



PAAVAI ENGINEERING COLLEGE

(Autonomous)

Techfinix' 26

Department of Mechanical Engineering

CAD Contest

Description :

The CAD Contest Symposium Showcases Creativity, Technical Skills, And Innovation In Computer-Aided Design. It Encourages Students To Demonstrate Their Design Abilities, Share Knowledge, And Explore Engineering And Technology.

- Team Structure: Maximum Of 2 Members Per Team.

Rules :

1. Use Of Ready-Made Or Copied Designs Is Not Allowed.
2. Participants Must Follow The Given Time Limit.
3. CAD Software Specified By The Organizers Must Be Used.
4. Designs Will Be Judged Based On Creativity, Accuracy & Innovation
5. Participants Must Explain And Demonstrate Their Design When Asked.
6. Any Unfair Practice Lead To Disqualification
6. The Judge's Decision Will Be Final.

Event Coordinators :

1. SOUNDAR.M (IV- MECH)
2. MOHAMMED AATHIL.M (III-MECH)
3. KEERTHANA.V (II-MECH)

Department of Mechanical Engineering

Technical Quiz

Description :

The Technical Quiz Will Test Participant's Knowledge In Mechanical Engineering Concepts. There Will Be Two Rounds: A Prelim Round And A Mains Round.

Round 1 : Prelims (30 Minutes)

A Written Round With 30 Questions On Basic Mechanical Terms And Mechanics. Teams Will Have 30 Minutes To Complete This Round.

The Top 6 Teams Will Move To The Next Round.

Round 2 : Mains

This Round Consists Of 20 Questions. Teams Will Take Turns Answering Questions, And If A Team Is Unable To Answer,

The Question Will Be Passed To The Next Team.

Rules :

1. Be Punctual To The Event Venue.
2. Phones Are Prohibited During The Quiz.
3. Any Form Of Cheating Will Result In Disqualification.
4. Time Limits For Each Question Must Be Followed

Event Coordinators :

1. ARAVINDH .S (IV-MECH)
2. AASHIK MUHAMMED SHERIFF .I (III-MECH)
3. RASIKA .J (II-MECH)

Department of Mechanical Engineering

Water Rocketry

Description :

Water Rocketry Involves Designing And Launching Rockets Propelled By Pressurized Air And Water. Teams Will Consider Factors Like Weight, Shape, And Stability To Optimize Their Rockets For Achieving The Greatest Distance Or Altitude.

- Team Structure: Maximum Of 2 Members Per Team.

Rules :

1. Only 2-Liter Water Bottles Are Allowed For Use As Rocket Bodies.
2. Rockets Must Be Launched With A Maximum Pressure Of 5 Bar.
3. Each Team Gets 2 Launch Attempts.

The Best Of The Two Attempts Will Be Considered.

Event Coordinators :

1. POOVARASAN .S (IV- MECH)
2. SARAN .P (III- MECH)
3. BARATH KUMAR .K (II-MECH)