

CAD MANIA

ABOUT THE EVENT

Step into the realm of innovation with our Computer-Aided Modeling Challenge! This immersive competition invites participants to harness the power of advanced CAD tools, translating ideas into intricate, precise designs. Whether crafting architectural marvels or engineering solutions, contestants showcase their modelling finesse in a dynamic arena of creativity and precision. Elevate your skills as you navigate through challenges, demonstrating a deep understanding of digital design principles. Join this transformative journey, where each click and curve brings you closer to excellence, and compete to be recognized as a visionary in the exciting world of Computer-Aided Modelling.

REGISTRATION FEE

Each member of the team will have to pay a nominal registration fee of Rs.100 +GST=Rs. 118/- .

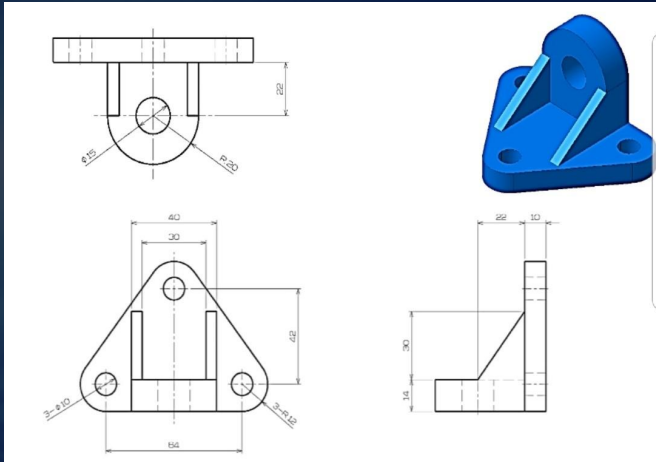
PRIZE

ZONAL LEVEL	STATE LEVEL
1st Prize - INR 10,000 2nd Prize - INR 7,000 3rd Prize - INR 5,000	1st Prize - INR 25,000 2nd Prize - INR 15,000 3rd Prize - INR 10,000

TEAM REQUIREMENTS:

- All the team members must be full-time students at an accredited University/College/School.
- There are no restrictions on the number of teams from the same Institute.
- The team should have 2-3 members in total.
- Individual participation is allowed
- A team can have a maximum of 3 participants
- Each participant may only be a part of one team.
- Each team can bring their own laptops and can use any CAD software.

CHALLENGE

Title	Description
Zonal Challenge	In the zonal challenge of the CADMania event, participants will be provided with a two-dimensional sketch representing a design concept. Their objective is to translate this sketch into a fully-realised three-dimensional model using CAD software. Example: 
Finale Challenge	Students can choose specific problem statements across various sectors such as Medical, Agriculture, Mechanical, and Civil. Their task will be to comprehend the problem and devise a solution. The solution should manifest as a design of machinery or equipment, which they will create in 3D using CAD software.

REFERENCE VIDEO

Please refer to the following video on how you could develop designs of your products using the process of user centered design.

In this video the team demonstrates the process of redesigning an existing product, in this case the walker.



Click the Link to watch to the video:

 [IDM-Altitude Design Process Video](#)

STAGES

The competition will be conducted in 2 rounds:

1. Zonal Round

- Zonal round will be held in the respective regions of the comedkars centers - Kalaburagi, Belgaum, Mysore, Mangalore and Bangalore.
- The top 10 teams will compete in the zonal round.
- Top 3 teams will be selected for the Finale.

2. Finale

- The State Level finale will be held in Bangalore.
- The top 3 teams from all the regions - Kalaburagi, Belgaum, Mysore, Mangalore and Bangalore will compete in the finale.
- Top 3 teams will be selected as the winners of the competition.

CONTACT DETAILS:

For workshop and any queries regarding the competition, please contact the competition coordinator for more details.

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