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COMPETITIONS

Competitions play a crucial role in the academic and professional development of B.Tech (Bachelor of Technology) students. These competitions can be categorized into internal and external competitions, each offering unique opportunities for students to showcase their skills, learn new concepts, and network with professionals in their field. Here's an overview of both types:

Internal Competitions

Tech Fests:

Description: Internal technical festivals or fests often include various competitions like coding challenges, robotics competitions, and paper presentations.

Benefits: Offers a platform for students to exhibit their technical prowess, interact with industry professionals, and gain exposure to emerging technologies.

External Competitions

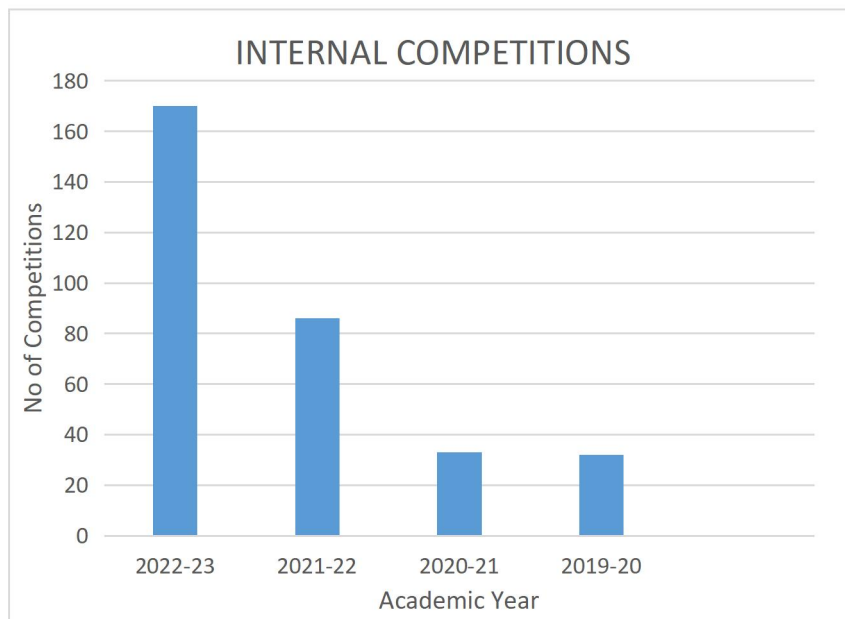
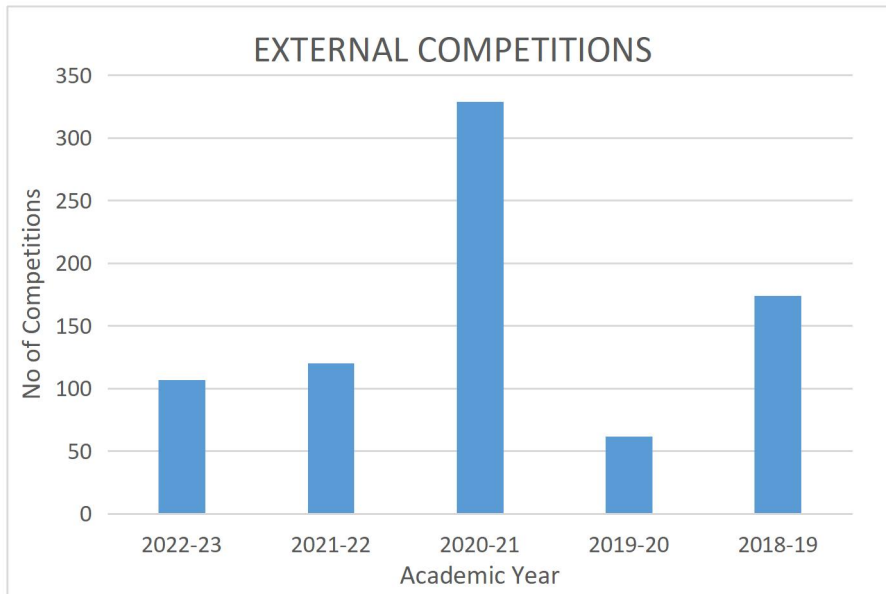
Innovation Challenges:

Description: Companies and organizations often organize innovation challenges where students propose solutions to real-world problems.

Benefits: Encourages innovation, exposes students to industry challenges, and provides networking opportunities.

Participating in both internal and external competitions is an excellent way for B.Tech students to complement their academic learning, gain practical experience, and prepare for the challenges they will face in their future careers.

BAR CHART



SIEP E-Bike Challenge 2023
Final Event – 14 April 2023 to 18 April 2023
Report

17 students from ME Department and two staff members from Vimal Jyothi Engineering College are participated in the SIEP E-bike challenge conducted ISIE India at Galgotia University. The date of event was from 14 April 2023 to 18 April 2023. For participating in the event students fabricated an electric bike and transported to Galgotia University, Gr. Noida. The details of events are as follows-

Day 1

Inauguration by Mr. Druv Galgotia - CEO of Galgotia University. Then after Team registration and allocation ID cards to the students. On First day there was a round called safety inspection round. In this round students submitted the various safety features like driver suit, helmet, gloves, goggles, first aid box etc.

Day 2

Team lined up for technical inspection. In the technical inspection various experts examined the vehicle and suggested few modifications. Students were given one day to make changes and resubmit for technical inspection.

Day 3

The changes were made on the vehicle and resubmitted for technical inspection. The vehicle cleared the technical inspection round. Next round was design and innovation round. In this round students explained about the various design aspects of the vehicle and innovations made on the vehicle.

Day 4

On day four first round was Brake test. For this event driver has to drive the bike on a 50 meter track and acquire maximum acceleration and apply brake. The bike should stop within minimum braking distance. Our team passed the brake test in first attempt. The next round was acceleration test. In this round the bike has to cover 50 meter track with minimum time. Our team completed the track in 8 seconds. The next round was hill climb and off-road. In this round the bike has to cover a particular track designed by event team. Our bike completed the track without stopping.

Day 5

On this day the final round was durability round. In this round the bike has to complete the 25 round of 2.5 KM track. In this round our team completed 15 KM and stopped due to Battery problem. Only two team of total 20 bikes completed this event. The last event was presentation ceremony. Our team achieved Future award for completing all the rounds.





Team Members:

1	JOEL MATHEW
2	SREERAJ P
3	JOMY AUGUSTINE
4	MUHAMMED AFLAH M
5	ALBIN ABRAHAM
6	AJNAS AK
7	ABHINAV KT
8	AJUL SASI MK
9	ALAN KURIAKOSE
10	ALOK BABU
11	ASWIN M
12	SANJAL ALEX CHACKO
13	ABHIN BABU
14	AJITH JAMES
15	MILAN S CHALIL
16	VISHNU PRAKASH
17	BENEDICT J SEBASTIAN

Faculty Members :

Mr. NIYAS KM

Mr. ANIL JOHNEY

Report Prepared by:

Mr. Niyas KM

Assistant Professor

Department of Mechanical Engineering



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RTET'20

ONLINE NATIONAL CONFERENCE ON
RECENT TRENDS IN ENGINEERING AND
TECHNOLOGY

CERTIFICATE OF PRESENTATION

THIS IS TO CERTIFY THAT

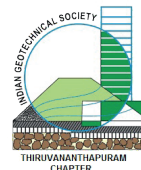
Mr. Abhin Chandran

presented a paper titled **SMART HELMET FOR MINE WORKERS BASED ON IOT** at the
1st Online National Conference on Recent Trends in Engineering and Technology
(RTET'20), on 20th & 21st June 2020.

Mr. A N Abhijith Kumar
Convenor

Dr. Jitha B
Co-ordinator

Dr. A Benham
Principal





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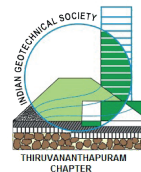
Mr. Joyal Joy

presented a paper titled **SMART HELMET FOR MINE WORKERS BASED ON IOT** at the
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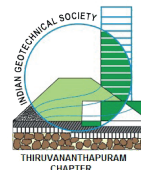
Mr. Neeraj K

presented a paper titled **SMART HELMET FOR MINE WORKERS BASED ON IOT** at the
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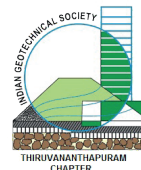
Mr. Vishnu

presented a paper titled **SMART HELMET FOR MINE WORKERS BASED ON IOT** at the
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Mr. A N Abhijith Kumar
Convenor

Dr. Jitha B
Co-ordinator

Dr. A Benham
Principal





VIMAL JYOTHI
ENGINEERING COLLEGE
JYOTHI NAGAR, CHEMPERI P.O, KANNUR,
KERALA - 670632



Certificate of Participation

This certificate is presented to

Mr./Ms. **ABHINAV VM**

for participating in
Junkyard Wars

organized as part of the annual national level techfest Tantra '22 held on December 5, 2022.

Dr. Jeethu V. Devasia
Techfest Coordinator



Dr. Benny Joseph
Principal



VIMAL JYOTHI
ENGINEERING COLLEGE
JYOTHI NAGAR, CHEMPERI P.O, KANNUR,
KERALA - 670632



Certificate of Participation

This certificate is presented to

Mr./Ms. **ABHINAV.V.M**

for participating in
Interfuse

organized as part of the annual national level techfest Tantra "22 held on December 5, 2022.

Dr. Jeethu V. Devasia
Techfest Coordinator



Dr. Benny Joseph
Principal