

Electronics & Telecommunication Department

One Day National Level Technical Symposium "Technofest-2024"

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| Academic Year: 2023-24 | Sem: II |
| Targeted Audience: Students from different Engineering and Polytechnic Colleges. | Duration: 07 hours Date & Time: 13-04-2024 09:00 AM to 04:00 PM |
| Organizing Body: ASSET and IQAC | Venue: E&TC Department |

Guests: Honorable CMD Dr. Ravindra G. Sapkal,

Honorable Vice Chairperson Kalyani Sapkal Madam.

Special Guest: - Shri. Shreekant Patil, Founder and Mentor, Startup India, Nashik

Event I

Event Name: Project Competition

A. Title of the Event

1) Project Competition

B. Objectives of the Practice

To nurture young minds to appreciate complex problems and to think of innovative solutions either to alleviate prevalent problems or to improve the quality of life become the responsibility of technical institutions.

- The purpose for conducting project competition is to enhance the knowledge of students and motivate them to compete in global competitive engineering field.
- Young learners get an opportunity to present their innovative ideas amongst various competitors.
- The project competition provides an excellent platform to the students to showcase their talent, research orientation and untapped potential.

C. The Context

This is an initiative to promote the creative thinking among the students of allied engineering branches. It aims to provide a platform for young learners to present their innovative ideas, research orientation and untapped potential. This event will also help the participants to interact with other innovative minds and get access to the latest developments in industry. A team spirit is formed while improving the students' confidence, and their thinking, searching,



and communication skills

D. The Practice

Date: 13-04-2024 Time : 9.00 AM to 4.00 PM

Judge for Event:- Prof.(Dr).D.D.Dighe

Head, E&TC Department

M.C.E.R.C, Odha, Nashik

Prizes:

- First Prize of Rs.2000/-
- Second Prize of Rs.1000/-

E. Evidence of Success

Winners for the Events:-

1. Project Competition

| Number | College Name | Project Name | Student Name |
|------------------------|--|---|--|
| 1 st winner | Sanjivani College of Engineering, Kopargaon | Smart Parking System | 1. Shirsath Komal. 2. Gavade Vishal. 3. Nale Prerana. 4. Kulkarni Sakshi. |
| 2 nd winner | L.G.N.S.C.O.E, Nashik | An IOT Based Leaf Disease Identification and controlling using Arduino UNO. | 1. Kolhe Rahul. 2. Jadhav Priyanka. 3. Patil Mayuri. 4. Kute Harshal. |

Event II

Event Name: Roborace

A. Title of the Event :- Roborace Competition.

B.Objectives:

- To provide an Innovative platform for upcoming engineers to present their ideas and Technical skills by participating in various organized events.
- Main objective of this event is to interact with new types of robots and introduction and invention of the technology.



- In terms of processing speed, reaction time, high speed, two-way communication [the technology] will be applied.
- In terms of hardware, software and types of batteries used by different teams.
- The ultimate goal is to use the technology developed on the racetrack to help prevent 1.35 million road deaths every year.

C. The Context (challenging issues):

- The first and main challenge is to design a track which produces interest to students and same time gives a little bit challenge of completion over it.
- The challenge is to build your robot either wired or wireless within the specified dimensions (as mentioned in the specifications) to achieve the maximum speed and beat other robots on a given track to reach the finishing line in a minimum time.
- Only Electrically powered Robots are allowed in the competition.
- Batteries must be sealed, immobilized electrolyte type (gel cell, lithium, NiCad, or dry cells).
- The battery can be placed on the robot or can be carried in hand by the robot operator in the case of the wireless robot.

D. The Practice:

- A maximum of 04 members are allowed in each participating team.
- Registration fee: 50/- per team
- Multiple teams from the same school/college can participate in the competition.
- The decision of the judges will be final and abiding. Arguments with judges in any form will lead to the disqualification of the team right away.
- Each checkpoint carries different types of hurdles. Successfully clearing the checkpoints will add points to the total tally.
- Robots causing deliberate interference with other robots or damaging tracks will be disqualified.
- Decisions of the Judges and Event Organizers shall be treated as final and binding on all.



E. Evidence of Success

Winners of Roborace

| Number | College Name | Student Name |
|------------------------|---|--------------------|
| 1 st winner | M.E.T, Bhujbal Knowledge City, Nashik | 1. Nandre Hitesh. |
| 2 nd winner | M.E.T, Bhujbal Knowledge City, Nashik | 1. Parerav Darshan |

For First prize Cash of Rs 2000/- and Memento, for second prize Cash of Rs 1000/- and Memento was given.

Event Concluded by formal vote of thanks by Prof.M.S.Borse, followed by National Anthem.

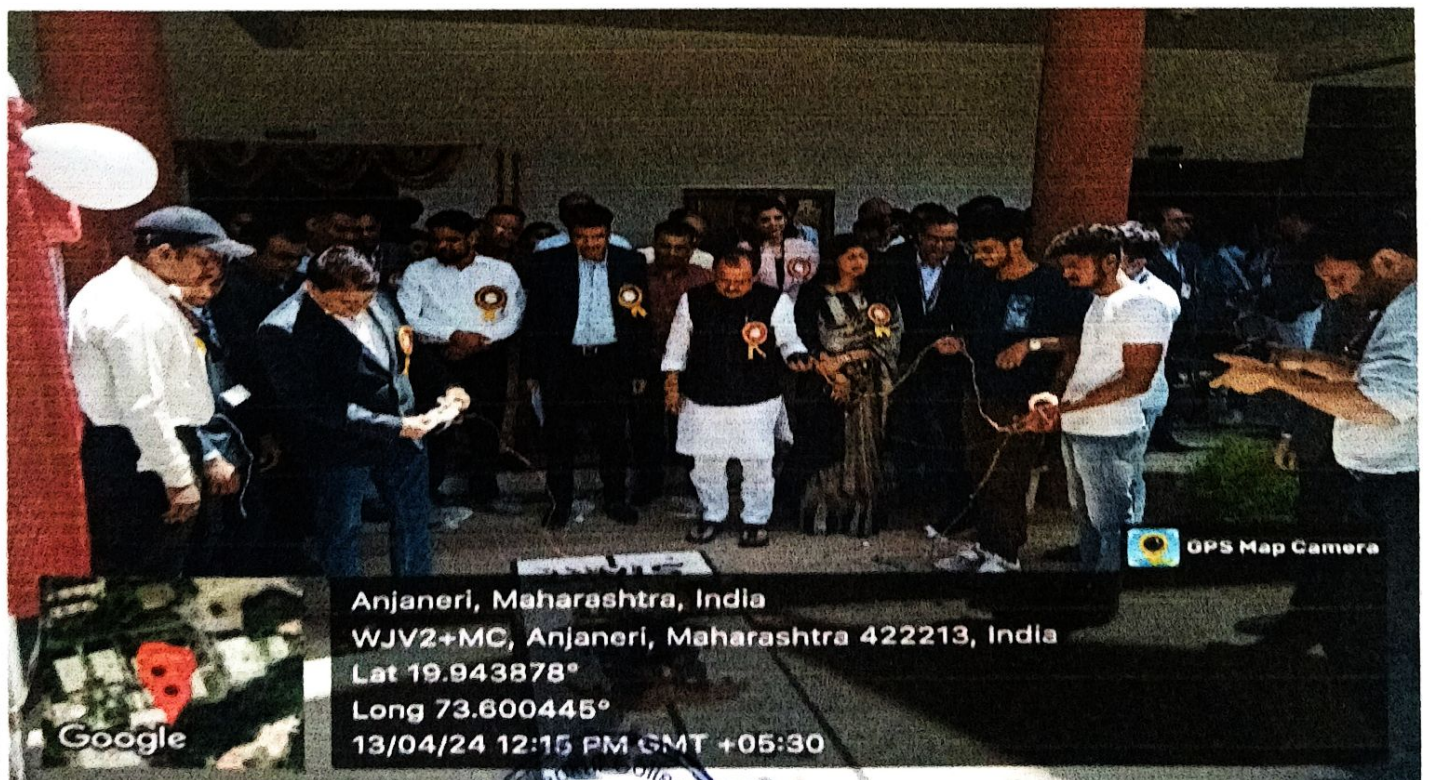
Evidences attached:

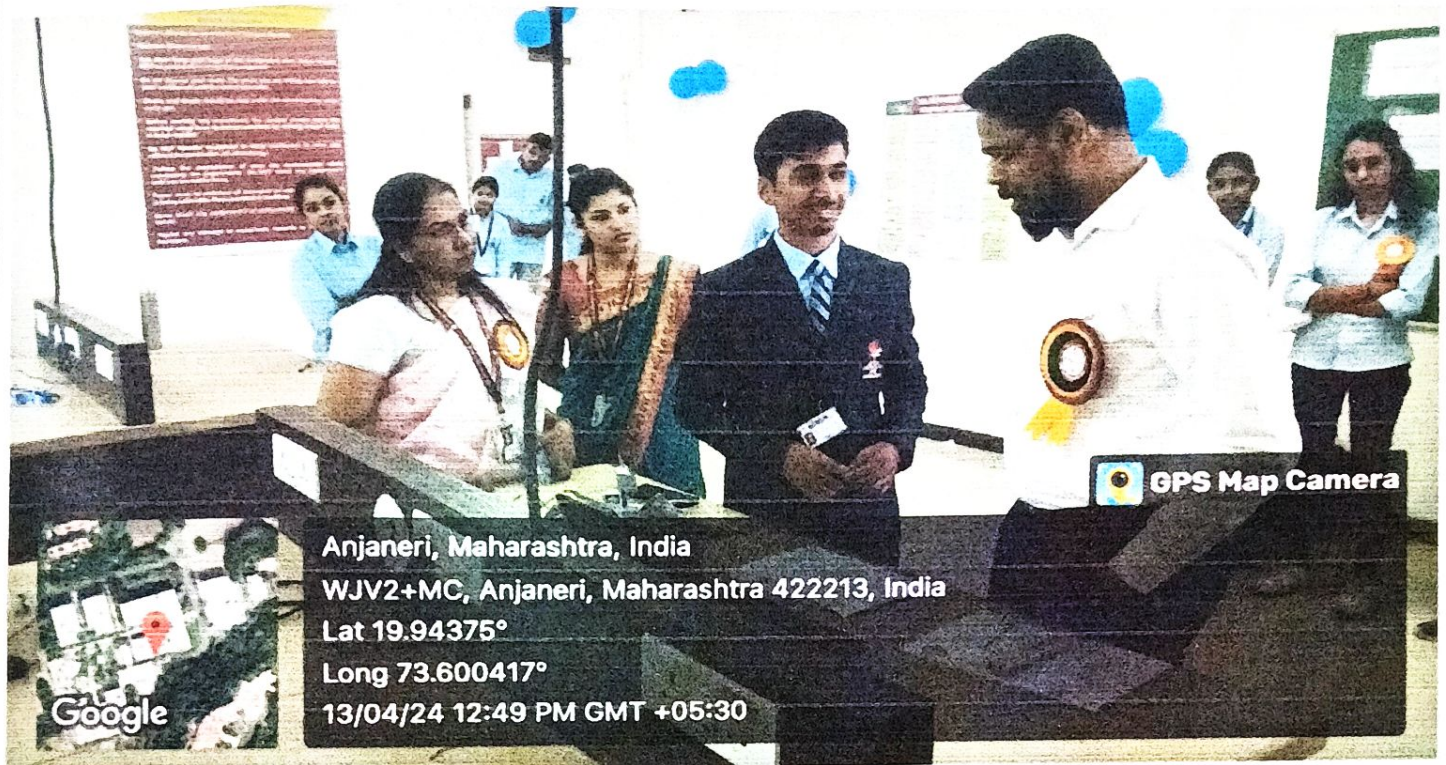
1. Attendance Sheet.
2. Result sheet.
3. Feedback Form filled by Judges and Participants.
4. Photographs.

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Photographs:-





संमिश्र

लोकनामा

अभियांत्रिकीच्या विद्यार्थ्यांचा विज्ञानाविष्कार

सपकाळ अभियांत्रिकी महाविद्यालयात "एस.के.एच. टेक्नोफेस्टचे आयोजन"

लोकनामा प्रतिनिधी

नाशिक : संपूर्ण देशात विद्यार्थ्यांनी विविध विषयांमध्ये अभियांत्रिकी क्षेत्रात आपले कौशल्य दाखवण्यासाठी आयोजित केलेल्या 'एस.के.एच. टेक्नोफेस्ट २०२०' या स्पर्धेमध्ये सपकाळ अभियांत्रिकी महाविद्यालयाने उत्कृष्ट कामगिरी दाखवली आहे. या स्पर्धेमध्ये विद्यार्थ्यांनी विविध विषयांमध्ये आपले कौशल्य दाखवण्यासाठी आयोजित केलेल्या 'एस.के.एच. टेक्नोफेस्ट २०२०' या स्पर्धेमध्ये सपकाळ अभियांत्रिकी महाविद्यालयाने उत्कृष्ट कामगिरी दाखवली आहे.



सपकाळ अभियांत्रिकी महाविद्यालयात आयोजित झालेल्या 'एस.के.एच. टेक्नोफेस्ट २०२०' या स्पर्धेमध्ये विद्यार्थ्यांनी विविध विषयांमध्ये आपले कौशल्य दाखवण्यासाठी आयोजित केलेल्या 'एस.के.एच. टेक्नोफेस्ट २०२०' या स्पर्धेमध्ये सपकाळ अभियांत्रिकी महाविद्यालयाने उत्कृष्ट कामगिरी दाखवली आहे.

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S.G. Bagul

Prof.S.G.Bagul

Department Coordinator

S. B. Borse

Prof. S. B. Borse

HOD, E&TC Dept and Chief Coordinator.

Vikram Kolhe

Prof.(Dr) Vikram Kolhe

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S. B. Bagal

Prof. (Dr.) S. B. Bagal

Principal, LGNSCOE

**Prof.(Dr.) Sahebrao B. Bagal
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