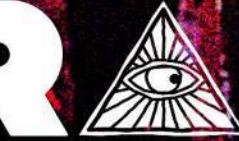




22<sup>ND</sup> TO 26<sup>TH</sup> APRIL  
**ESPERANZA** 2025



GRAND FEST  
OF



COOCH BEHAR GOVERNMENT ENGINEERING COLLEGE



# PROLOGUE!

GET READY TO DIVE HEADFIRST INTO THE EPIC ADVENTURE THAT IS "ESPERANZA," THE SPECTACULAR ANNUAL COLLEGE FEST HOSTED BY THE LEGENDARY STUDENTS OF COOCH BEHAR GOVERNMENT ENGINEERING COLLEGE! HOLD ONTO YOUR HATS FOR A WILD RIDE OF TECH EVENTS LIKE APP DEVELOPMENT, CODE-A-THON, ROBOTICS, AND SHARK TANK CGEC (WHERE BUSINESS DREAMS TAKE FLIGHT)! PLUS, GET READY FOR SOME RIDICULOUSLY FUN GAMES AND GRAPHICS DESIGNING SHOWDOWNS! THIS IS THE MOMENT YOU'VE BEEN WAITING FOR - GET READY TO CREATE UNFORGETTABLE MEMORIES!



# ESPERANZA 2025



## N TECH EVENTS

Tech Exhibition  
Hackathon  
Code-a-thon  
Web Development  
App Development  
Techno Commercial Project  
Solid Works/ Fusion  
AutoCAD 2D ME  
AutoCAD 2D CE  
AutoCAD 3D CE  
Bridge Making  
Model Making  
Line Following  
Droid Blitz  
Robo Soccer  
Robo War  
Physics Olympiad

Chemistry Olympiad  
Math Olympiad  
Tech & Apti Quiz  
Prompt Competition  
Fix the Error  
Cube Solving  
Graphic Designing  
Meme editing  
Video making and editing  
Photography  
Valorant  
BGMI  
Frefire  
PES  
Call of Duty  
Chess  
Shark Tank

## WEB DEVELOPMENT

Web development involves building websites or web applications that are accessible via the internet. It encompasses frontend development, which focuses on the user interface and experience, and backend development, which involves server-side programming and database management.



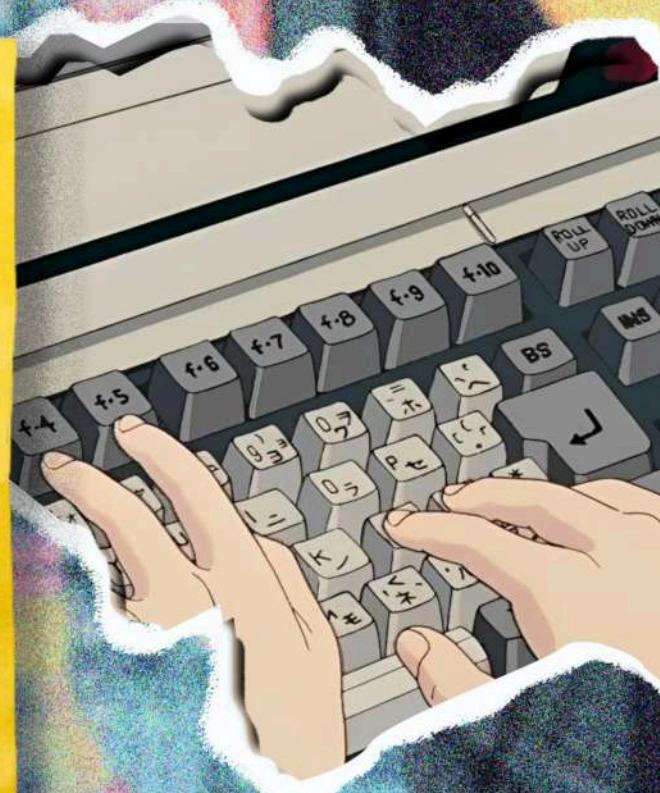
## HACK-A-THON

A Hackathon is a 'race against time' event where tech enthusiasts collaborate intensively to develop innovative projects, typically software or hardware prototypes, within a limited timeframe. It fosters creativity, learning, and networking within the tech community.



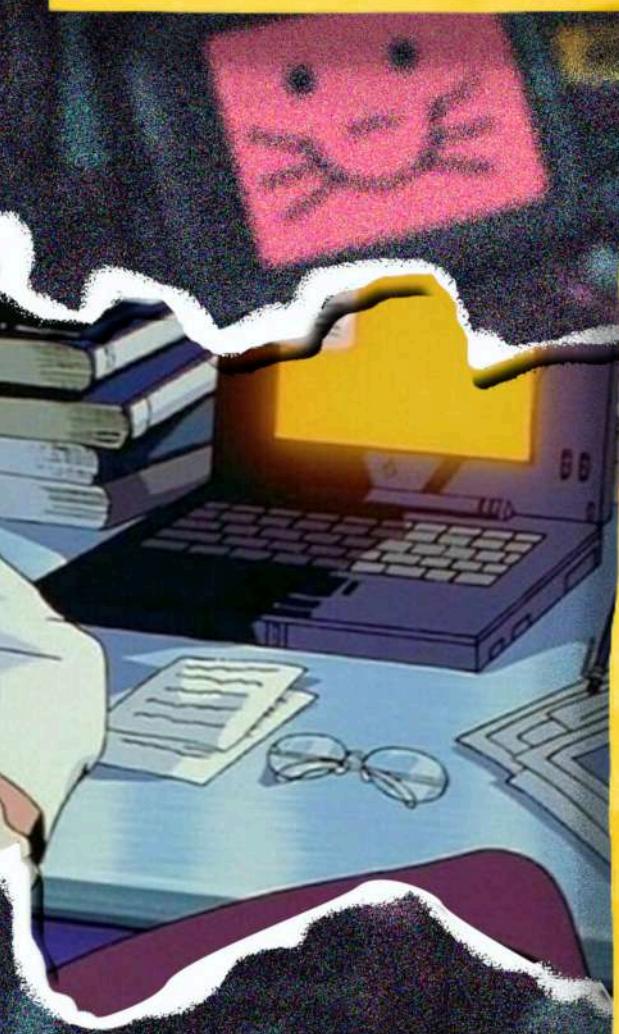
## CODE-A-THON

A Code-A-Thon is an intense programming competition where participants solve coding challenges, build applications, or develop software solutions within a fixed time frame. It tests problem-solving abilities, coding efficiency, and algorithmic thinking.



## APP DEVELOPMENT

An App Development Competition is a tech-based contest where participants design, develop, and present a fully functional mobile application based on a given theme or open category. This competition encourages innovation, problem-solving, and user-centric design.



## TECH EXHIBITION

The Tech Exhibition offers a unique chance to showcase creativity and skills in AI, robotics, modeling, coding, and engineering. It's a platform to turn innovative visions into reality and contribute to progress. Participants are poised to create, inspire, and conquer through their innovative ideas.



## DROID BLITZ

DROID-BLITZ is an exciting Arduino-based coding competition. Participants are challenged to develop a mobile application that allows a robot to navigate through a series of obstacles within a set time limit. Winners are selected based on criteria such as functionality, usability, and creativity.



## ROBO WAR

A Robo War Competition is an intense, action-packed event where participants build robots to battle against each other in an arena. Teams build combat robots that fight in a controlled environment to disable or immobilize the opponent's robot. Robots must follow weight and size restrictions.



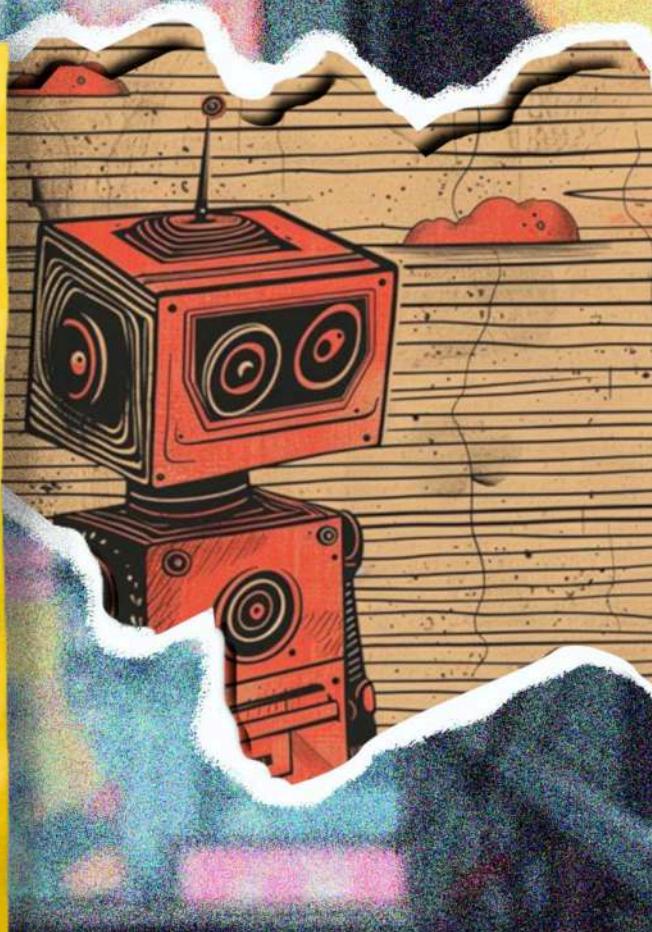
## ROBO SOCCER

A Robo Soccer Competition is an exciting robotics event where participants design and program robots to play soccer in an arena. It combines mechanical engineering & electronics. Teams earn points by scoring goals. Players use remote controls to maneuver their robots.



## LINE FOLLOWING ROBOT

In LINE FOLLOWING ROBOT making competition participants will have to make a robot that is able to follow either a black or white line that is drawn on the surface consisting of a contrasting color, the robot will use an array of optical sensors to identify and move through the lines.

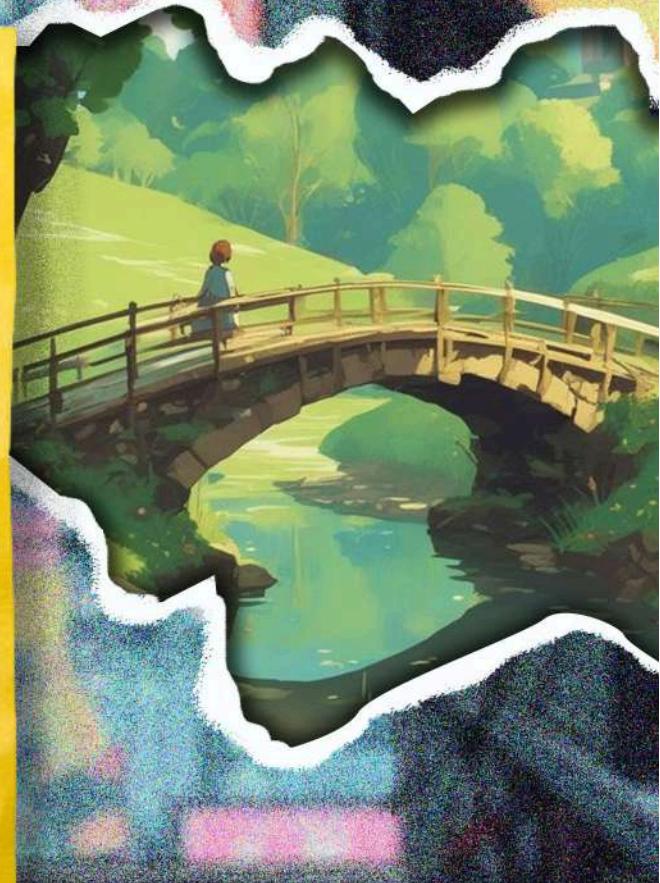


## TECHNO COMMERCIAL PROJECT

A Techno-Commercial Project Competition is an event that challenges participants to combine technical knowledge with business and marketing strategies to create innovative solutions, products, or business models encouraging a balance between technical feasibility and commercial viability.

## BRIDGE MAKING

All participating teams will be tasked with constructing a bridge using popsicle sticks and Fevicol glue, provided by the organizers. The bridges will undergo testing with point loads at the joints, and the team whose bridge withstands the maximum load before failing will be declared the winner.



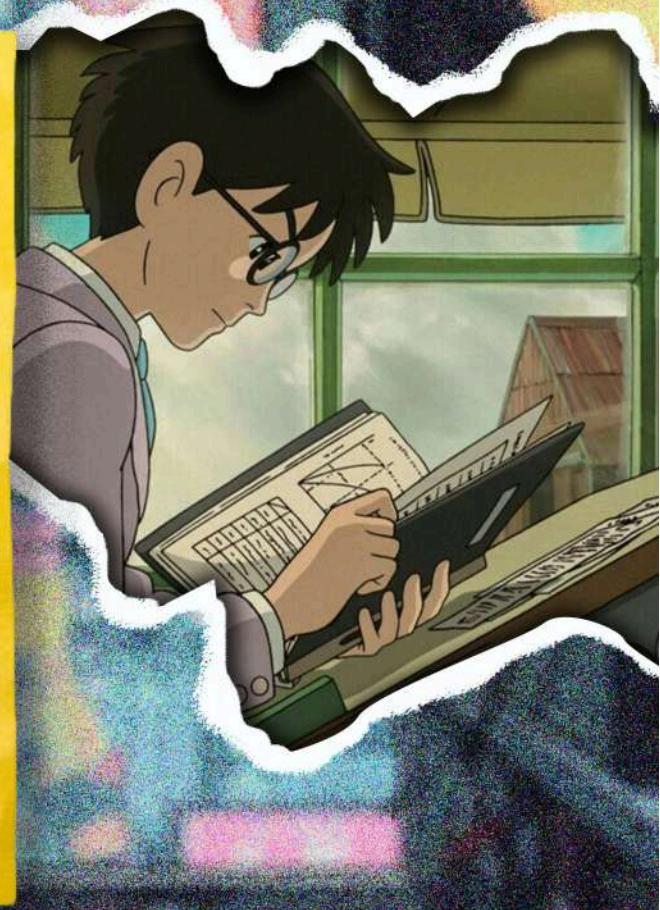
## AUTOCAD 2D & 3D CE

AutoCAD is a powerful CAD software that enables engineers to create detailed 2D and 3D models, blueprints, and design assemblies with precision and speed. Its extensive library and parametric modeling tools help Civil Engineers in transforming innovative ideas into successful designs.



## OLYMPIADS

This event consists of several aspects from the world of science to test the basic problem solving skills as well as aptitude of the participants. It also tests the ability to learn new skills quickly. There will be 3 events based on it: **Math, Chemistry & Physics.**



## PHOTOGRAPHY COMPETITION

Photo capturing competition in various categories, judged by experts and the community. This will include photos from the duration of fest as well as any photo which was clicked between the last fest and the current fest.



## SOLIDWORKS/FUSION

A SolidWorks/Fusion Competition is a CAD (Computer-Aided Design) contest where participants showcase their 3D modeling, design, and engineering skills using SolidWorks or Autodesk Fusion 360. It tests participants' ability to create detailed and functional 3D models.



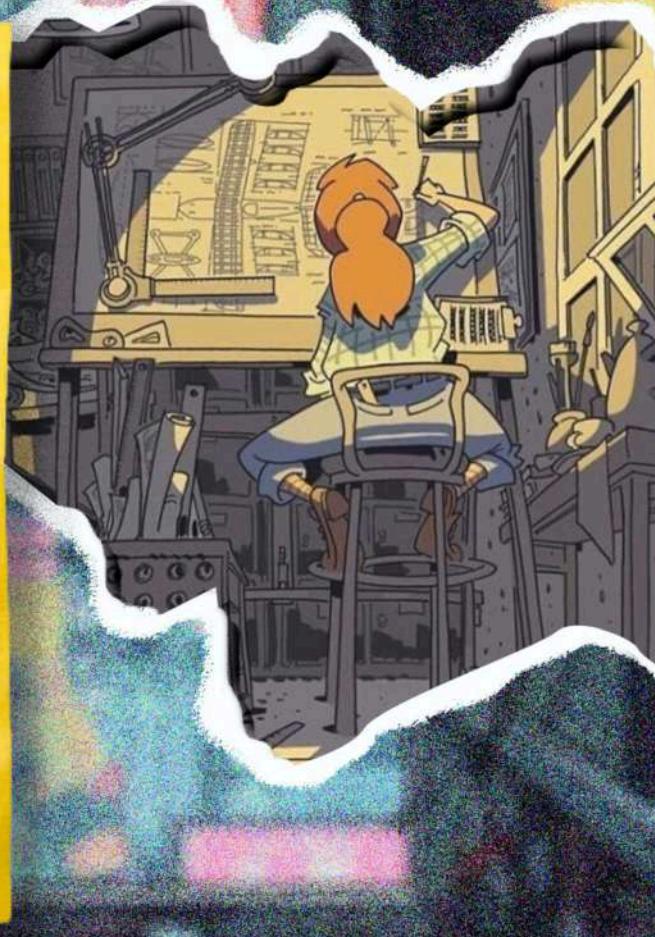
## MODEL MAKING

A Model-Making Competition is a hands-on event where students showcase their creativity, technical skills, and problem-solving abilities by constructing physical models. Participants design and build models that represent engineering solutions, innovations, or concepts.



## FIX THE ERROR

A Fix the Error Competition is a coding contest where participants identify and fix syntax, logical, or runtime errors in code as quickly and efficiently as possible. It tests debugging skills, logical reasoning, and understanding of programming concepts.



## PROMPT COMPETITION

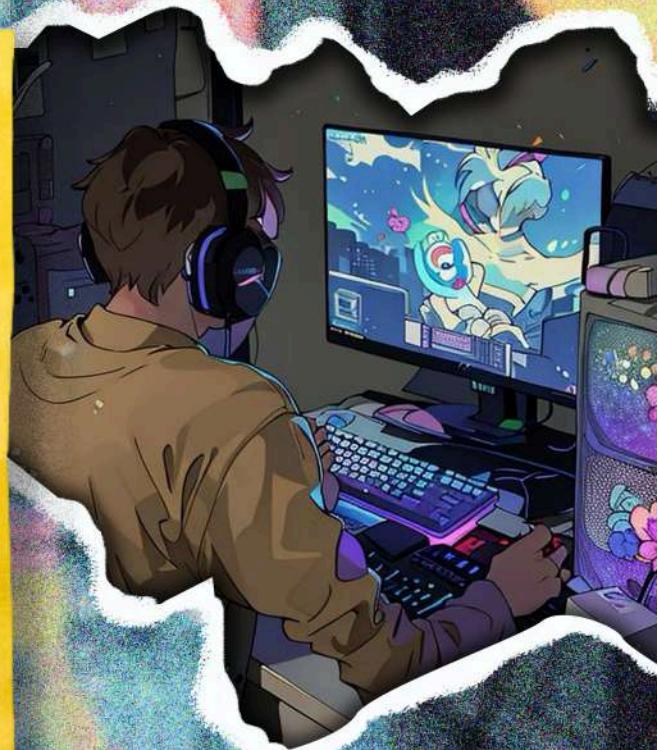
In Prompt Writing Competition, participants craft engaging, thought-provoking, or unique prompts that can inspire stories, poetry, art, AI-generated content, or creative discussions. It challenges creativity, originality, and the ability to evoke strong responses from writers, artists, or AI models.

A screenshot of a computer monitor displaying a terminal window. The window shows a command-line interface with several lines of code or logs. One line of text is clearly visible: "ZURU-Serve Crash part of". The background of the monitor is dark, and the overall scene suggests a developer's workspace.

## GAMING COMPETITION

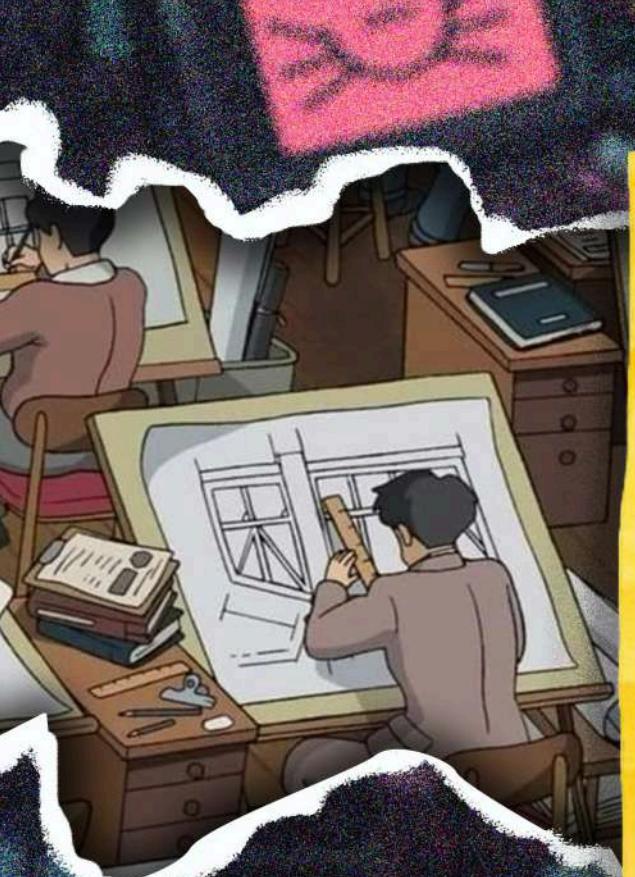
Gear up for intense battles, strategic gameplay, and a chance to showcase your skills in **FREE FIRE , PES , CALL OF DUTY, VALORANT, BGMI , CHESS.**

These games will be held in the college premises during the days of the technical fest.



## GRAPHIC DESIGNING

A Graphic Designing Competition is a creative event where participants showcase their artistic and technical skills by creating visually appealing designs based on a given theme, Logo designing, Poster making etc. are to be done through software like Adobe Photoshop, Illustrator, Canva, Figma, GIMP.



## CUBE SOLVING

A Cube Solving Competition is a fast-paced event where participants race against time to solve various types of twisty puzzles, including the Rubik's Cube and its variations. It tests speed, pattern recognition, problem-solving skills, and dexterity.



## TECH & APTI QUIZ

A Tech & Apti Competition is an event designed to assess participants' technical knowledge and aptitude skills through Multiple-choice questions, coding challenges, problem-solving tasks, and case studies. Accuracy, speed, problem-solving approach, and logical thinking are the bedrock.



## MEME EDITING

A Meme Editing Competition is a fun and engaging event where participants create humorous, relatable, and impactful memes using images, text, and other tools. It tests the participants' ability to convey humor, satire, or social commentary through memes.



## VIDEO MAKING & EDITING

A Video Making & Editing Competition is a creative contest where participants produce and edit videos based on a given theme or topic. It tests storytelling abilities, cinematography, editing proficiency, and overall visual impact using software like Adobe Premiere Pro, Final Cut Pro, DaVinci Resolve, Filmora, etc.

## AUTOCAD 2D ME

AutoCAD is a powerful CAD software that enables engineers to create detailed 2D models, blueprints, and design assemblies with precision and speed. Its extensive library and parametric modeling tools help Mechanical Engineers in transforming innovative ideas into successful designs.



## SHARK TANK

A Shark Tank is a competitive business pitch environment. It's where entrepreneurs pitch their business ideas to a panel of wealthy investors (the "sharks") in hopes of securing funding and mentorship. The term is also used more generally to describe similar high-pressure investment or pitch settings.

