



## Don Bosco Institute of Technology

### Colosseum 2021

#### Report on “STAR (Space Technology and Aeronautical Research)” Exhibition

##### **Objective:**

- To introduce students to the upcoming technology in the field of Rocketry and Aeronautics.
- To develop the interest towards Aerospace technology amongst students.

##### **Outcome:**

- Students will be learning in-depth about every single part of a Rocket and its Launching.
- Students will learn about the implementation of Microprocessors in the Avionics of the Rocket.

##### **Date and Time:**

- 1<sup>st</sup> April, 1 PM.

**Number of Registrations:** 60

##### **Description:**

**Exhibition Conducted by** – Harsh Patel, Avionics Team Head, STAR.

##### **Topics Covered**

- Structural Design of a Rocket
- Avionics of a rocket
- Parachute deployment system
- Stages of the Rocket
- Fuel used for Propulsion
- Business Model of the company

##### **Challenges Faced**

- Finding a way to effectively conduct this Exhibition LIVE online.
- Finding a team member of STAR willing to conduct the exhibition and corresponding with them.
- Network Connectivity from participant’s side.
- Getting an opportunity to have a meeting with the Founder of the company beforehand.
- Livestreaming the meeting and integrating it with the stock footage, infographics in the Exhibition video.

**Key Factor for The Success of The Event**

- The live content broadcasted as the Exhibition.
- The speaker's ability to keep the students engaged throughout.
- 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 and industrial professionals.
- Team Management skills while organising the event and distributing the workload.
- Exposure to Online Technologies like Zoom and Google Meet.

**Registrations:**



198 Vivian Castelino



204 Laukik Dhumal



21 Alisha Gadhave



22 kshat Jain .



23 ARithik Jain



24\_Piyush Jogale



25 B Atharv Kale



26 Vallabha Khasnivas



28 Saikishor Kishorkumar



31 TE (B) Hansel K. Lewis



33 : Anuranjini Kombar



34 ADurvesh Korgaonkar



36 A\_Lohar Abhishek Pravin



36-B Adrian Lopes



37 &Rajesh Maharana



40 &Devesh Mishra



43 APanchal Nikunj



43 B Jordan Joy



44 &Patil Gauri Pramod



45-Vedant Panchal



46 &Prajakta Patil



Close

Participants (60)

Search



Chaitanya Kasar (me)



45 Kshitij Rao (Host)



Harsh Patel (Co-host)



092 Rutvij Patil (Co-host)



Don Bosco (Co-host)



03 ASteve Aranha



06 Saransh Bhavsar



08 B Harsh Bondre



093 Arham Pawle



095 Kunal Pingale



11 ASanskar Dhakulkar



11 Tushar Deshpande



16 AChaitanya Divate



17 Bhavika Dongre



19 Dipesh Gandhi



47 Abhijeet  

47\_A\_Tejas Paymode  

47\_B\_AtharvaParshionikar 

50\_Cyrus Pereira  

50\_Tanmay Salunke 

52\_A\_Lalit Salvi 

58\_A\_Mohit Singh 

59\_Amish Thekke Parambil 

61\_A\_Godwin David  

63:SagarSave  

65\_A\_Yadav Indrajeet  

 73\_PRASAD VITHOBA TONE

A 47 Amey Nadgaonkar  

A 52 Harjinder Singh  

Geateya Dhotre 

Lav Sharma 

Mayank Jariwala 

Parth Rana 

 priya kaul 

Samruddhi Dhonde 

Satyanarayana Nagula 

Sunny 

 31: Hansel K. Lewis  

41\_A\_Atharva\_Mohidekar

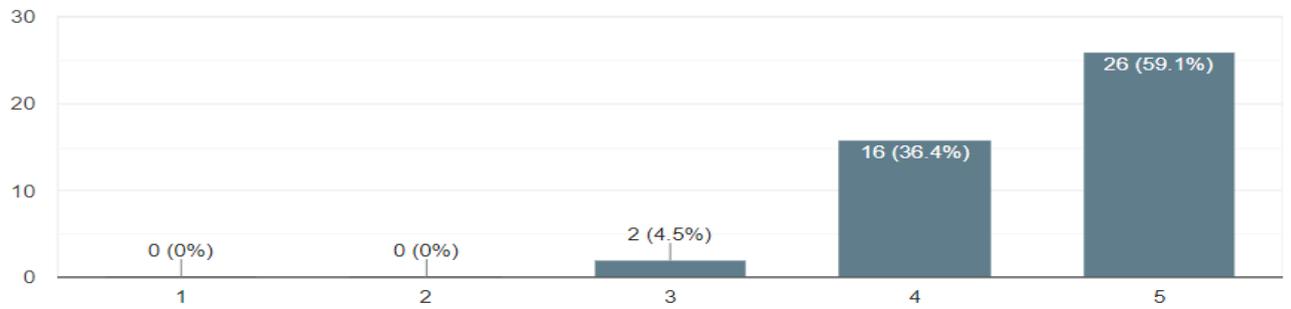
Taha 

## Feedback:

How interesting did you find this Exhibition?

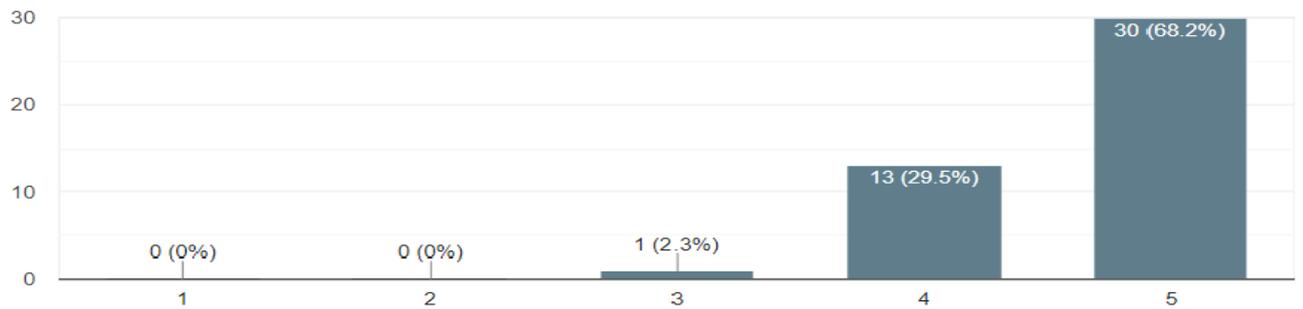


44 responses



Rate the content being delivered

44 responses



Did you feel that you have learned something new from the exhibition?

44 responses



## 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=XhrIN9V5lo8>
-  **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