

# THE CURRENT POST

## About The Institution



PES's Modern college of Engineering was established in June 1999 under the guidance & leadership of visionary Chairman Honorable Prof. Dr. G. R. Ekbote. The College is approved by AICTE, New Delhi, Directorate of Technical Education, and Government of Maharashtra & is affiliated to Savitribai Phule Pune University, compiling with all the norms & standards of Engineering Education. At present the college conducts eight courses in engineering viz. Mechanical, Electrical, Electronics & Telecommunication, Computer, Information Technology, Electronics & Computer Engineering, Artificial Intelligence & Data Science, and Artificial Intelligence & Machine Learning. The college has Post Graduate Engineering courses in Electrical, Mechanical, Computer, E&TC, MBA & MCA courses. The Research Centre has been established for Mechanical, E&TC, Electrical, and Computer & MBA.

- College has been awarded as best college in urban area.
- Institute has been certified and ranked as a Private or self-financed college / Institute in ATAL Ranking of Institution on Innovation Achievement (ARIIA) 2020 on 18th August 2020.
- Institute has been accredited by NAAC with "A++ Grade 3.66 CGPA".
- Department of Electrical Engineering, UG course is accredited by National Board of Accreditation (NBA) for Academic Years 2019-2020 to 2021-2022 and this courses is again Re-accredited by National Board of Accreditation (NBA) for next 2022-23, 2023-24, 2024-25 Years.



## From Principal's Desk

The aim of this institute is to develop not just top quality engineers but also well-developed persons. Our motto therefore is "the joy of excellence in a world of high technology". As professionals you are required to gain knowledge and use it effectively even when you are exposed to pressure. You can surely face the challenges in the world with great courage if you can manage your valuable time and set your priorities, by having healthy competition and team spirit. Working in a team, effectively yields best results, even under tight deadlines.

## From HOD's Desk

A weak link is better than a strong memory. Nothing exemplifies it better than the nostalgic feeling one gets when leafing through the dusty old pages of his/her college magazine. It can make a reader travel down the lanes of memory, giving rise to a surge of emotions of many hues and colors. Department of Electrical Engineering "THE CURRENT POST" newsletter is going to give the same pleasure to all the brilliant minds that traverse through the portals of this temple of learning.



## Vision of Department

"To build technically competent Electrical Engineers with ethical and social responsibility."

## Mission of Department

- ❖ To develop abilities in students for acquiring knowledge and skills to flourish in dynamic technical environment.
- ❖ To nurture cultured professionals by providing facilities for their overall development.
- ❖ To motivate the students for research work and activities beneficial to society.
- ❖ To enhance strong bonding with various organization and alumni.

## IN THIS ISSUE

Sr. No.	Name of event	Page No.
1	IET Activities	2
2	EESA Activities	3
3	Club Activity	4
4	Industrial Visit report	8
5	Research Activities	9
6	Patent Details	10
7	Training & Placement Activities	11
8	Placement Record	13
9	Result Analysis	15
10	Student Achievements	16

## Vision of the Institute

"To create a collaborative academic environment to foster professional excellence and ethical values"

# THE CURRENT POST

## IET Activities

### **Think Positive**

*When things go wrong as they sometimes will,  
When the road you're treading seems all up hill,  
When the funds are low and the debts are high  
And you want to smile, but you have to sigh,  
When care is pressing you down a bit,  
Rest if you must, but don't you quit.*

*Life is strange with its twists and turns  
As every one of us sometimes learns  
And many a failure comes about  
When he might have won had he stuck it out;  
Don't give up though the pace seems slow-  
You may succeed with another blow*

*Success is failure turned inside out-  
The silver tint of the clouds of doubt,  
And you never can tell just how close you are,  
It may be near when it seems so far;  
So stick to the fight when you're hardest hit-  
It's when things seem worst that you must not quit.*

*For all the sad words of tongue or pen  
The saddest are these: "It might have been!"*

**- John Greenleaf Whittier**

### **1. Two Days Workshop on "Human values, professional ethics, environmental sustainable project and finance management"**

Department of Electrical engineering conducted two days' workshop on human values, professional ethics, environmental sustainable project and finance management on 21<sup>st</sup> and 22<sup>nd</sup> Nov 2022. In this workshop students got know Environmental Sustainability carbon credits due to manufacturing industries, Professional Ethics, Project & Finance Management. This workshop was sponsored by IET.



### **2. Electrical Safety Awareness Program and Poster competition for Electrical Safety**

On 29<sup>th</sup> and 30<sup>th</sup> Nov Department of Electrical Engineering conducted an electrical safety awareness program and poster competition for electrical safety also the name of the Judges are Mr. Aniket Datar (Founder & director of Delta Services) and Mr. Prashant Gongale (Energy & Safety Auditor). This program was sponsored by IET.



# THE CURRENT POST

## ESSA Activities

### 1. Expert Talk on "Electric Vehicle Opportunities & Challenges "

The Expert talk on "Electric Vehicle Opportunities & Challenges "was conducted on 24th August 2022, Wednesday from 12.45 AM to 2.45 PM for TE & BE I and II shift students. Speaker for the talk was Mr. Prafull Govind Wani - Global Marketing Manager at Auto Motive Power. The lecture was to enhance student's knowledge of Electrical vehicle and job opportunities in it.



### 2. Teacher's Day

The Teachers' day was celebrated in the Electrical Department by the students of second, third and final year. The event started by performing *Deep Prajwalan* and an address by our HOD Prof. Dr. Mrs. N. R. Kulkarni, conducted by anchor and student coordinator Adnan Mujawar. Where she shared her student life experiences and her thoughts and vision for the students. After the HOD's address, a series of light hearted interviews of HOD Prof. Dr. Mrs. N. R. Kulkarni and Prof. Dr. Mrs. V. V. Khatavkar were conducted by student coordinators Omkar C. More and Sanjana A. Bhalekar respectively. After the interviews the event moved towards the fun activities like Pictionary and Emoji Game conducted by student coordinators Vinmay Khandode with Pushpakyle and Pallavi Khairnar with Sakshi Lawate respectively, in which the complete staff took a very proactive participation.



# THE CURRENT POST

## 3. Workshop on "Trouble Shooting On Household Equipment by Using PAT"

A workshop was conducted by the department of electrical engineering on 7 November in 109A seminar hall for trouble shooting of electrical equipment's by using PAT tester and study of thermograph images based on these images. In this workshop speaker Mr. Guru Prasad Gujrathi (Asst. Business Development manager at Revine Technology Pvt. Ltd.) guided the students how to resolve the troubleshoot with the help various measuring and troubleshooting equipment's





# THE CURRENT POST

## Club Activities

### **1. Rotract Club- Epic Episode 1**

On Aug 23rd, The Rotract club of Electrical MCOE Metro started with the flagship event under PDD avenue which was EPIC 2.0 EP: 01 An Eye on Personality which focused on personality development of an individual and how an individual should inculcate an eye opening perspective for their better future. The event was organized in collaboration with Rotract Club of IT, ENTIC AND CS MCOE Metro.

Under the Guidance of Parent Rotary, Rotary club of Pune Metro. The approximate attendance count was over 120 for the event. Teams of Motivational speakers were invited for the event from Project Visions Community. The Lead Speaker for the event was Mr. Saurabh Suresh Bhosale (CEO and Founder of Project Visions and also an Author by profession has written multiple books on self help) and the Associate Speaker for the Event was Mr. Pratham Waydan who filled the event with an enjoyable yet future adaptive perspective on personality development. The event was really an eye opening perspective for all the students about the motives to keep in mind and how students / participants should inculcate the vital values to keep in mind and move ahead in life. Adnan J. Mujawar under the guidance and vision of the Rotaract Club Of Electrical MCOE Metro and parent Rotary, Rotary Club of Pune Metro as the session went smoothly with hard work of all the BOD's who worked round the clock to make the 1st Episode of EPIC2.0 possible and a Special thanks to our Guest of the day Rtn. Vivek Kulkarni sir for having time and Attending the event.



# THE CURRENT POST

## Club Activities

### **2. Rotract Club- Epic Episode 2**

On Oct 31st, The Rotract club of Electrical MCOE Metro started with the flagship event under PDD avenue which was EPIC 2.0 EP:02A Perspective on higher education which focused on the importance of pursuing Higher Education of an individual and how an individual can grab various opportunities coming their way, for a better future. The event was organized in collaboration with RAC RSCOE, RAC MCOE Computers Metro, RAC Modern College Ganesh khind Pune, RACPES MCOPE-IT, RAC ENTc MCOE, RAC RVS Technical campus, RAC DYPIMER, RAC Indira College, RAC Coimbatore Main, RAC Jaisinghpur. Under the Guidance of Parent Rotary, Rotary club of Pune Metro. As the event was also made compulsory for BE students of Electrical Engineering under HOD's request the approximate attendance count was over 100 for the online event. A Professional Speaker was invited for this online event.

The Lead Speaker for the event was Mr. Sandeep Dravid who advised all the students about the importance of higher education and how it can add value to their career. The event was really an eye opening perspective for all the students to keep in mind while choosing their career and how students/participants should pay attention to career growth and should expand their vision without limiting themselves. At the end of the event an online felicitation ceremony was organized to felicitate the speaker for their valuable wisdom and time with the hand so four guest for the event. And then the vote of thanks and the conclusion of the event happened where in the event was adjourned with hands of club's Vice president as the session was coordinated by EPIC lead and PDD of the club Rtr. Adna J. Mujawar under the guidance and vision of the Rotract Club Of Electrical MCOE Metro and parent Rotary, Rotary Club of Pune Metro as the session went smoothly with hard work of all the BOD's who worked round the clock to make the 2nd Episode of EPIC2.0 possible and a Special thanks to our Guest of the day Rtn.Vivek Kulkarni sir for having time and attending this online event.



# THE CURRENT POST

## Club Activities

### **3. Rotract Club- Epic Episode 3**

On Dec 6th, The Rotract club of Electrical MCOE Metro started with the flagship event under PDD Avenue which was EPIC 2.0 EP: 03A LinkedIn Workshop which was a three day workshop and it focused on making students aware of the importance of LinkedIn in today's generation, building every individuals LinkedIn profile and finding jobs through LinkedIn. The event was organized in collaboration with RAC RSCOE, RAC Modern College Ganesh khind Pune, RAC Panache, RAC Vibrants East, RAC Aundh, RAC Camp Pioneers, and RAC Pune Zenith. Under the Guidance of Parent Rotary, Rotary club of Pune Metro. As the event was made available to all willing students and it was an online event so, the approximate attendance count was over 120 for this event. A Professional Speaker was invited for this online event.

The Lead Speaker for the event was Mr. Yash Mangal Wedhekar, a young motivator, content writer and digital Marketer, who gave a brief and in depth knowledge about LinkedIn to all the students and how to build their LinkedIn profile so that it can add value to their career. The event was really an eye opening perspective for all the students to keep in mind while approaching to various companies for job and how students/participants should pay attention to smallest details while making their profile and how to contact with various company HRs and make their way easier to grab job opportunities. This 3 day workshop helped students creating their individual profile and understanding the method to reach out to various job offers. At the end of the event an online felicitation ceremony was organized to felicitate the speaker for their valuable wisdom and time with the hand so four guest for the event. And then the vote of thanks and the conclusion of the event happened where in the event was adjourned with hands of club's President as the session was coordinated by EPIC lead and PDD of the club Rtr. Adnan J. Mujawar under the guidance and vision of the Rotract Club Of Electrical MCOE Metro and parent Rotary, Rotary Club of Pune Metro as the session went smoothly with hard work of all the BOD's who worked round the clock to make the 3rd Episode of EPIC2.0 possible and a Special thanks to our Guest of the day Rtn. Vivek Kulkarni sir for having time and attending this online event.





# THE CURRENT POST

## Industrial Visits

### **1. Bhimashankar Sahakari Sakhar Karkhana Ltd**

On 22/04/2022 Friday Department of Electrical Engineering conducted a visit to Bhimashankar Sahakari Sakhar Karkhana Ltd Paragaon Tarfe Avasari. for this visit faculty coordinators was Prof. S. D. Joshi, Prof Dr. V. S. Jape, Prof. Ashwini Pawar and Mrs. S. S. Ghadage. Through this visit students learned about industrial drives implemented in sugar industry.



### **2. The Superintending Engineer HVDC Substation, MSETCL**

On 30 April 2022 Department of Electrical Engineering conducted a visit to The Superintending Engineer HVDC Substation, MSETCL Mumbai - Nashik Highway for the Elective III- HVDC & FACTS opted students. For this visit faculty coordinators was Prof. R. S. Hardas and Prof. S. D. Joshi.





# THE CURRENT POST

## Industrial Visits

### **3. L&T training, Bhosari**

On 19th for first shift and 20th April 2022 for second shift, Department of Electrical Engineering conducted a visit at L&T training, Bhosari. In this visit student learned about construction and working principle of various switch gears and protection equipments as per syllabus given by SPPU. For this visit faculty coordinators was Prof. Dr. V. S. Jape, Prof S. D. Joshi and Prof. Dr. V. V. Khatavkar



### **4. The Superintending Engineer HVDC Substation, MSETCL**



On 11<sup>th</sup> May 2022, Department of Electrical Engineering conducted a visit to MSETCL 220 kV substation, Magarpatta for SE students of first as well as second shift under the guidance of Prof. Mrs. Sonali Mahajan and Prof. Mrs. Amruta Kulkarni. Through this visit students learned about substation equipments and there working.

### **5. X – Trans Enterprises**

On 9<sup>th</sup> and 10<sup>th</sup> May 2022 department of electrical engineering conducted visit to X-Trans Enterprises for students of SE A and B division. This visit has been conducted under the guidance of Prof Mrs. Amruta Kulkarni and Prof. Dr. Mrs. S. N. Chaphekar. Through this visit students learned about transformer winding and how transformers are manufactured.



# THE CURRENT POST

## Research Activities

### *Copyright Details*

Sr. No.	Year	Name of Faculty with Students	Title	Award Agency
1	2022-23	1.Dr. Mrs. V. S. Jape 2.Dr. Mrs. S. N. Chaphekar 3. Mrs.Amruta.P.Kulkarni. 4. Snehal Andhale	Enhancement of Power Quality By Custom Power Devices(CPD)	Government of India
2	2022-23	1. Dr.Mrs.N.R.kulkarni 2. Snehal Andhale 3. Vaishnavi bodhe 4.Shivendra Patil 5.Bavesh Agalave 6.shantanu Khirade	To design BLDC motor and verify its performance for 3 wheeler retrofit kit	Government of India
3	2022-23	1. Dr.Mrs.N.R.kulkarni 2. Mrs.Shilpa.D.Joshi 3. Aditya Hendre 4.Sakshi Khodke 5.Saloni Melkunde 6.Ragini Patil	Study of Solar Power Quality - Issues, Analysis and Mitigation.	Government of India
4	2022-23	1. Dr.Mrs.N.R.kulkarni 2. Mrs.Amruta.P.Kulkarni. 3.Uday A. Kolhe 4. Kabir D. More 5.Tejas B. Pagire 6. Sadique M. Magdum.	Installation, Erection and Commissioning of 1.5 KW Wind Turbine for An Educational Institute	Government of India
5	2022-23	1. Mrs. S. A .Chougule 2.Dr.Mrs.N.R.Kulkarni 3. Namrata Somavanshi 4. Aditya Kulkarni 5. Prachi Bagde 6. Jabin Nadaf	Water Impurities Detection and Separation by Using PLC and SCADA	Government of India

# THE CURRENT POST

## Patent Details

Year	Name Of Faculty / Students	Title	Status
2022-23	Prof. Dr. Mrs. Neelima Kulkarni And Meghna Bhosale	Innovative Cone Shaped Electrode For Earthing With Novel Backfill Material	Published

## Training & Placement Activity

### 1. Engineering Startup Event

On Sep 21st, The Training and Placement Cell of the Electrical Engineering Department organized an alumni meet with Anushree Dudhat. The event started with the introduction of the alumni by event host and student coordinator Shivdeep Vedpathak & The alumni guest delivered a seminar for the students on the various career opportunities in a startup environment. She also made everyone aware of all the qualities one requires to be a productive and an integral part of any startup.





# THE CURRENT POST

## ***2. Session on Industrial Automation***

On 12 March 2022, For this session speaker was Mr. Tejas Dixit. This session was hosted by CAD/CAM GURU. Mr. Tejas started the session with simple knowledge of industry and then he explained about detailed automation in the industry. It was an interesting session with many participants and great coordination with student. The objective of this session was to learn and get the knowledge about automation in industry.



## ***3. Campus to Corporate Training***

On 02/05/2022, 04/05/2022, 06/05/2022 Campus to corporate training (GTT) were undertaken by training & placement. This session was hosted by Mr. David Sable and Mrs. Siddhi Karmalkar. This session was organized by Global Talent Track.

Mr. David started with an introduction about what are soft skills and Mrs. Siddhi explained in detail about basics of resume building and then explained about how to face interviews. It was an interesting session with many participants and great coordination with students. Also, he has taken up a very interesting activity to encourage students for soft skills.

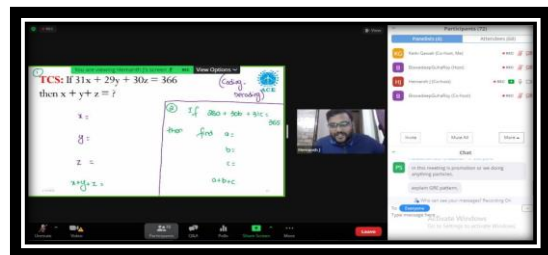


# THE CURRENT POST

## 4. Importance of Aptitude

Department of Information technology has organized a webinar on "Importance of Aptitude for Campusing - Tips & Tricks" to provide guidelines to students to explore various methodology to crack aptitude & interview from various Company. Guest speaker Mr. Hemanth Reddy started session by giving various examples to improve coding skills.

Later he explained how you can faced various competitive exam. At the end, the speaker interacted personally with each student to solve their queries and to answer their questions. Overall session was very interesting. Students understood everything related to aptitude questions pattern asked in various companies.



## 5. Overseas Education Guidance Seminar

This session is organized by the Training and placement cell. This session was hosted by Mrs. Mugdha Mohol. Mrs. Mugdha started with an importance of Higher education and explained in detail about GRE, TOEFL, IELTS exam and Top Universities of US, UK, CANADA etc. It was an interesting session with many participants and great coordination with students.



# THE CURRENT POST

## Placement Record

Sr. No.	Name of the student Placed	Name of the Employer	Pay packages (LPA)
1	Manisha Raut	Philips	11.8
2	Vaishnavi Lawande	Philips	11.8
3	Shrihari Gulhane	UnoMinda	7.05
4	Yash Jitendra Maid	Johnson Control	5.6
5	Aditya Badhiye	Keyence	5.5
6	Pushpak Yele	Keyence	5.5
7	Rohini Takkekar	LTI	4-6.6
8	Renuka Patil	LTI	4-6.5
9	Tanishq Shelke	Brose India Automotive Systems Pvt. Ltd.	4
10	Avinash More	Brose India Automotive Systems Pvt. Ltd.	4
11	Rutuja Deore	TCS	4
12	Himanshu Vijay Rewatkar	TCS	4
13	Srushti Doiphode	TCS	4
14	Shivam Kadam	Hexaware	4
15	Omkar C More	Hexaware	4
16	Mandar Gotmare	Hexaware	4
17	Mandar Pramodrao Gotmare	Cognizent	4
18	Yogesh Raju Yangal	Cognizent	4
19	Yash Jitendra Maid	Cognizent	4
20	<b>Ojesh Vijaykumar Patil</b>	<b>Cognizent</b>	<b>4</b>
21	Preeti Pradip Chavan	Cognizent	4
22	Vinmay Prabhakar Khandode	Cognizent	4
23	Akruti Shailendra Mishra	Cognizent	4
24	Pranita pramod Pachpande	Cognizent	4
25	Atharva Ajit Gumphekar	Cognizent	4
26	Mahesh shrihari potdar	Cognizent	4
27	Himanshu Vijay Rewatkar	Cognizent	4
28	Shrihari Rajendra Gulhane	Cognizent	4
29	Rohit Satish Kurle	Cognizent	4
30	Varad Prakash Chavare	Cognizent	4



31	Kunal Sanjay Bonte	Cognizent	4
32	ANUJ MAHENDRA JAIN	Cognizent	4
33	Manoj Sarangdhar Mirge	Cognizent	4
34	Chitanya Borude	InGenious Engineering & Automation Private Limited	3LPA (Internship + FTE)
35	Rohan Jadhav	InGenious Engineering & Automation Private Limited	3LPA (Internship + FTE)
36	Akanksha Kulkarni	InGenious Engineering & Automation Private Limited	3LPA (Internship + FTE)
37	Shubham Kamble	L-CUBE	3
38	Ranjeet Hambire	L-CUBE	3
39	Pallavi khairnar	TATA ELXI	3.5
40	Kunal Sanjay Bonte	TATA ELXI	3.5
41	Shubati Gadge	TATA ELXI	3.5
42	Trupti Pachpute	TATA ELXI	3.5
<b>Till Counted for Next Semester</b>			

# THE CURRENT POST

## Result Analysis

### Academic Result Record

### Toppers List

#### SE 1<sup>st</sup> Shift Topper

NAME OF STUDENT	SGPA
KALE PRATHAMESH DATTATRAY	7.45
HIRE PRASAD ABHIMAN	7.27
MALVIKA MAHAVIR KHANDEKAR	7.18
CHOUDHARI SAMRUDDHI RAJENDRA	6.95
MAHAJAN VAISHNAVI PRAKASH	6.95

#### SE 2<sup>nd</sup> Shift Topper

NAME OF STUDENT	SGPA
CHANDRAVANSHI KISHOR NAGORAO	8.59
GANGDHAR ABHAYRAJ SACHIN	8.59
SHELGE ABHISHEK SUBHASH	8.27
KOTHAWALE SHUBHAM SANJIVAN	7.68
CHINCHKAR BHAVANA SOMNATH	7.55

#### TE 1<sup>st</sup> Shift Topper

NAME OF STUDENT	SGPA
RATHOD RUSHIKESH SHIVAJI	8.71
BURLE NIKHIL SATISH	8.57
CHAVAN PRATHAMESH GANESH	8.57
TOTRE ROHIDAS RAMDAS	7.95
SHAIKH TAHAMEE MEHBOOBALI	7.86

#### TE 2<sup>nd</sup> Shift Topper

NAME OF STUDENT	SGPA
PATIL CHETAN VIJAY	9.43
PATHAN ALIMOHMMAD IMTEYAZ	8.71
JADHAV MADHURI RAJARAM	8.38
SABLE PARTH ACHUT	8.38
WANI SHITAL RAJENDRA	8.29

#### BE 1<sup>st</sup> Shift Topper

NAME OF STUDENT	SGPA
MARGAJE BHASKAR SANJAY	9.1
MORE OMKAR CHANDRAKANT	8.9
PACHAPANDE PRANITA PRAMOD	8.8
HIWALE VISHNU RAMESH	8.8

#### BE 2<sup>nd</sup> Shift Topper

NAME OF STUDENT	SGPA
CHAVARE VARAD PRAKASH	9.1
REWATKAR HIMANSHU VIJAYRAO	8.8
DEUSKAR VARDHAN UPENDRA	8.75
PATIL GAURAV VINOD	8.65

# THE CURRENT POST

## Student Achievement



## Extra-Curricular Achievements

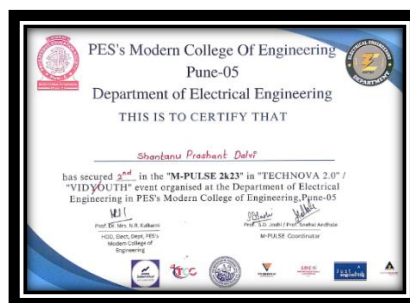
### IET Certifications



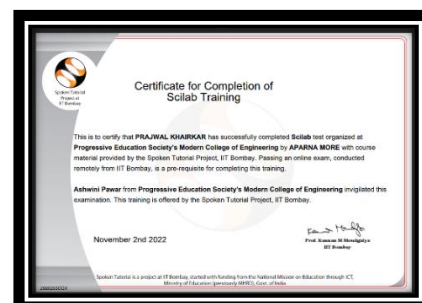
### Firodiya Certification



### M-Pulse Certification



### Scilab Certification



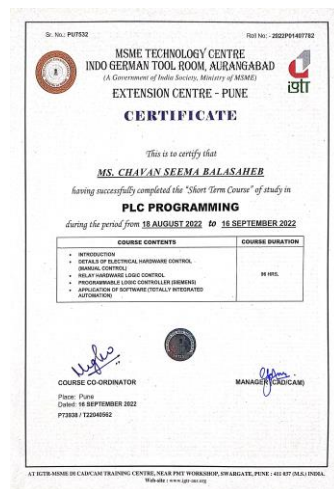
### Vision of the Institute

"To create a collaborative academic environment to foster professional excellence and ethical values"



# THE CURRENT POST

## Student Achievement



## Academic Year 2022-23

Sr.No	Name of the students	Achievement	Name of the Event	Level	Date
1	Parth Inamdar	First prize in Pakhawaj	Firodia Karandak Inter Collegiate multi art competition multi art Competition	National level	12/2/2023
2	Nikhil Burle	Winner	TECHNOVA 2.0	Regional	20/3/2023
3	Adanan Mujawar	Winner in extempore Competition	Just a minute extempore Competition 2023 under IET Pune	National Level	25/3/2023



**Prof. Dr. Mrs. N.R. Kulkarni**  
Vice Principal and HOD,  
Department of Electrical Engineering  
PES's Modern College of Engineering Pune-5

☎: 02025533648-215 m: 9922711306 a: 1186/A,  
Off J.M. Road, Shivaji nagar,  
Pune,  
Maharashtra 411005

W: <https://moderncoe.edu.in/>

Follow Us



Editorial Desk

**Prof. Ms. Snehal Andhale**  
Staff Coordinator

*Vision of the Institute*

*"To create a collaborative academic environment to foster professional excellence and ethical values"*