



भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

ID1054: Digital Fabrication

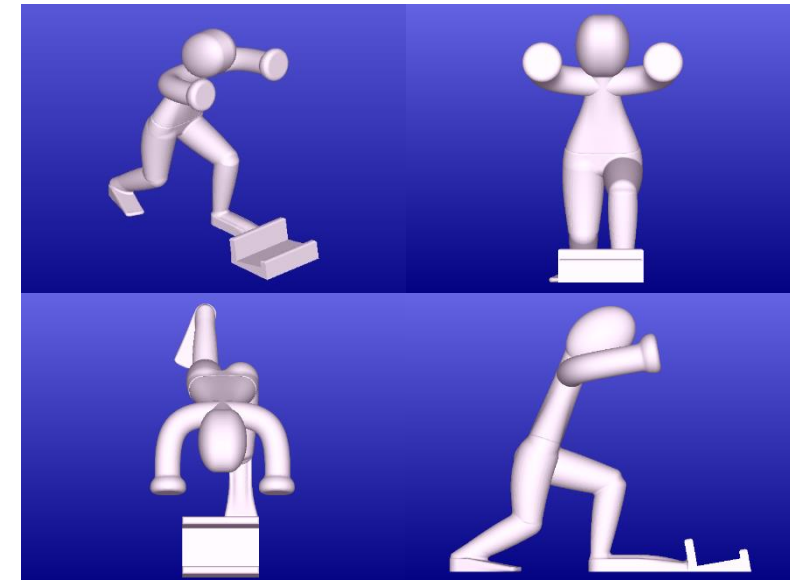
Announcements

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- All the CAD Modeling assignments have to be submitted on or before 10th July 2021.
- A Google form has been shared in the common classroom for project group
- Consider this project as a competition: You have to Design a Product/component which can be produced using 3D Printing
- Last date to submit the Project is 25th July 2021

Project Submission Details

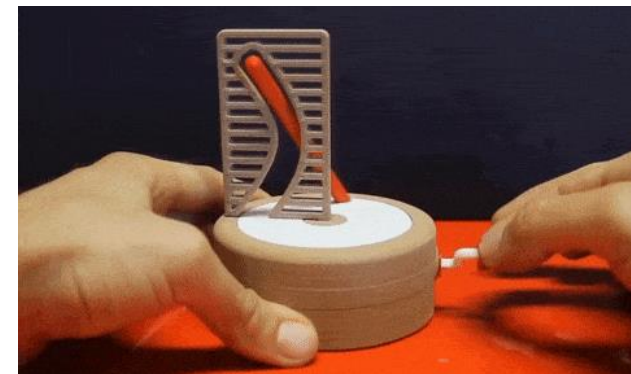
- One presentation consisting of
 - Genesis / origin of the project idea
 - Novelty / Complexity / challenge / application of the project idea
 - Highlight your contributions
- 3D Printing Data
 - Settings
 - Printing time Estimate
 - Material (Model / support) estimate
- The 3D CAD Model
 - Solid Edge/Fusion 360 CAD model Part /assembly file
- STL File



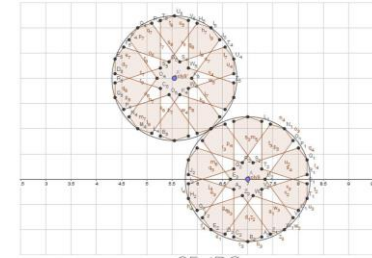
A Google Classroom submission will be created in which you have to upload these files

Project Ideas (From previous batches)

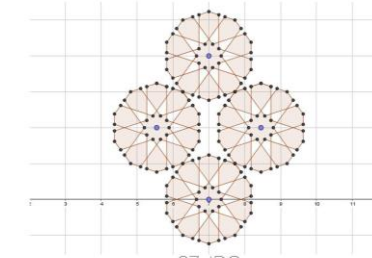
- Machines / prototypes for demonstration
- Functional Prototypes
- Biological / natural elements
- Art and crafts
- Conceptual and Mathematical elements
- Thingiverse.com
- NIH 3D Print Exchange
(<https://3dprint.nih.gov/>)



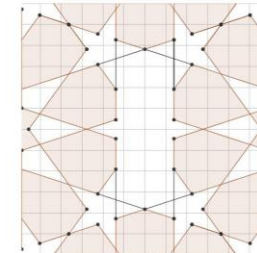
Project Ideas



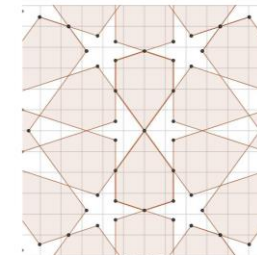
25.JPG



27.JPG

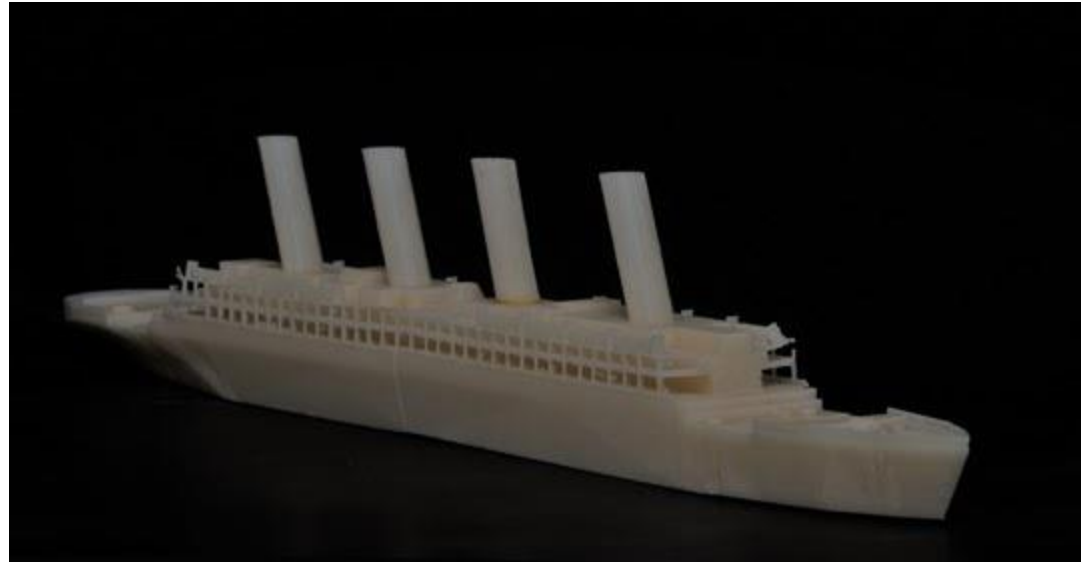
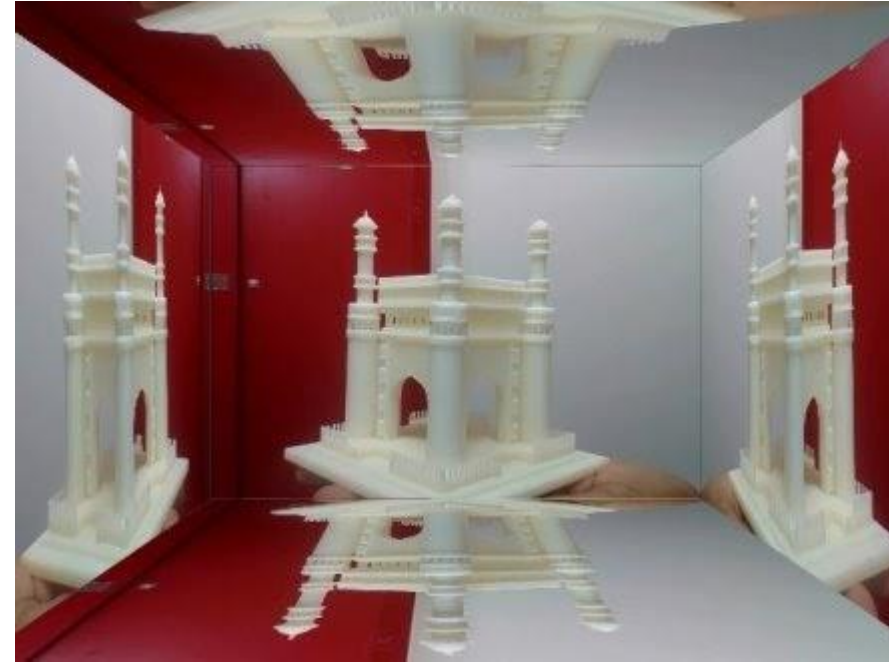
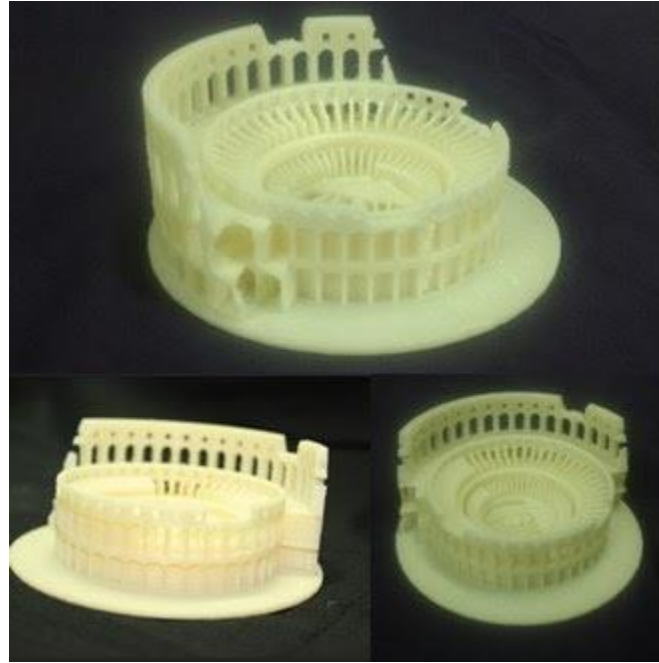


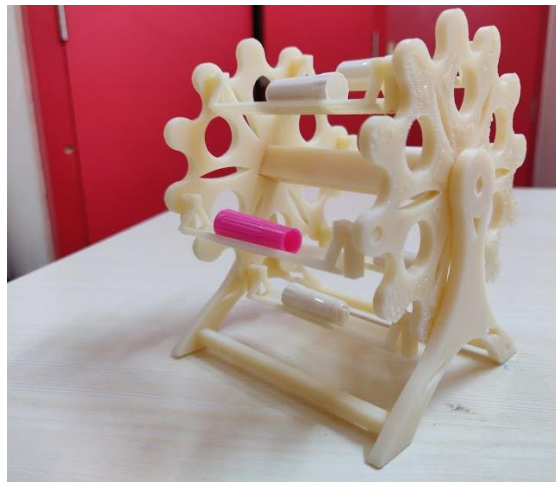
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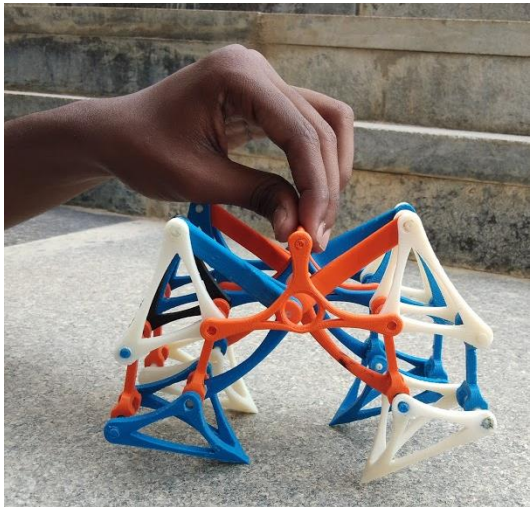
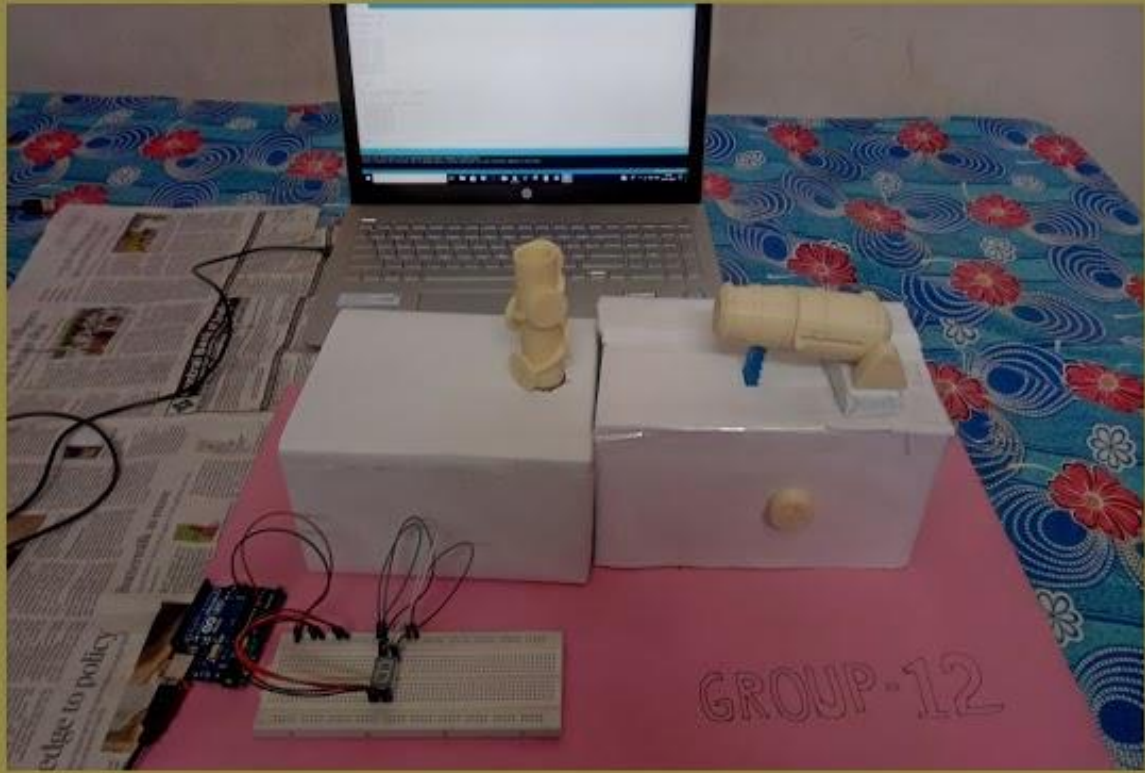


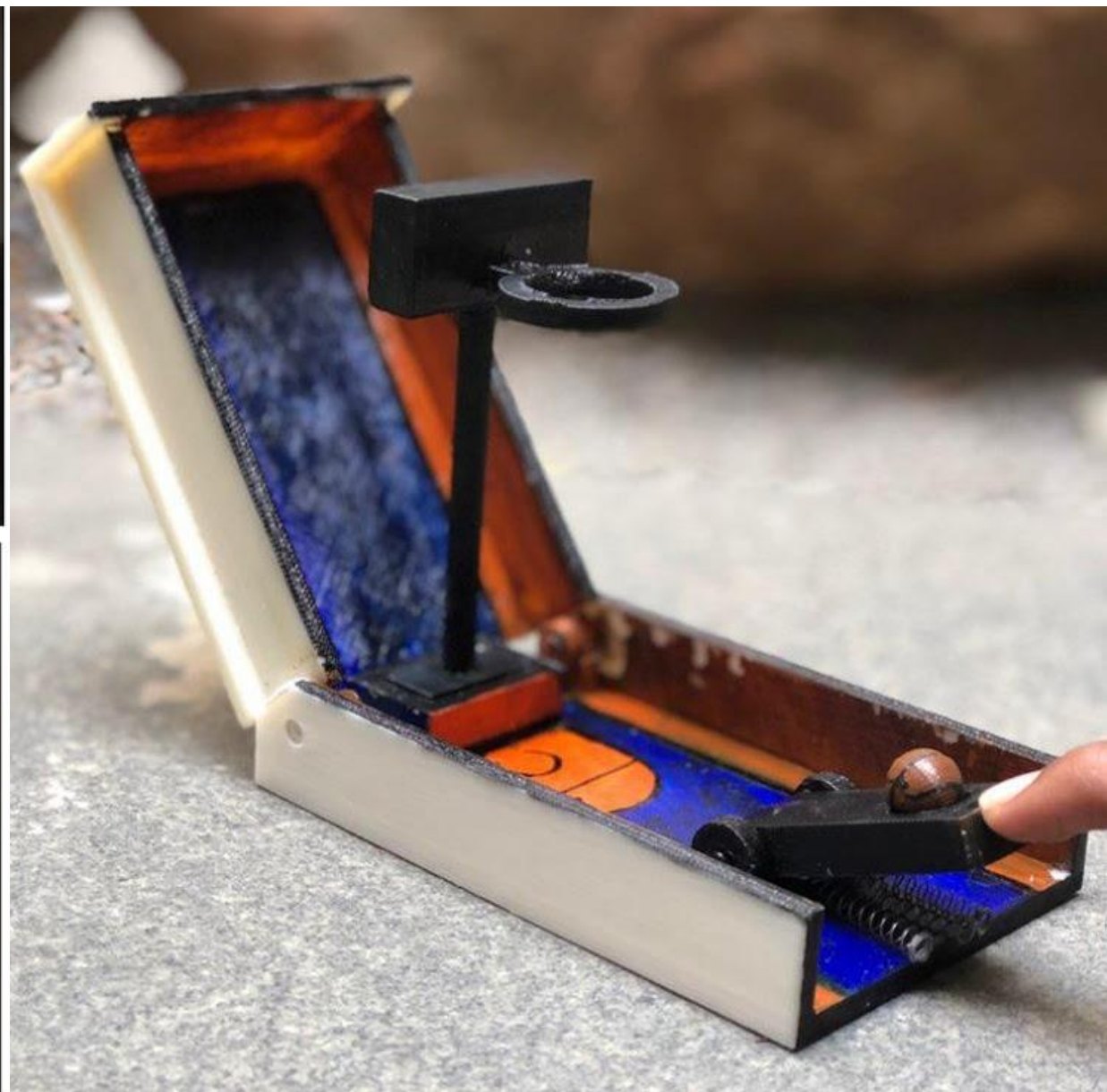
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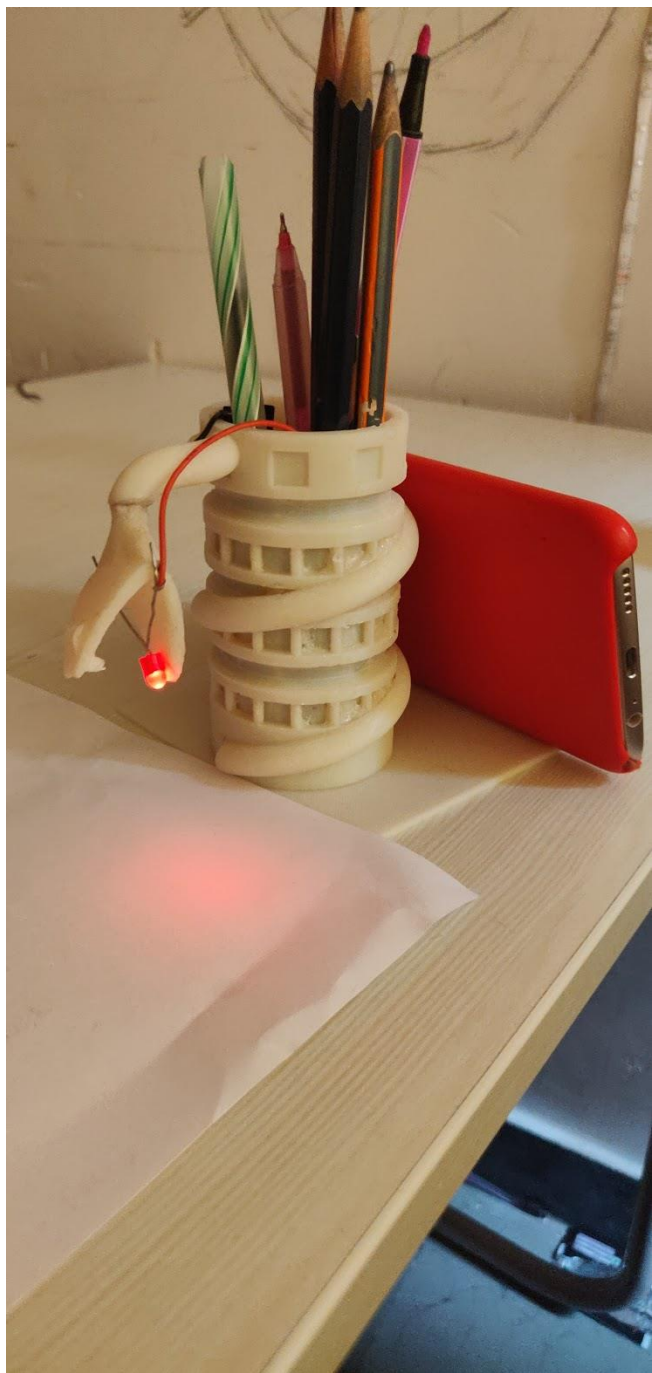
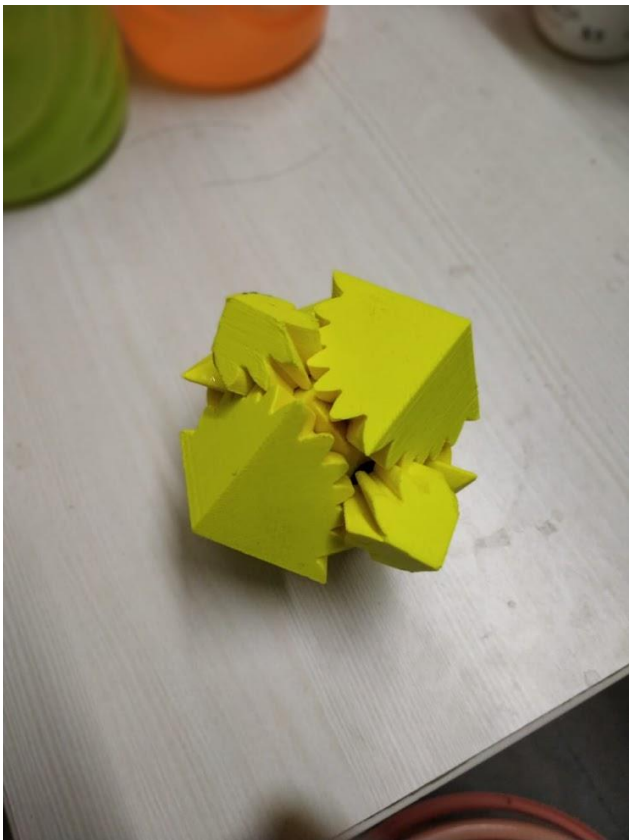
Old Projects

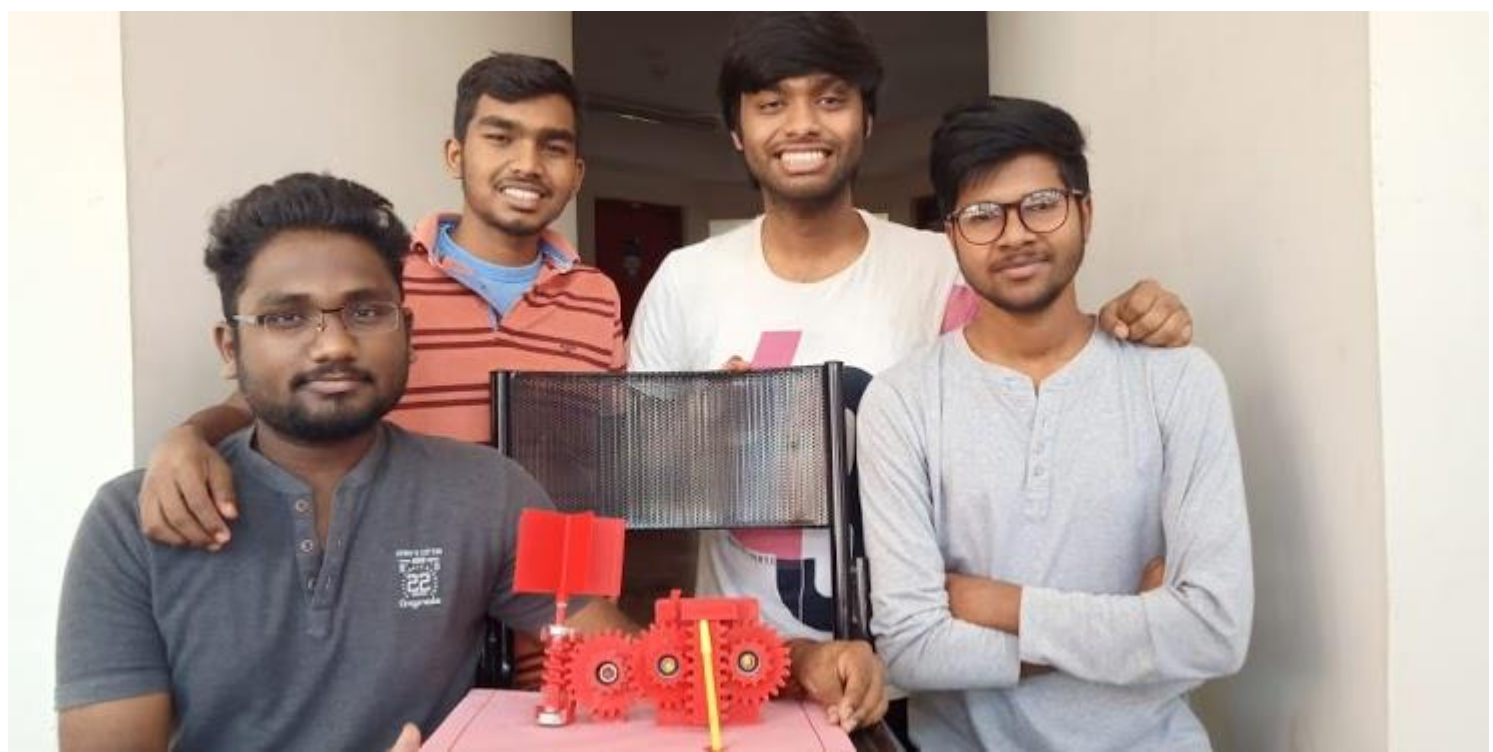
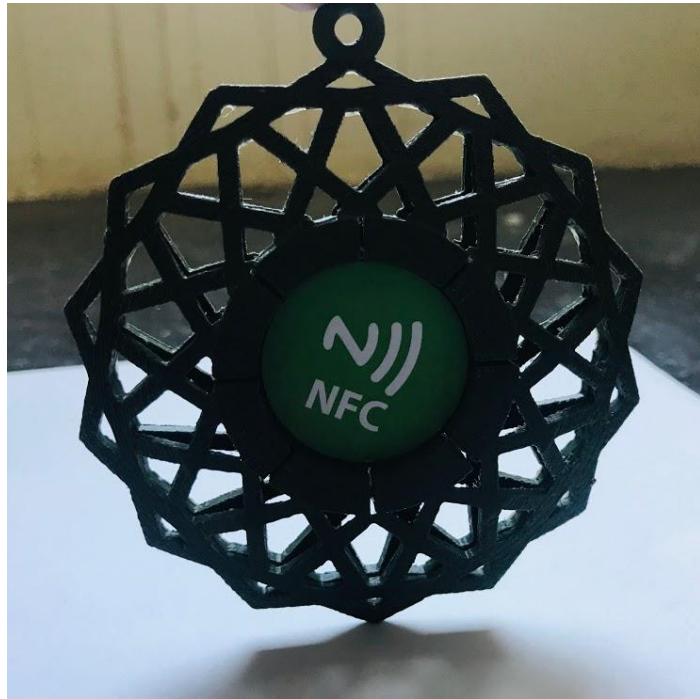












Thank You...