



Don Bosco Institute of Technology

Colosseum 2021

Report on “ BUILD FROM BASE “

Objective:

- To help students understand how to build chassis of a quad bike.
- To make them understand the basic requirements and calculations while designing the bike.
- To improve their knowledge of working on SolidWorks software.
- To boost and increase their confidence on working and designing on the software.

Outcome:

- Students will be able to enhance their designing skills on SolidWorks software.
- Students will be able to assess their strengths and weaknesses while working on the software.
- Students will get a hands on practice while building the chassis.

Date and Time: 28th March 2021- 02:00 – 06:00 pm

Number of Registrations: 10

Conducted by MADGEAR RACING

Mode of Conduct: Zoom and Google Drive

Description: It's a software based design competition. Participants will have to design the body of a given chassis of a car or quad bike within a given period of time. Participants were given Solidworks file at the start of the competition, on which they will design for 4 hours and submit on the google drive link that was shared, before 6 PM.

Platform : SolidWorks.

- **Challenges faced:**

- Bringing in students to participate in the event.
- Students facing software issues while making the chassis.

- **Key factors for the success of the event:**

- The interest of the students to participate in the competition.
- Simplicity in conducting the event.
- Uniqueness of the subject in the competition.

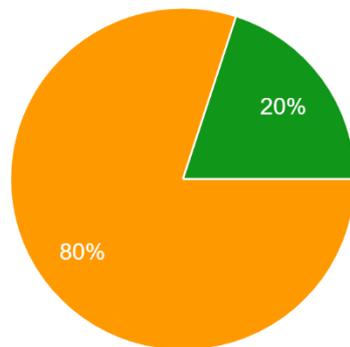
- **Individual learning in organizing the event:**

- Learned to co-ordinate with the team members.
- Learned how to manage a competition online.
- Team management skills while organizing the competition.

Registrations:

Current Year

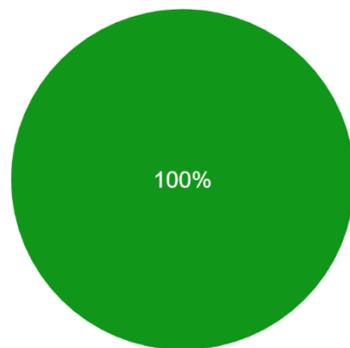
10 responses



- FE / FY
- SE / SY
- TE / TY
- BE

Branch

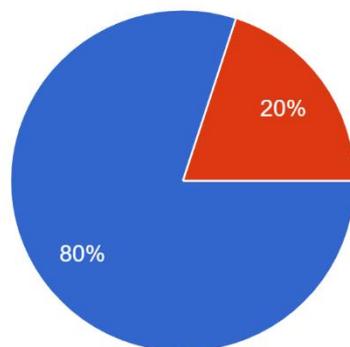
10 responses



- Information Technology
- Computer Science
- Electronics & Telecommunication
- Mechanical

Are you a DBIT student ?

10 responses



- Yes
- No

Winners:

1st – Vishal Achari

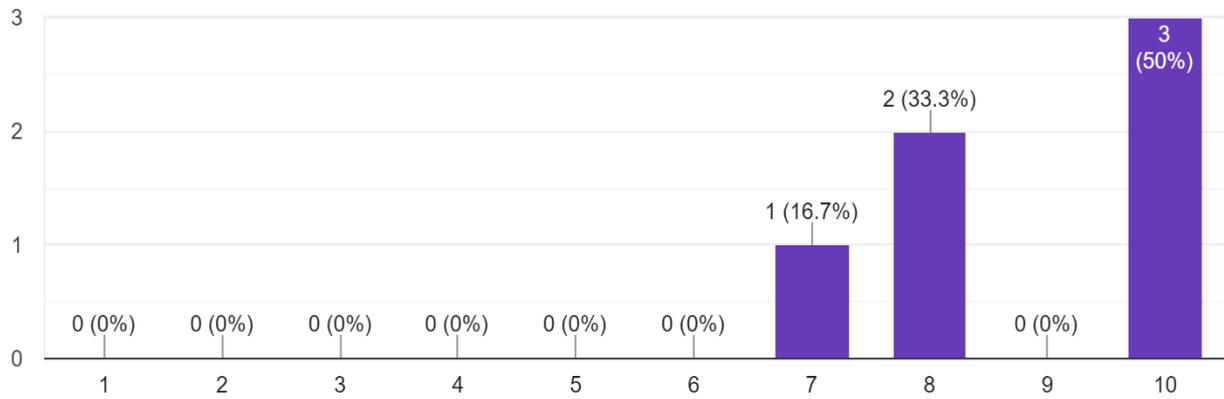
2nd – Sarth Mirashi

3rd – Kunal Khandait

Feedback:

Rating for today's event

6 responses



Poster:

MAD **COLOSSEUM**

In collaboration with Madgear Motorsports Club

BUILD FROM BASE

Solidworks based design competition
Date: 28th March 2021
Entry Fee: ₹30
Prizes worth ₹3000/-

Competition

Report Prepared By: Amish Thekke Parambil

