Don Bosco Institute of Technology

Colosseum 2021

Report on "STAR (Space Technology and Aeronautical Research)" Exhibition

Objective:

- To let our fellow DBIT students and Faculty know about the innovations made by our own DBIT students.
- To develop interest of students towards project based learning.

Outcome:

- Students will be learning about the innovative ideas put-forth by their peers/seniors.
- Students will be getting guidance on how to develop a BE Final year project.

Date and Time:1st April, 10 AM.

Number of Participants: 7

Description:

Exhibitions Conducted by:

- Harsh Bondre, TE MECH
- Nihar Chavan and Team, BE MECH
- Viraj Tandel and Team, BE IT
- Reuben Fernandes and Team, BE MECH
- Grejo Joby, TE COMPS
- Team TACHYON, Robocon
- Vaishnavi Gavali and Team, BE EXTC

Topics Covered

- Reuse of Tubelight starter as a Thermal Switch
- The "Admit All" Google Meet extension
- Paper box Making Machine
- User-friendly and Cost effective E-Tendering system
- Inclined Layer 3D Printer
- Semi Autonomous bot
- Low cost programmable Data Logger

Challenges Faced

- Finding a way to effectively conduct this Exhibitions online.
- Finding students from inside the campus willing to submit their exhibition videos before deadline
- Network Connectivity from participant's side.
- Getting an opportunity to have a meeting with the students involved in the project
- Recording the meeting and integrating it with the stock footage, infographics in the Exhibition video.

Report Prepared by: Chaitanya Kasar

Key Factor for The Success of The Event

- The Content recorded and broadcasted as the Exhibition.
- Innovative projects by the students.
- Ample publicity amongst the audience about the topic of the exhibition.

Individual Learning in Organising the Event

- Improved Communication Skills as got to interact with lot of students as well as faculties
- Team Management skills while organising the event and distributing the workload.
- Exposure to Online Technologies like Zoom and Google Meet**.**

Chat Messages

63: Sagar Save 41:14

can u please repeat in short

63: Sagar Save 41:20

I joined late

Saloni Dhotre 45:34

yes sir

Sunny 01:09:16

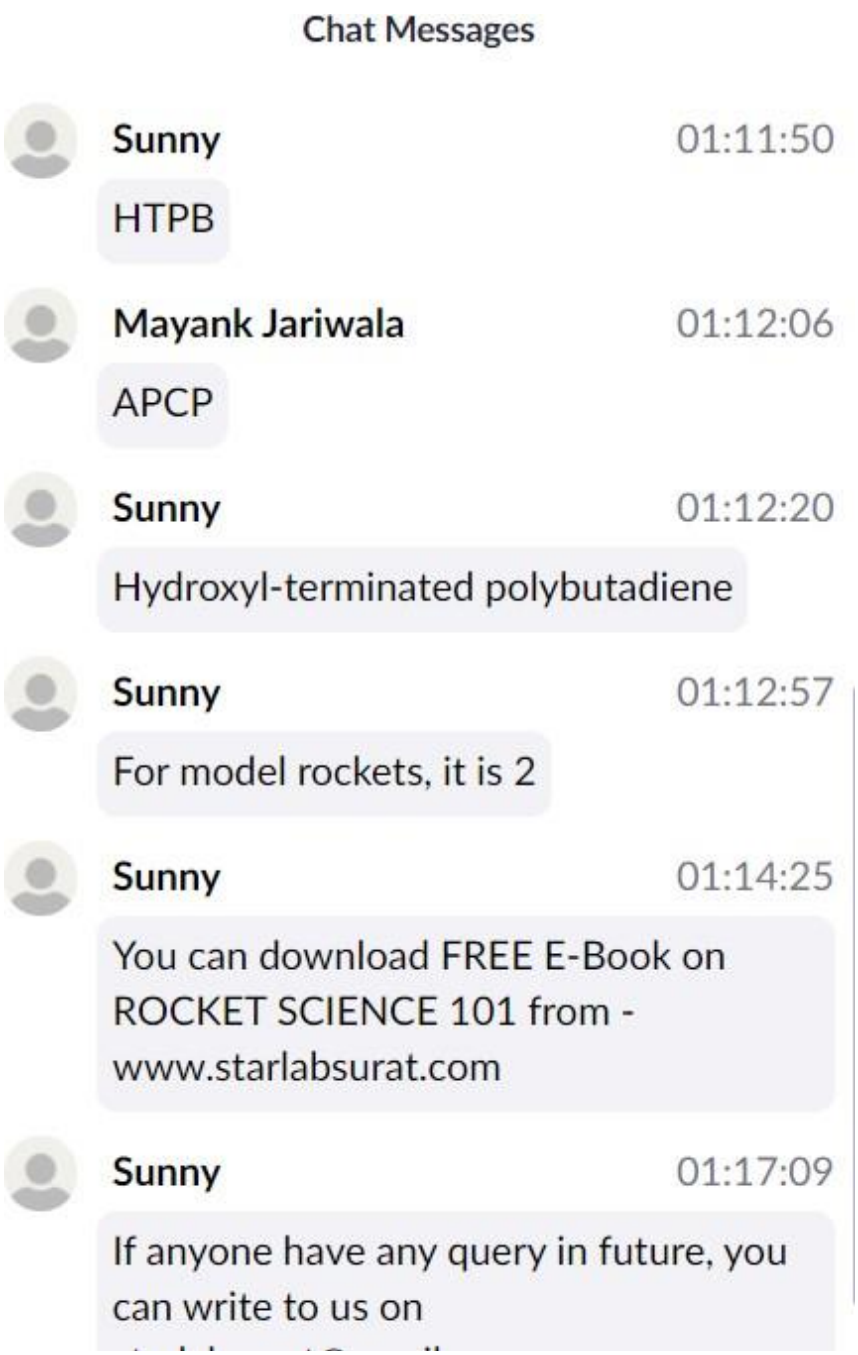
https://www.youtube.com/watch?v=XhrIN9V5Io8

Sunny 01:09:28

You can watch it here as well.

Geateya Dhotre 01:11:43

what is the thrust to wieght ratio required to lift the rocket


Chat Messages
Sunny
01:11:50
HTPB
Mayank Jariwala
01:12:06
APCP
Sunny
01:12:20
Hydroxyl-terminated polybutadiene
Sunny
01:12:57
For model rockets, it is 2
Sunny
01:14:25
You can download FREE E-Book on ROCKET SCIENCE 101 from - www.starlabsurat.com
Sunny
01:17:09
If anyone have any query in future, you can write to us on