

# Technical Club

Shri Ramdeobaba College of Engineering and Management, Nagpur - 13



## Annual Club Report 2022-23

Technical Club, RCOEM (Shri Ramdeobaba College of Engineering and Management) is the technical club of the college. The club operates under the guidance of Prof. Alok Jha, who serves as the Faculty Coordinator for the Technical Club. The club deals with all the technical activities ranging from building websites, making amazing robots or designing radio-controlled aircraft and drones. We have also won various prizes in these fields.

### Line Follower Workshop

The workshop was conducted on 6<sup>th</sup> of September 2022 in Electronics Auditorium from 4PM to 5PM. The workshop explained the working of a simple Line Follower Robot. The registered participants were 80+. This workshop was only for RCOEM students. The workshop was conducted smoothly without any difficulty.



### Drone Workshop

This seminar was an inter-college workshop on 11<sup>th</sup> of September 2022 in Main Auditorium from 9:15 AM to 10:15 PM. The Flying Club which is a part of Technical Club gave the seminar. The workshop explained the basic working of drone to the participants. There was also a demo given on flying of a drone. We received a total of 14 participants and 8 club juniors also participated in the workshop. They were given refreshments and all of them really enjoyed the workshop. Their feedback was very positive.



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## Line Follower Competition (De-Techt)

The competition was on 11<sup>th</sup> September 2022 in the Main Auditorium from 11 AM. In this competition the teams had to bring their robots then the track will be shown to them and then they will make some adjustments and compete after testing their bot twice. The track was displayed to the teams at 11 AM. They were to be given an hour as preparation time but the teams faced some difficulty in completing their robots so the testing got delayed. The testing finally started at 2 PM. Each team completed their testing twice. We gave them some refreshments and also interacted with the team members. Then we started the final run at 3 PM. Every team performed at there best and the winner team was decided by the total points they gained.



## Winners

1<sup>st</sup> Position: Team Robotic Ablaze

Nandini Bondre  
Ajit Ghawghawe  
Sanika Deshmukh



2<sup>nd</sup> Position: TechFizer

Gaurav Bankar  
Sarah Farooqui



3<sup>rd</sup> Position: Team Robogurus

Anushree Jain  
Kapil Deshpande  
Hiranya Dewalkar  
Parthesh Patil



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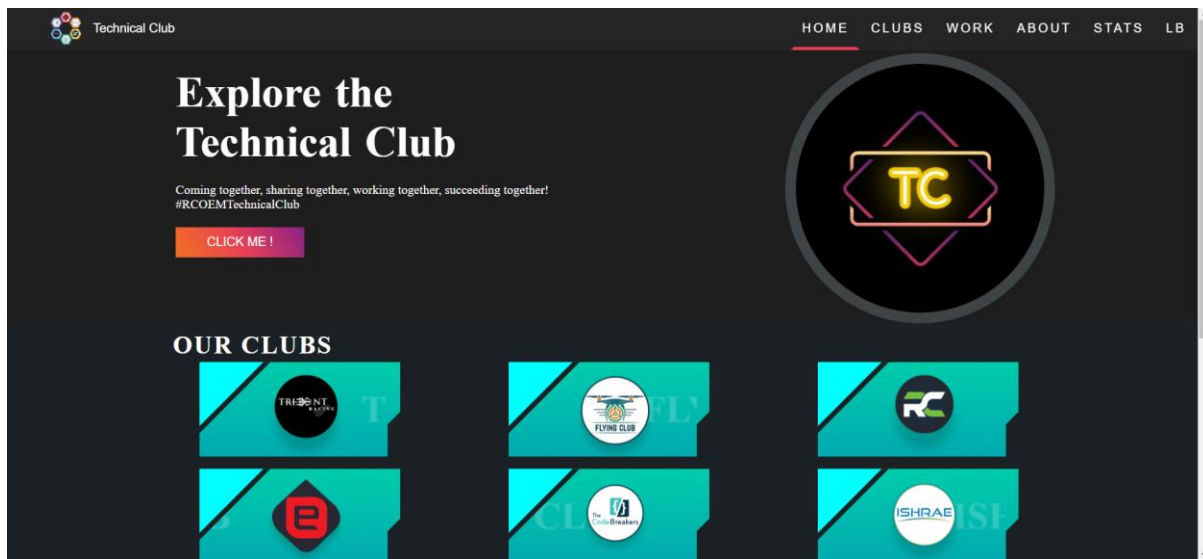
## Robo Drive

RC Car Obstacle Race Competition: This event challenged participants to design and control remote-controlled cars to navigate through various obstacles. It tested their ability to apply engineering principles and teamwork.

## Website

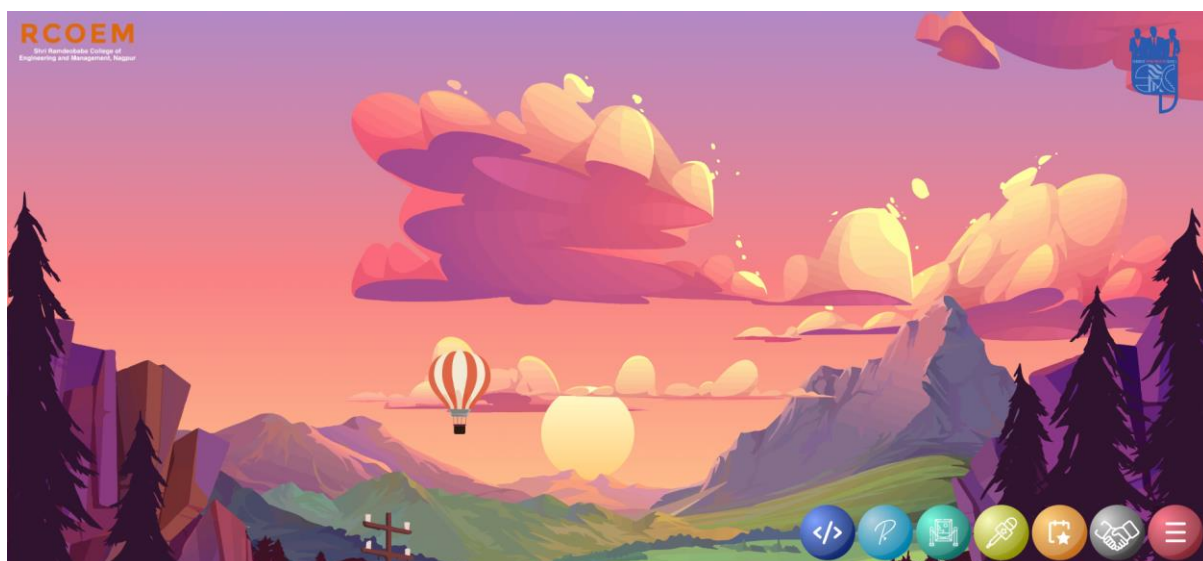
Renewed our website: The club took the initiative to revamp its website, enhancing its functionality and user experience. This update aimed to provide a more engaging platform for members and visitors to access information about the club's activities and resources.

The club website: <https://rcoem-technical.club/>



Also we made the Pratishruti'23 website:

<https://rcoempratishruti.com/index.html>





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## Robo Drive 2.0

Building on the success of the previous Robo Drive event, the club organized Robo Drive 2.0. This event aimed to further challenge participants' controlling robots in a competitive environment.



## Achievements

Sr. No.	Competition	Position	Participants	Date of the Event
1	Hackanova 2.0 TCET Open Innovation	Winner	Madhav, Harsheet and Sarvesh	
2	CodeFury	Winner	Madhav and Jiya	
3	Autocoders GCOEM	Winner	Madhav	
4	IITB Techfest Zonals codecode	3rd	Madhav	
5	IITB Techfest Meshmerize	Finalist	Gaurav Bankar	16 - 17 Dec 2022
6	Designex 2.0 VIT-AP	Winner	Vinayak Soni	29 Jan - 2 Feb 2023
7	IISF-SIF (MANIT Bhopal)	AIR 13th	Ayush Namdev	21 to 24th Jan 2023
8	Google Cloud Digital Leader Certification	Certification Cleared	Krishna Mundada	
9	IDRL S7Ep6 @ Amalthea 2022, IIT Gandhinagar	7th position	Tanuj	21st and 22nd Jan, 2023
10	IDRL S7Ep8 @ Technex-23, SPVCET, Nagpur	7th Position	Tanuj	9th & 10th , Feb, 2023