Department of *Mechanical Engineering*
Report on – Tech Quest 2023

Title: Tech Quest (Treasure hunt)
Date: 15 September 2023
Time: 2:00 pm to 5:00 pm
Venue: DBIT Campus

Target Audience: All department (MECH/EXTC/IT/COMPS)

No. of Participants Present: Total No of group 16 (4 participant each) – 64 participants
Resource Person:

Organization of Recourse Person:

Organizing Department / Committee / Authority: ISHRAE Club in collaboration with the Student Council of Don Bosco Institute of Technology

Faculty Coordinator:

Objectives:
❖ Foster innovation and creativity among engineering students.

❖ Test and enhance logical reasoning skills.

❖ Promote effective communication of engineering concepts.

Outcomes:
❖ Participants showcased their logical reasoning skills in the aptitude test.

❖ Creative engineering concepts were communicated effectively in the TechnoShort competition.

❖ Participants demonstrated teamwork, problem-solving, and engineering skills in the Treasure Hunt.

Detailed Report:

Tech Quest, an event organized on Engineers' Day, the 15th of September, was a collaborative effort between the ISHRAE Club and the Student Council of Don Bosco Institute of Technology. This intellectually stimulating event aimed to foster innovation, creativity, and technical aptitude among engineering students from various disciplines.

Tech Quest featured three major events:

1. Aptitude Test:

The Aptitude Test was the first segment of the Tech Quest event and played a crucial role in assessing and enhancing the participants' logical reasoning skills. This test consisted of a series of challenging questions and scenarios designed to evaluate the ability of the engineering students to think critically and solve complex problems. The questions covered a wide range of topics, including mathematics, analytical reasoning, and logical deduction.

Participants were required to employ various problem-solving strategies and techniques to navigate through the test successfully. The questions were carefully crafted to simulate real-world engineering challenges, emphasizing the importance of sound reasoning and analytical thinking in the field.

The Aptitude Test not only served as a competition but also as a valuable learning experience. It encouraged participants to push their intellectual boundaries, think outside the box, and develop a deeper appreciation for the importance of logical reasoning in engineering. Participants were given feedback and insights into their performance, helping them identify areas for improvement in their problem-solving skills.

2. TechnoShort:

The TechnoShort competition was a creative and communicative segment of Tech Quest that aimed to bridge the gap between complex engineering concepts and effective communication. Participants were tasked with creating 60-second video reels that conveyed engineering ideas or concepts in a clear, concise, and engaging manner.

This segment challenged participants to distill intricate engineering topics into bite-sized, visually appealing presentations. Participants had the freedom to choose their engineering theme, whether it was related to robotics, sustainable energy, or any other field. They were encouraged to use multimedia elements, such as graphics, animations, and narration, to make their presentations both informative and captivating.

TechnoShort not only tested participants' technical knowledge but also their ability to convey that knowledge to a broad audience effectively. It encouraged creativity and innovation in explaining complex engineering concepts in a way that was accessible to individuals with varying levels of technical expertise. The competition fostered the development of communication skills, an essential aspect of an engineer's toolkit.

3. Treasure Hunt:

The Treasure Hunt segment of Tech Quest was undoubtedly the most captivating and exhilarating part of the event. Divided into multiple stages, it provided participants with a real-life adventure that challenged their problem-solving, teamwork, and navigation skills.

The journey began with the first clue received after the Aptitude Test. Participants embarked on a quest that led them through various departments of the institute, each stage presenting unique challenges.

- In the IT Department, participants assembled a computer, emphasizing the importance of practical skills in technology.

- The Computer Science Department introduced a riddle-solving challenge, stimulating critical thinking.

- At the EXTC Department, participants solved complex circuits, demonstrating their technical prowess.

- The Mechanical Department involved navigating to the thermal lab, highlighting the importance of direction and precision in engineering.

- The journey led to the Mechatronics and Microcontroller (MMC) lab, where participants gathered essential supplies.

- Finally, in the Workshop, they utilized the supplies to construct a functioning car, showcasing their engineering and teamwork abilities.

The Treasure Hunt was a metaphorical representation of an engineer's journey, involving challenges and problem-solving akin to those encountered in the field. It promoted collaboration, resourcefulness, and adaptability, essential qualities for any successful engineer. It was a memorable and educational experience that left participants with a profound sense of accomplishment.

These segments collectively made Tech Quest a comprehensive and enriching event, combining the intellectual rigor of the Aptitude Test, the creative expression of the TechnoShort competition, and the adventurous spirit of the Treasure Hunt.
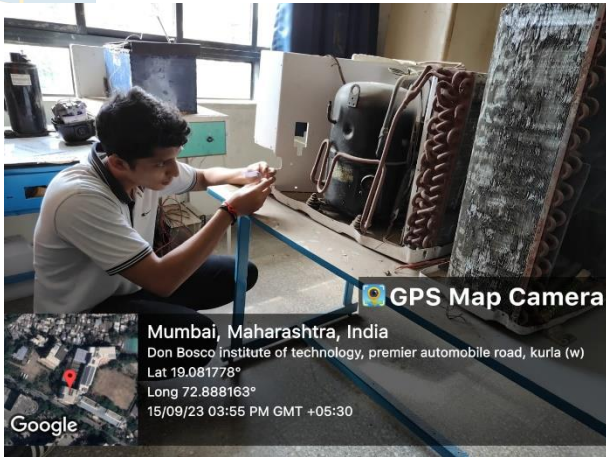
Snapshot of the Event:

Feedback Analysis:

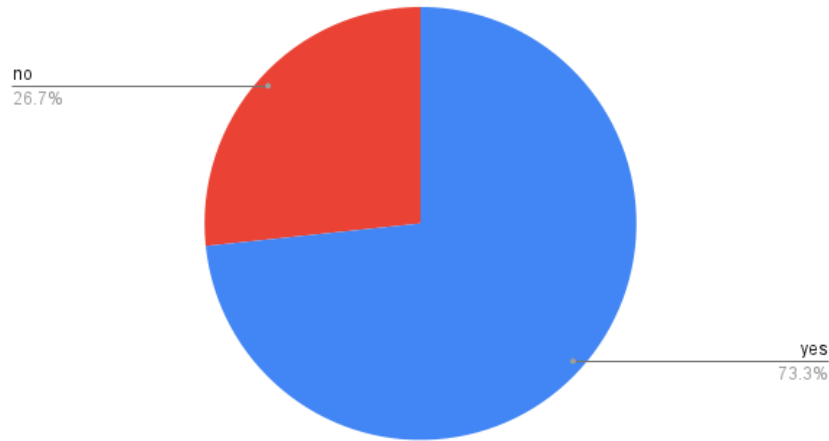How was the event

no
26.7%

yes
73.3%

Did you enjoy the event?
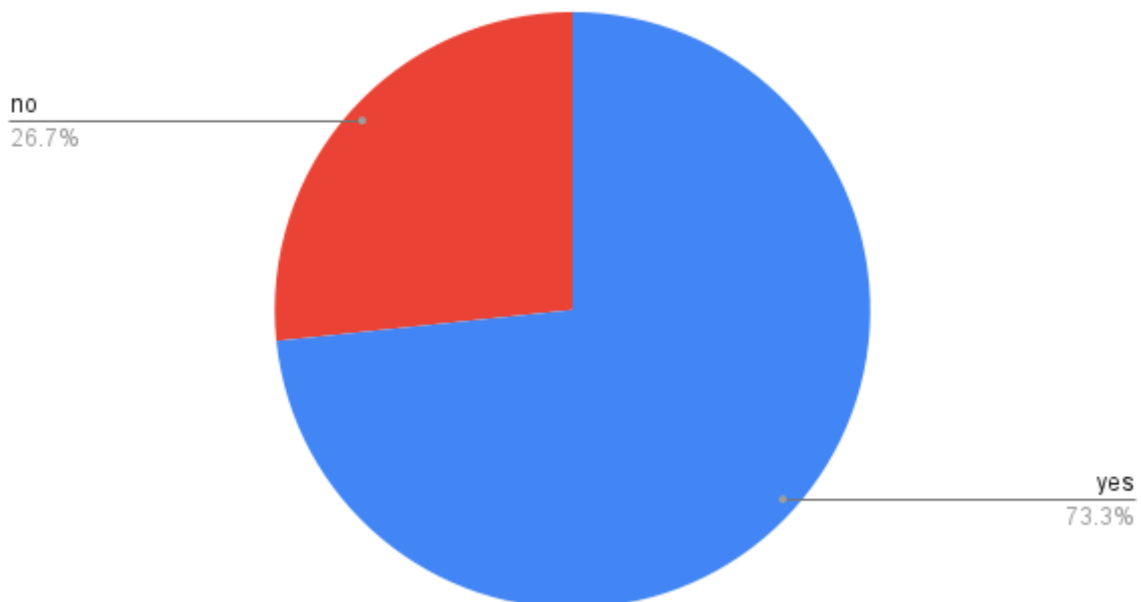
no
26.7%

yes
73.3%

Event Poster:

Social Media Links:

Registration Details:

In case the event is open for non-DBIT students:

No. of DBIT Students:
No. of non-DBIT students:

Include list of students who attended the event.

S. No.	Name	Branch
1	Group 1: REST Susanne Lobo Rucha Tatkare Erica Prasad Tanisha Raorane	 (SE COMPS) (SE COMPS) (SE COMPS) (SE COMPS)
2	Group 2: Salt and Pepper Shaun Menezes Andre Marshal Fernandes Suyash Kadam Jowin Paulose	 (SE COMPS) (SE COMPS) (SE COMPS) (SE COMPS)
3	Group 3: COMPEXT Arkaprabha Ghosh Sarvesh Tikekar Prathamesh Kurdekar Akash Belgaonkar	 (SE COMPS) (SE COMPS) (SE EXTC) (SE EXTC)
4	Group 4: The heckers Sankalp Rai Roshelle Rozario Nisha Singh Raj Soni	 (SE COMPS) (SE IT) (SE EXTC) (SE MECH)
5	Group 5: Ligma Siddharth Gosavi Ishteqali khan Sookret kandpal Nathan Pimenta	 (SE COMPS) (SE COMPS) (SE COMPS) (SE COMPS)
6	Group 6: Tech Titans Vedika Mathews Yashi Nimje (Suraj Naik Ben Furtado	 (SE MECH) SE EXTC) (SE COMPS) (SE IT)
7	Group 7: Hera Pheri Narayan Dalvi Prerana Gawale	 (SE EXTC) (SE EXTC)

	Purva Dalvi	(SE EXTC)
	Aditya Dabhade	(SE EXTC)
8	Group 8: TechExplorers	
	Shaikh Iqra Munna	(SE COMPS)
	Shaikh Shaizy Sarosh	(SE COMPS)
	Lenoy Geo Thomas	(SE IT)
	Nomaan Choudary	(SE EXTC)
9	Group 9: Techflix	
	Vaz Salvi Albert	(SE COMPS)
	Aditya Shetty	(SE EXTC)
	Sagnik dattatray ulvekar	SE COMPS)
	Amrute Harsh Durgesh	SE COMPS)
10	Group 10: Tech Trailblazers	
	Avadhoot Pawaskar	(SE IT)
	Rostan Martin Lobo	(SE IT)
	Aniruddh Phadtare	(SE IT)
	Akshay Sanjay Raskar	(SE IT)
11	Group 11: Titans	
	Domnic D'Souza	(SE)
	Mohd Tausif Shaikh	(SE)
	Aymaan Fernandes	(SE)
	Reece Austin Fernandes	(SE)
12	Group 12: 3 idiots	
	Nabil Shaikh	(TE MECH)
	Bhavik Patil	(TE MECH)
	Christopher Vaz	(TE MECH)
	Alden Fernandes	(TE MECH)
13	Group 13: Ramsom Group	
	Sanjay Yadav	(SE COMPS)
	Narendra Dukhande	(SE IT)
	Yash Khatpe	(SE COMPS)
	Mahant Deshmukh	(SE COMPS)
14	Group 14: Team no 1	
	Albaz Khan (TE)	
	Ayaan shah (TE)	
	Rahul shah (TE)	
	Aryan Iraani (TE)	
15	Group 15: Tech Stars	
	Shreyas Nanaware	(BE EXTC)
	Sanskar Kumar	(BE EXTC)
	Suraj Kuma	(BE EXTC)
	Deep Patel	(BE EXTC)

16	Group 16: Nerf herders	
	Savin Johnson	(SE)
	Omkar dhebe	(SE)
	Gopal Jha	(SE)
	Alston Oman	(SE)

Report Prepared By:

Name of the Student:

Post of the student:

Report Approved By:

Name of the Faculty:

Post of the Faculty