writes the program for 30 seconds after which they switch positions with each other.

Registration Fees :
Rs. 40/- (For a Team of 2)

Prizes :
Winner : Rs. 1000/-
Runner Up: Rs. 500/-

— Capture The Flag —

Participants will be provided with a program output and the code for it which will be missing code in certain places or have incorrect syntax. Participants have to find the solution with the given restrictions.

Registration Fees :
Rs. 50/-

Prizes :
Winner : Rs. 2000/-
Runner Up: Rs. 1000/-

— TechnoTalks —

Each team has to find a solution to the given industrial problem using magazines and books that will be provided in the event or access our college library. The team has to make a PowerPoint presentation on their solution which will be judged on their content, presentation skills, creativity, etc.

Registration Fees :
Rs. 30/- (per person) (Team Size: 2-4)

Prizes :
Winner : Rs. 3000/-
Runner Up: Rs. 2000/-

— Re-search the Research —

Participants(individual / group of 3 max) will be allowed to choose research papers on a topic to read and summarize in the form of a PowerPoint presentation (maximum 5 slides).

Registration Fees :
Rs. 20/- (per person)

Prizes :
Winner : Rs. 2000/-
Runner Up: Rs. 1500/-

— Web Master —

Showcase your talent by making creative and unique websites in accordance with the provided problem statement in 1 hour. Only front-end design has to be developed.

Technologies: HTML, CSS, JS, Bootstrap, jQuery.

Registration Fees :
Rs. 50/-

Prizes :
Winner : Rs. 2000/-
Runner Up: Rs. 1000/-

— Linux Master —

Participants will be asked to perform a series of tasks on a Linux-based Operating System and will be graded on speed.

Registration Fees :
Rs. 80/- (Team of 2)

Prizes :
Winner : Rs. 2000/-
Runner Up: Rs. 1000/-

— Circusign —

Participants have to recreate a circuit from memory with the required output from a displayed schematic diagram which will be shown to five teams at a time and then hidden.

Registration Fees :
Rs. 40/- (For a Team of 2)

Prizes :
Winner : Rs. 1000/-
Runner Up: Rs. 500/-

— Blind Coding —

Participants have to write a solution for the given problem statement with the monitor screen turned off. Participant finishing at the lowest time will be the winner.

Registration Fees :
Rs. 30/- (per person)

Prizes :
Winner : Rs. 1500/-
Runner Up : Rs. 1000/-
Second Runner Up : Rs. 500/-

— Suspension Bridge —

The participants have to make a suspended bridge with the given materials provided across a certain distance. Materials will be ice cream sticks, fevicol and thread.

Registration Fees :
Rs. 60/- (Individual)
Rs. 40/- (per person) (Team of 4)

Prizes :
Winner : Rs. 2500/-
Runner Up: Rs. 1500/-

— CAD Wars —

Participants have to design 2D, 3D drawing on CAD software (Solid Works, NX, AutoCAD) within 45 minutes based on the problem statement.

Registration Fees :
Rs. 50/-

Prizes :

(Solid Works / NX)	(AutoCAD)
Winner : Rs. 2500/-	Rs. 1500/-
Runner Up: Rs. 1500/-	Rs. 1000/-

— Paper Planes —

Each participant will be given 3 sheets of paper. And a hand book on different ways of making a paper plane. The participant has to make the most creative and effective paper plane and must clear all the 4 tasks with a single plane.

Registration Fees :
Rs. 20/-

Prizes :
Winner : Rs. 500/-
Runner Up: Rs. 300/-
Second Runner Up: Rs. 200/-

— Fasten The Fastners —

Participants have to fasten the maximum number of nuts, bolts and washers in 1 min.

Registration Fees :
Rs. 20/-

Prizes :
Winner : Rs. 1500/-
Runner Up: Rs. 800/-

— Counter-Strike —

Team LAN gaming competition on Counter-Strike 1.6.

Registration Fees :
Rs. 100/- (Team of 5)

Prizes :
Winner : Rs. 2000/-
Runner Up: Rs. 1000/-

— Image Capture —

An Image from Google will be saved as the final image and the contestants will be provided with small hints in the form of image descriptions. The contestants have to use the browser and the hints provided to find the image.

Registration Fees :
Rs. 20/-

Prizes :
Winner : Rs. 500/-

— Quiz Up —

With a wide horizon of topics from Physics, Chemistry, Circuits, Strength of Materials, Fluid Mechanics, Data Structures, Game of Thrones, Friends, etc. the participants will select the desired topic and try to answer the maximum number of questions rightly in the least time.

Registration Fees :
Rs. 30/-

Prizes :
Winner : Rs. 2000/-
Runner Up: Rs. 1000/-

— Tech Pong —

It's a fun version of Beer Pong and Dumb charades with a technical twist.

Registration Fees :
Rs. 30/- (For a Team of 2)

Prizes :
Winner : Rs. 1000/-
Runner Up: Rs. 500/-

— PUBG Gaming —

Have the chance to strike down your opponents and announce yourself as the sole leaders of this game and grab the Chicken Dinner.

Registration Fees :
Rs. 50/- (Duo)
Rs. 100/- (Squad)

Prizes :
Duo : Rs. 1000/-
Squad: Rs. 2000/-

— Escape Room —

A physical adventure game in which players solve a series of puzzles, riddles, circuitry and codes using clues, hints, and strategy to complete the objectives at hand.

Registration Fees :
Rs. 80/- (Solo)
Rs. 100/- (Team)

Prizes :
Winner : Rs. 1000/-

— FootPool —

Footpool is a combination of football and pool. The game has to be played individually wherein every player will be given a time limit of 1.5 minutes ie. 90 seconds. Each participant has to pot 6 balls into different pockets (using their feet only) using 1 striker ball.

Registration Fees :
Rs. 20/-

Prizes :
Boys : Rs. 500/-
Girls: Rs. 500/-

— Photography Contest —

The classic photography contest with the theme, "Life of Mumbai".

Registration Fees :
Rs. 20/-

Prizes :
Winner : Rs. 700/-
Runner Up: Rs. 500/-
Second Runner Up: Rs. 300/-

— Drone Flight Simulator —

Participants can fly drones in a simulated environment and compete to get the least lap time. All necessary equipment will be provided.

Registration Fees :
FREE

PARTICIPATING CHAPTERS

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