



Department of Electrical Engineering

Academic Year: 2024-25

Students' Achievements

Sr No	Achievement	Year
1	All India Rank 2 in Best Aerodynamic Analysis (CFD) in SAE DDC (Drone Development Challenge) 2024 held at SRM, Chennai in August 2024 Students (Final Year): Vaibhav Chavan, Omkar Ghag	SH24
2	First Prize IEI Mini Project Competition organized by Electrical Engineering Department, FCRIT, Vashi. 17 th August 2024 Student Names (TE): Geber DE SA, Shreyas Shigam, Rani Lugde	SH24
3	Second Prize IEI Mini Project Competition organized by Electrical Engineering Department, FCRIT, Vashi. 17 th August 2024 Student Names (TE): Ranvir Mathadu, Atharva Patil, Hitesh Patil, Mahesh Epili	SH24
4	Third Prize IEI Mini Project Competition organized by Electrical Engineering Department, FCRIT, Vashi. 17 th August 2024 Student Names (TE): Neena Chauhan, Isha Dewangan, Hrutuja Khamkar	SH24
5	Second Prize in event "Naadsphurti" subcategory "Kavita Sadarikaran" at Intercollege competition organized by SIES, Nerul. Student Name (TE): Sanket Dinkar	SH24
6	First prize in Spark-A-Thon 2024 organized by E-Cell FCRIT. Student Names (SE): Akshaya Balam, Tanish Thakare, Aditya Shetye, Vedant Patare	SH24
7	First runner up in Football (Boys) at Mumbai University Intercollegiate Sports 2024-25 (Thane Zone -3) Student Name (SE): Kartik Solunke	SH24
8	Second runner up in Basketball (Girls) at Mumbai University Intercollegiate Sports 2024-25 (Thane Zone -3) Student Name (SE): Arya Nikam	SH24
9	IEI Scholarship of INR 6000 to following students Ms. Swagata Laxmi Das (Second Year) Ms. Hrutuja Shrikant Khamkar (Third Year) Mr. Satwik Panda (Third Year) Mr. Sarthak Ramvriksh Varma (Final Year)	FH25
10	BE Poster Presentation Competition Winners <ul style="list-style-type: none">1st Prize to project titled, 'Development of MPPT P&O System for Synchronous Wind Turbine Generator', by students Siddhesh Daingade, Punit Revannavar, Shshank Shetty, Sarthak Varma2nd Prize to project titled, 'Electric Mobility Bicycle', by students Vikram Kamble, Yash Kohad, Om Prabhu, Vinayak Salunkhe	FH25



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11	1 st Prize and cash prize of INR 5000 to team Pedal to Power comprising of students Vikram Kamble, Yash Kohad, Om Prabhu, and Vinayak Salunkhe for their final year project at Tantravihar organized by Vidyalankar Institute of Technology .	FH25
12	All India Rank 1 in Overall Performance and All India Rank 3 in Safe Design System to Team Thestral of Aero FCRIT in SAEISS ADDC 2025 (Autonomous Drone Development Challenge) held at KCG College of Engineering, Chennai. Following Electrical students were part of the team Aditya Brahmanekar (Second Year)	FH25
13	All India Rank 3 to Team Garuda of Aero FCRIT in Best Aerodynamic Analysis (CFD) in SAEISS DDC (Drone Development Challenge) 2025 held at Karpaga Vinayaga College of Engineering and Technology Following Electrical students were part of the team 1. Soham Shinde (Third Year) 2. Vishnu Vardhan (Second Year) 3. Shravani Shinde (Second Year)	FH25
14	Sahil Chaugule from Second Year Electrical secured 2 nd runner up position in the prestigious StartFit Arena pitching competition held by Ecell FCRIT for idea 'AI – powered glasses'.	FH25
15	2 nd Runner up and cash (INR 4000) Prize to project titled, ' Development of MPPT P&O System for Synchronous Wind Turbine Generator ', by students Siddhesh Daingade, Punit Revannavar, Shshank Shetty, Sarthak Varma at Tantragyan 2025 , hosted by Lokmanya College of Engineering.	FH25
16	2 nd Prize in FCRIT AVISHKAR 2025 , 'A National Level Project Competition' organized by IEI Electrical Students Chapter in collaboration with IEI Navi Mumbai Local Center for project titled 'Design and Development of MPPT System for Wind Turbine Generators'. The project group members names are Sarthak Varma, Siddhesh Daingade, Shshank Shetty, and Punit Reannavar	FH25



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Staff Achievements

Sr No	Achievement	Year
1	Successful completion of 12 WEEK online NPTEL course and being topper in the exam with 79% overall score. <i>Staff name: Rashmi Kale</i>	SH24
2	Keynote speaker to deliver Webinar on topic "Transformer-less Photovoltaic-Grid Interface for Distributed Generation" under IEEE BSMRSTU Students Branch in collaboration with IEEE Prime University Students Branch. <i>Staff Name: Dr. Mini Rajeev</i>	SH24
3	Copyright registration in name of Dr. Bindu S for title “ Guided Worksheet on Development of Equivalent Circuit of a Six Pulse Converter With Grid Control and Overlap ”.	SH24
4	Best paper award to Dr. Mahendra Rane and Mr. Abhishek Shiwalkar for presenting paper titled ‘ Hardware Implementation of V/F Control for Solar Water Pumping System ’, at 2024 IEEE 1st International Conference on Green Industrial Electronics and Sustainable Technologies (GIEST – 2024) organized by NIT, Manipur.	SH24
5	Dr. Mini N received appreciation through incentive mechanism policy and incentive of amount 5000/- INR.	FH25



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Academic Year: 2023-24

Students' Achievements

Sr No	Achievement	Year
1	First Prize (Member of the winning team) at Intercollegiate Football Tournament Thane Zone under University of Mumbai. Student Name: Mr. Shubham Kushwaha.	SH23
2	Best Technical Presentation Third Prize at 8 th SAEINDIA Southern Section Drone Development Challenge 2023. Student Name: Mr. Sarthak Varma, Jayesh Oturkar	SH23
3	Winner: SAEINDIA Southern Section Autonomous Drone Development Competition (ADDC) – 2023. Student Names: Mr. Saurabh Kaduskar (Team Captain) Mr. Pratim Parab (Avionics Head) Mr. Anubhav Panda (Technical Head) Mr. Mohit Rajput (Testing Head) Mr. Sarthak Varma	SH23
4	Winner: (Member of Winning Team) at Intercollegiate Basketball Tournament 2023-24 Thane Zone under University of Mumbai. Student Name: Mr. Shivam Prasad	SH23
5	Third Third Prize: (Member of the Team) at Inter Zonal Basketball Tournament 23-24 organized by University of Mumbai. Student Name: Mr. Shivam Prasad	SH23
6	Two groups from TE and BE Electrical won the Zonal Round Competition on IoT organized by IIT-Varanasi and qualified for the final round to be conducted at IIT Varanasi during Technex 2024 on 17 th March 2024.	SH23
7	First prize for Project Poster Presentation Competition at FCRIT Vashi Project Title: Power sharing control for Battery and UC based Hybrid Electric source for EV application. Students: Anamika Sharma, Piyush Khaire, Siddhesh Deshmukh, Dhanashree Talele	FH24



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8	Second prize for Project Poster Presentation Competition at FCRIT Vashi Project Title: Grid Interfacing of Transformerless Photovoltaic Inverter Students: Ganesh Jadhav, Sushant Khetle, Trupti Gajre, Baljot Kaur	FH24
9	Second prize for Project Poster Presentation Competition at FCRIT Vashi Project Title: Design and development of Gyromotor and its power modulator. Students: Saurabh Kaduskar, Pratim Parab, Anubhav Panda, Mohit Rajput	FH24
10	First prize in FCRIT-Avishkar: A National Level Project Competition Title of Project: Design and development of Gyromotor and its power modulator. Students: Saurabh Kaduskar, Pratim Parab, Anubhav Panda, Mohit Rajput	FH24
11	Thirs prize in FCRIT-Avishkar: A National Level Project Competition Project Title: Power sharing control for Battery and UC based Hybrid Electric source for EV application. Students: Anamika Sharma, Piyush Khaire, Siddhesh Deshmukh, Dhanashree Talele	FH24
12	Team Thestral Ranked Third amongst 20 Teams in Sky Maneuver at IIT Roorkee on the occasion of COGNIZANCE an Annual Technical Fest of IIT Roorkee. Student Team members from Electrical department include: Saurabh Kaduskar (BE) Anubhav Panda (BE) Pratim Parab (BE) Sarthak Varma (TE) Soham Suryawanshi (SE)	FH24



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Staff Achievements

Sr No	Achievement	Year
1	Dr. Bindu S awarded with “IEI NMLC FCRIT Award for Academic Excellence – HOD”	SH23
2	Dr. Sushil Thale awarded with “IEI NMLC FCRIT Award for Academic Excellence – Teaching Faculty”	SH23
3	PhD Completion of candidate guided by department.	SH23
4	Best paper award to Dr. Mahendra Rane, Rashmi Kale and Abhishek Shiwalkar for paper presentation at International conference.	FH24