

Metro in Hills

Description:

Transportation, one of the crucial tasks in the present world. After many innovations and advancements we have evolved a wide range of transportation systems as per the requirement. But, what about the transportation in Hilly terrains? Though there are many advancements in the plains like metro networks, Electric Vehicles and others, the scenario in these hilly terrains remained at the roads. It might be a bit easy for local people to reach the far places in these hills and valleys, but for visitors, the connectivity is again a big challenge. The time required for reaching the destination too is quite a challenge due to the structure of the road.

Let the inner engineer in you handle this by creating an efficient solution which saves a lot of transportation time, increases connectivity and puts a smile on a lot of faces.

Team Structure:

- A team with 1 to 5 innovative engineers can handle this easily.

Timeline:

- The PS will be released on 11th May 2022 at 12 pm.
- All the submissions must be strictly done by 14th May 2022.
- Finally, the presentations will be on 15th May 2022 as per the slots provided (will be communicated later).

Judging Criteria:

- The initial submission on 14th May will be comprised of 80% out of which 50% is from your solution and relevant work and 30% is from Bonus level.
- The end presentation on the 15th May will be of 20% weightage.

Rules and Regulations:

- You can only use these softwares for CAD modelling: SolidWorks, Catia, Creo, Fusion360.
- References must be strictly included in the presentation.
- Plagiarism is strictly not allowed.
- Strictly follow the naming convention accordingly (will be provided in the Problem Statement).

Event Coordinators:

Incase of any clarification, concern regarding the event feel free to contact us.
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It is mandatory for all the participants (at least one per team) to join the following Discord server as all the important announcements will be announced there.

<https://discord.gg/vqtfJ4hB2u>