



भारतीय प्रौद्योगिकी संस्थान हैदराबाद  
Indian Institute of Technology Hyderabad

*ID1054: Digital Fabrication*

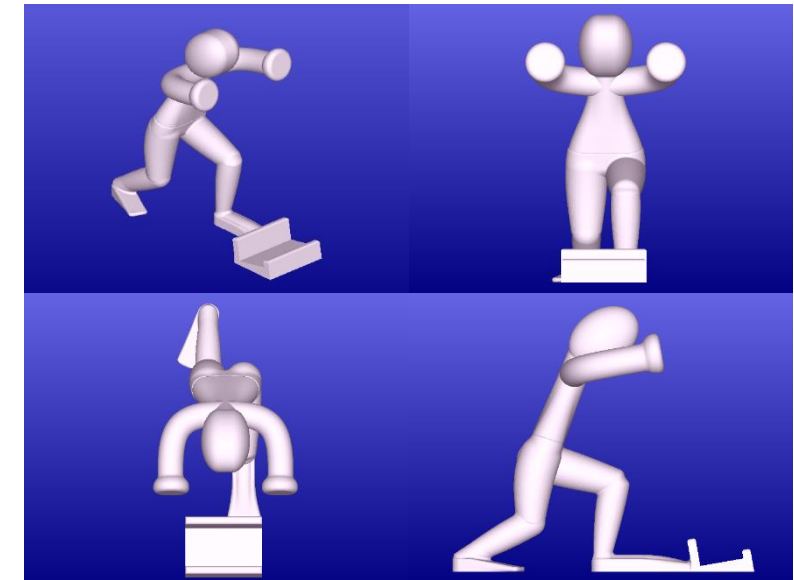
# Announcements

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- All the CAD Modeling assignments have to be submitted on or before 10<sup>th</sup> 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 25<sup>th</sup> July 2021

# Project Submission Details

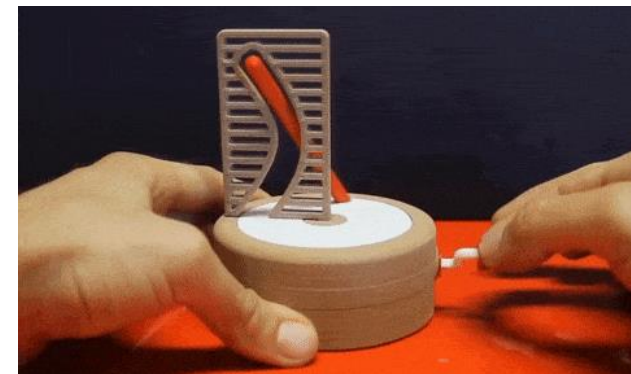
- One presentation consisting of
  - Genesis / origin of the project idea
  - Novelty / Complexity / challenge / application of the project idea
  - Highlight your contributions
- 3D Printing Data
  - Settings
  - Printing time Estimate
  - Material (Model / support) estimate
- The 3D CAD Model
  - Solid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



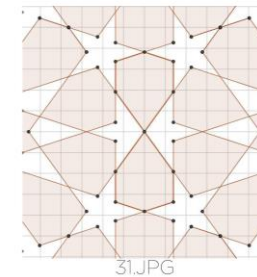
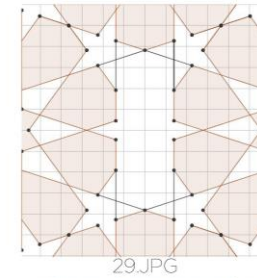
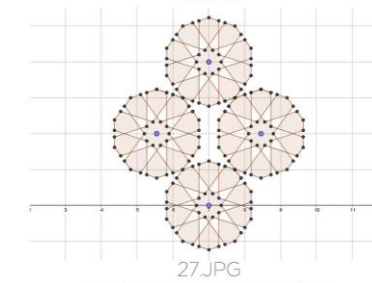
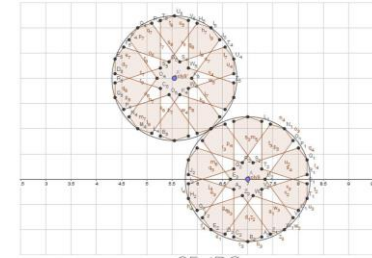
A Google Classroom submission will be created in which you have to upload these files

# 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/>)

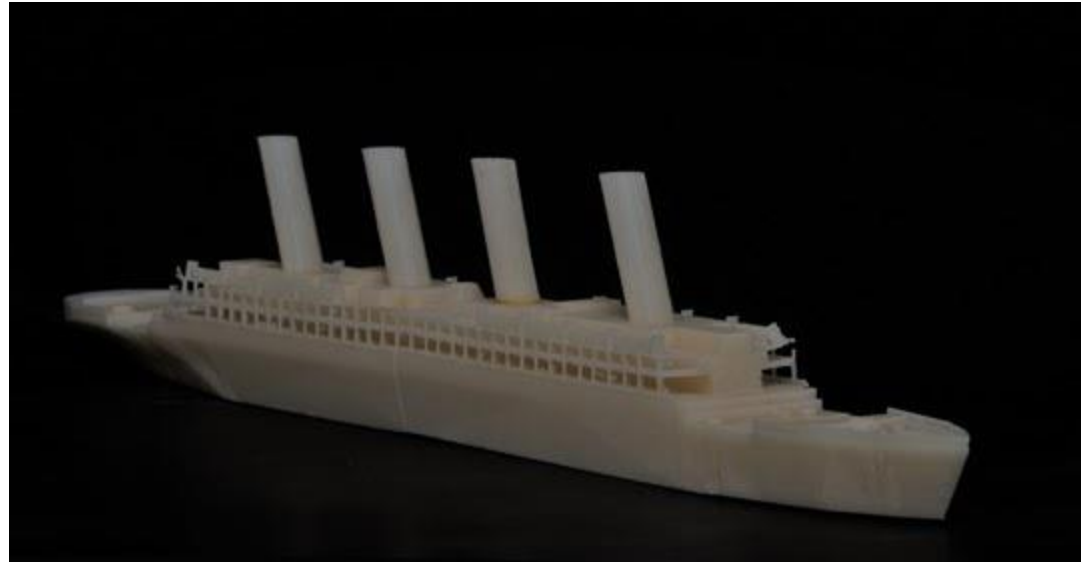
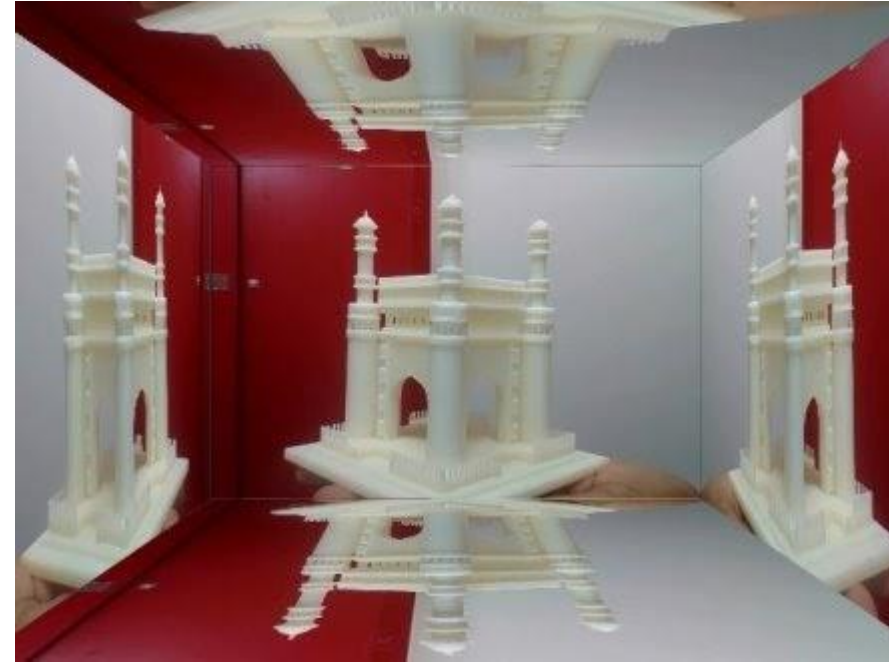
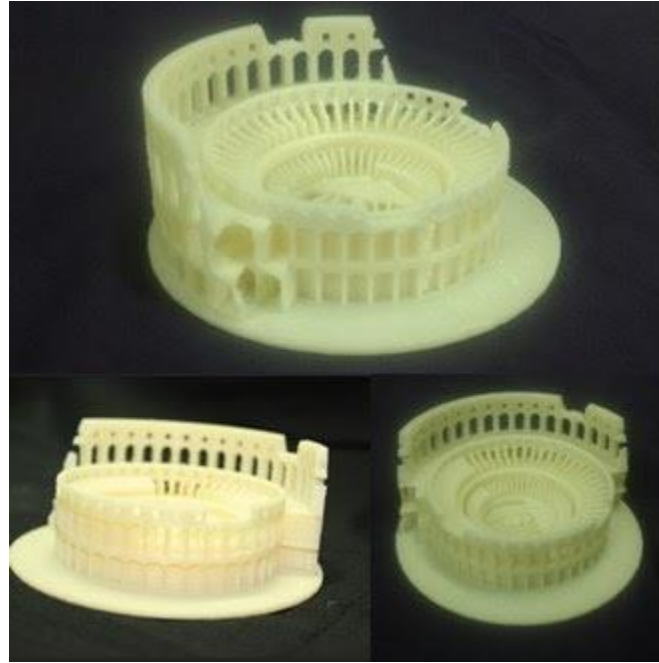


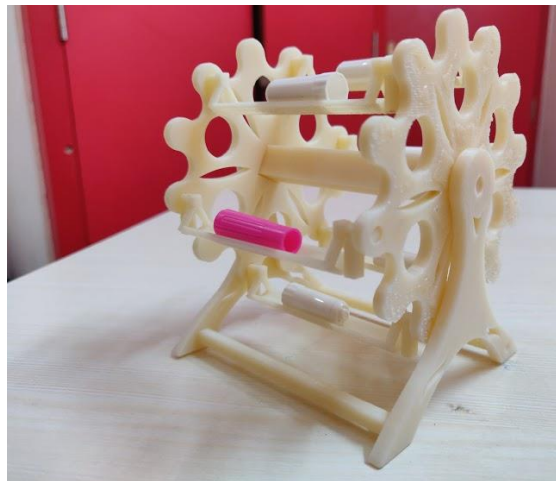
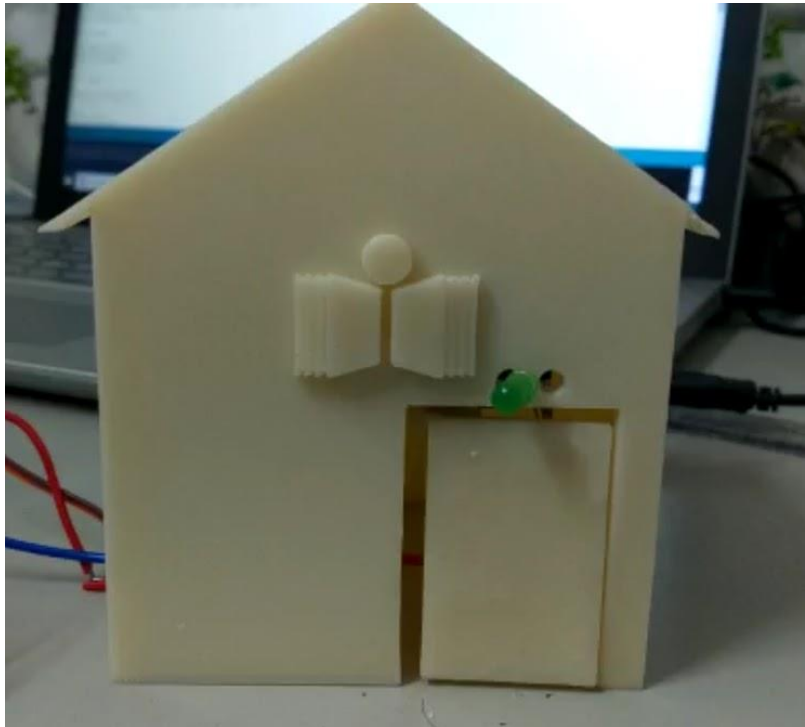
# Project Ideas



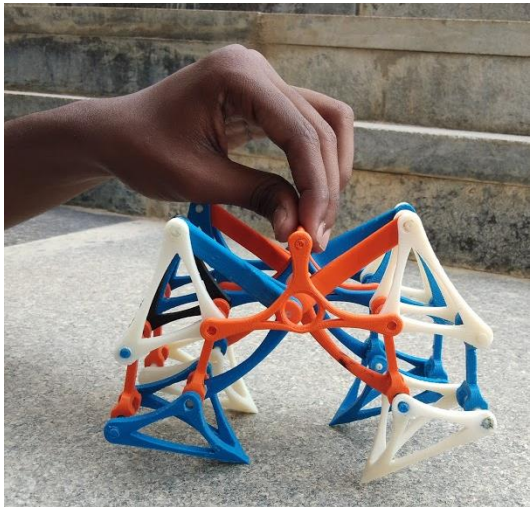
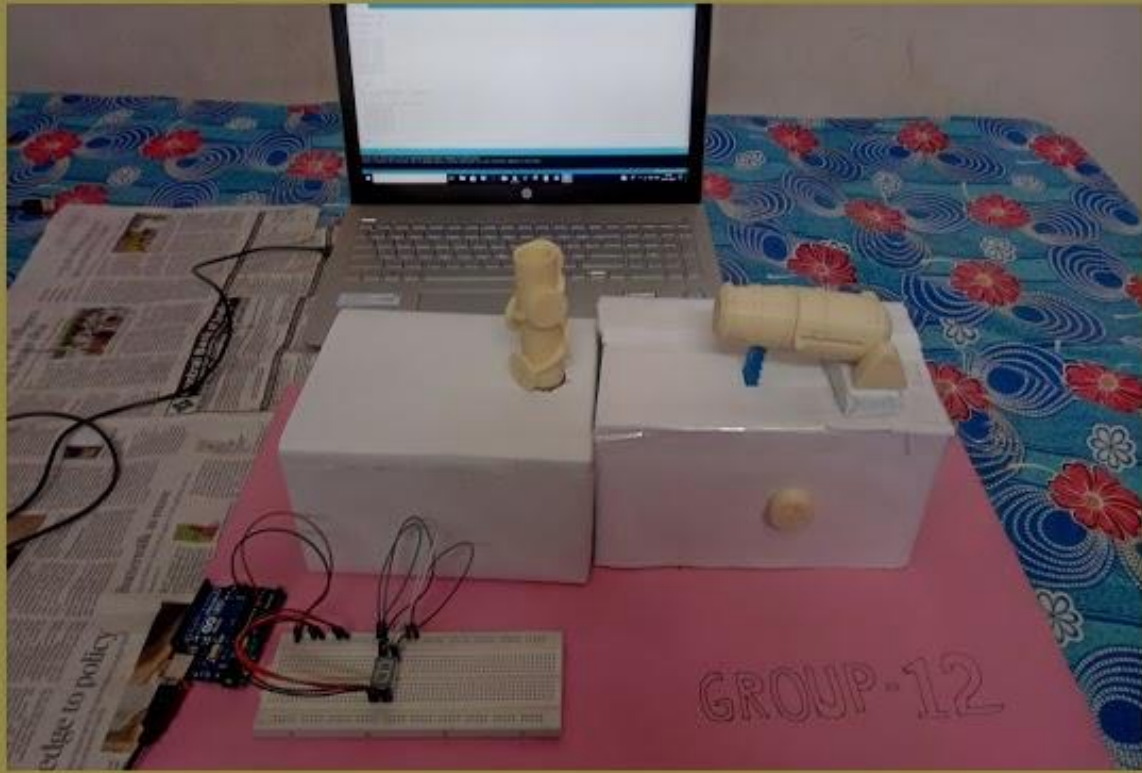


# Old Projects

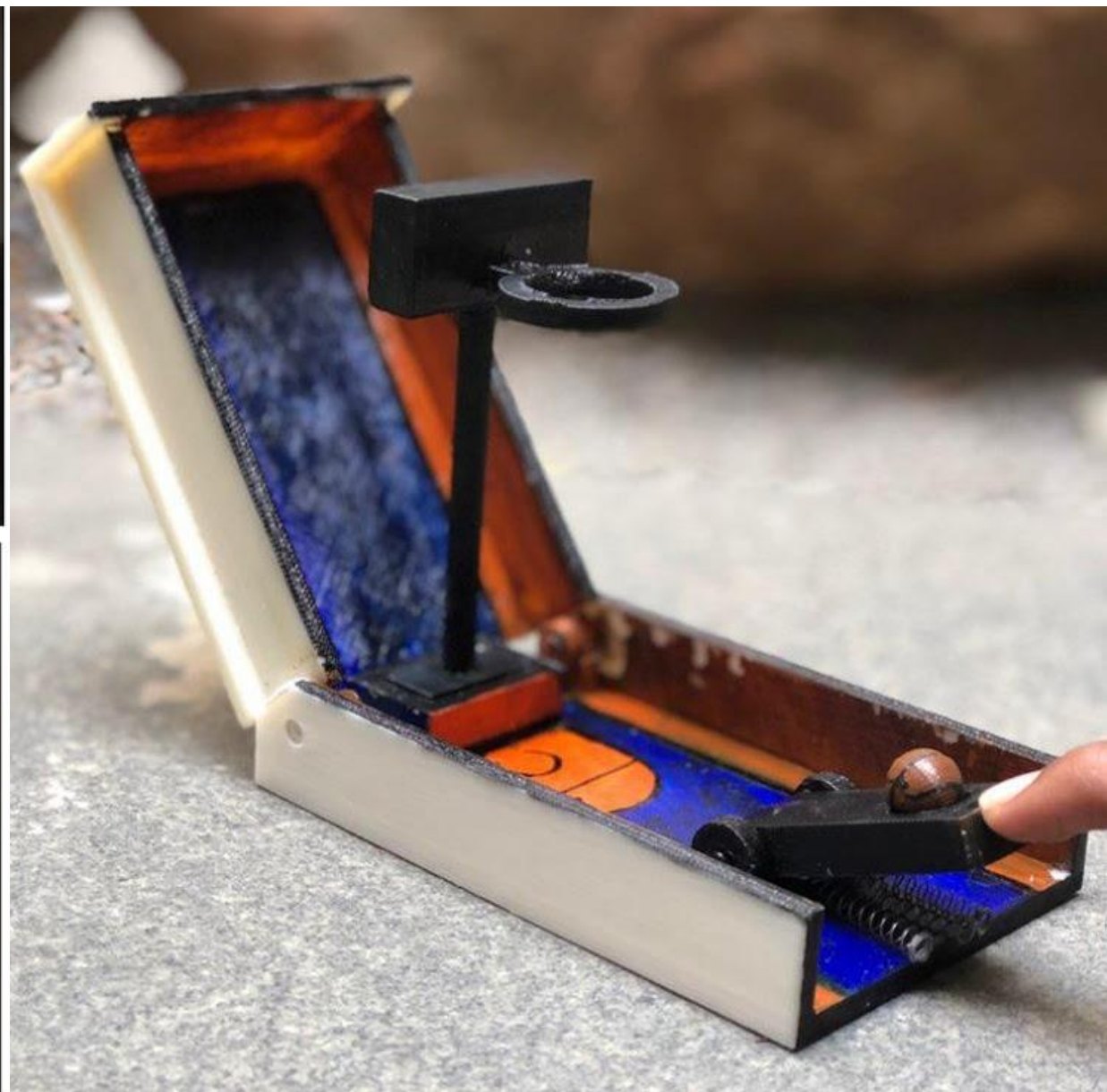




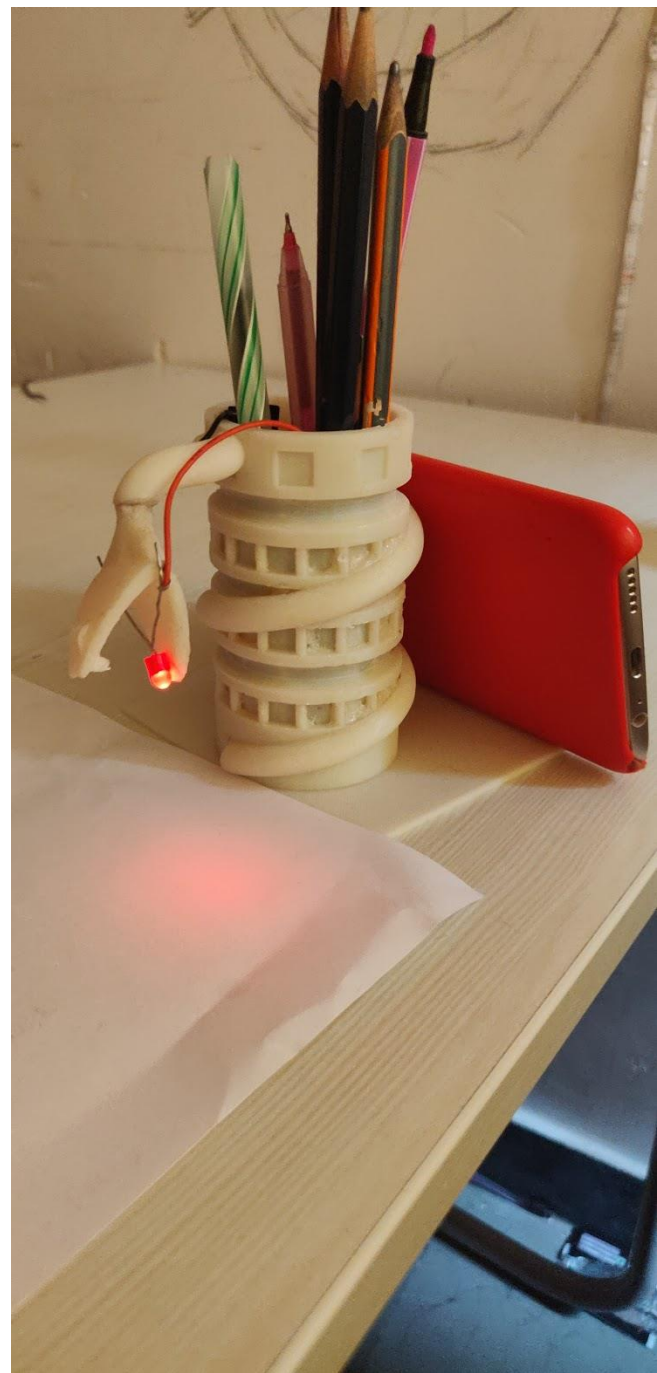
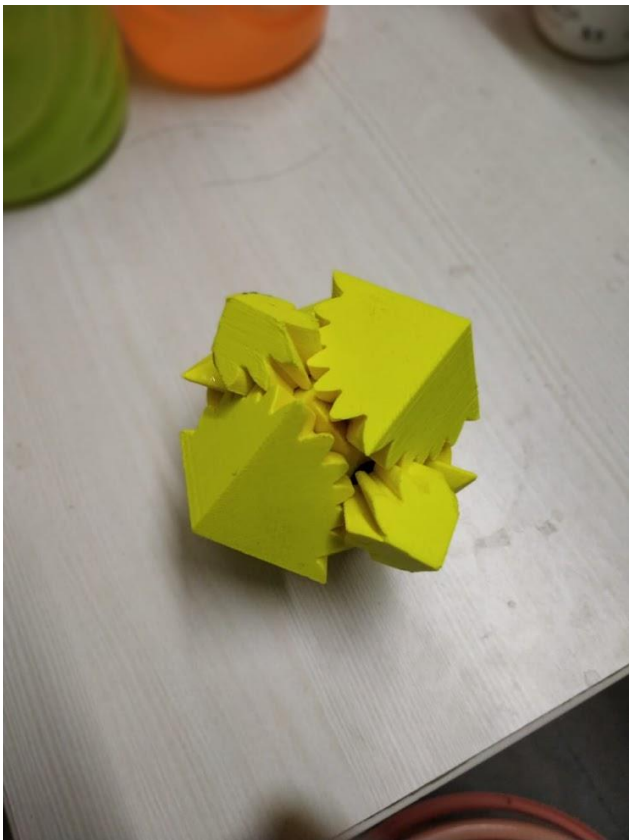




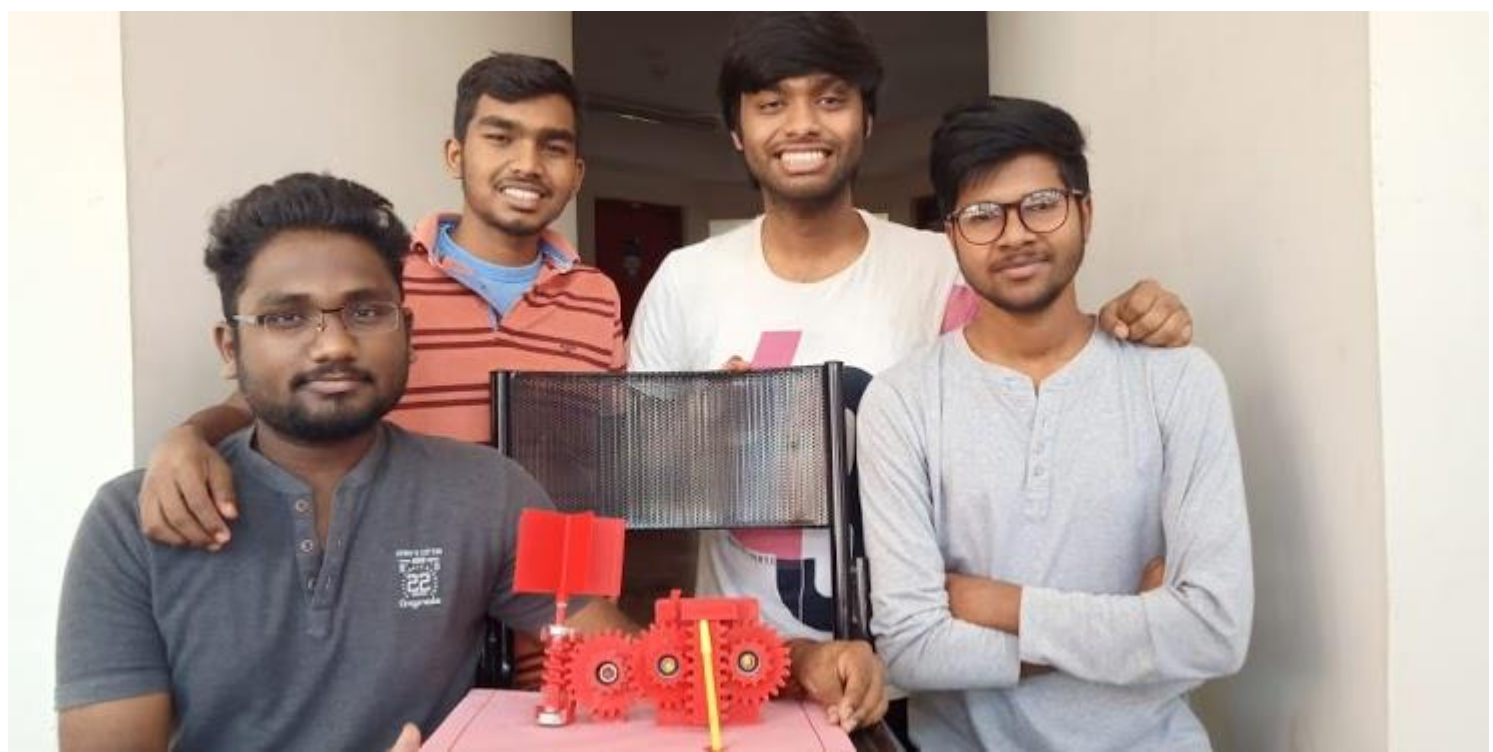
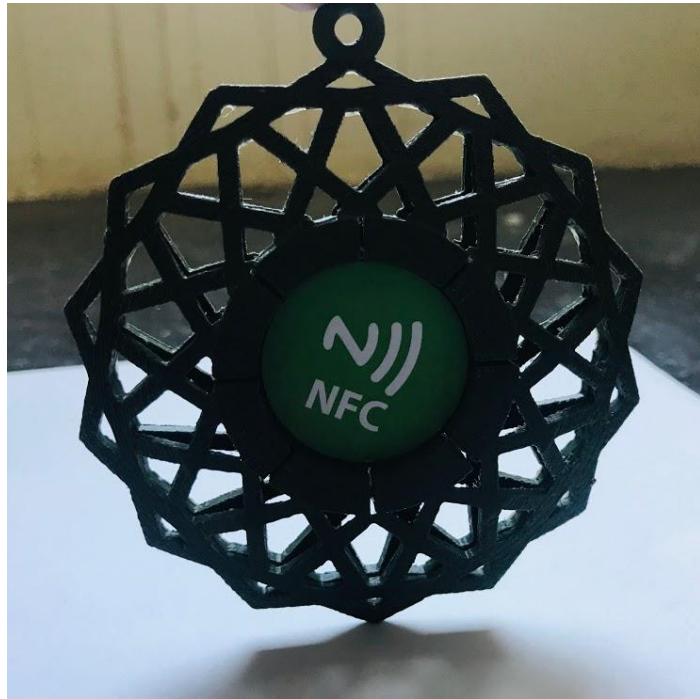














Thank You...