



A. I. S. S. M. S. I. O. I. T.

NEWS LETTER 2024-25 SEM-I**ELECTROGRAPH**

News Letter 2024-25 Sem-I

A. I. S. S. M. S. I. O. I. T. P. U. N. E.

DEPARTMENT OF ELECTRICAL ENGINEERING
Students Placement Year 2024-25
3 Students and 20 Companies Visited

Sr. No.	Name of the Company	Name of the Students
1	NYEI Design Services Pvt Ltd (NY Engineers)	Darshan Gonge
2	Thermax	Himanshu Dhaka
3	Thermax	Gajanan Chavan

Department Achievements

Mrs. Poonam Mane “Got Second Rank in Highest view on college YouTube channel”



IEEE Women in Engineering Scholarship 2024-25, Laptop Distribution Event for shortlisted female students from Maharashtra funded by Quest Global was held on 22nd Apr. 2025 at our

Student Achievement

Best Research Paper Award 2024 “Topic—VISION FOR VIKASIT BHARAT (VVB) 2024” SY B.Ech Student Aditi thite



CMR Hacathon 2.0 Award winner Students form SY CBech Class: Parav Barne, Shivam Adake, Ridhi Patil, Sameer Pande, Pranav Sadul, Nilay Bhandari.

Program Education Objectives (PEOs)

PEO1: Investigate problems in electrical engineering and provide effective solutions.

PEO2: Excel in the professional career, research, higher studies, and entrepreneurship.

PEO3: Engage in lifelong learning by adapting a professional, social, and ethical attitude for contributing to societal needs.

Program Specific Outcomes (PSOs)

PSO1: The graduates will be proficient in various software tools used for design and analysis of electrical systems.

PSO2: The graduates will be able to acquire skills required for professional development through various hands on activities in electrical stor.

PROGRAM OUTCOMES (POs)

PO1. Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems. **[Engineering knowledge]**

PO2. Identify, formulate, research literature, and analyses complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences **[Problem analysis]**

PO3. Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

[Design/development of solutions]

PO4. Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

[Conduct investigations of complex problems]

PO5. Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations. **[Modern tool usage]**

PO6 Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

[The engineer and society]

PO7. Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

[Environment and sustainability]

PO8. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice. **[Ethics]**

PO9. Function effectively as an individual, and as a member or leader in diverse teams, & in multidisciplinary settings. **[Individual & team work]**

PO10. Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions. **[Communication]**

PO11. Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments. **[Project management and finance]**

PO12. Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. **[Life-long learning]**

Vision: To be known for imparting quality education in the field of electrical engineering and preparing competent professionals with high human values to serve the society.

ELECTROGRAPH**3****Paper Publication**

Sr. No.	Name of the Faculty member	Title of the paper	Name of the Journal	Volume	Year of Publication	ISBN/ ISSN No.
1	Dr. K. S. Gadgil	Analysis of Relay Coordination in Electrical Distribution Networks with Optimally Positioned Distributed Generation Units	Panamerican Mathematical Journal	Vol 34, Issue 3	2024	1064-9735
2	Dr. V. S. Kamble	Optimum Unit Commitment Using Genetic Algorithm Toolbox	African journal of Biological Sciences	Vol. 6 Issue 6	Jul. 2024	7124-7134
3	Dr. V. S. Kamble	An innovative muted ant colony optimization (MAPO) controlling for grid PV system	International Journal of Information Technology	Vol. 16 Issue 6	Sept. 2024	2511-2112
4	Dr. V. S. Kamble	Analysis of Relay Coordination in Electrical Distribution Networks with Optimally Positioned Distributed Generation Units	Panamerican Mathematical Journal	Vol 34, Issue 3	2024	1064-9735
5	Dr. V. P. Kuralkar	An innovative muted ant colony optimization (MAPO) controlling for grid PV system	International Journal of Information Technology	Vol. 16 Issue 6	Sept. 2024	2511-2112
6	Dr. V. P. Kuralkar	Analysis of Relay Coordination in Electrical Distribution Networks with Optimally Positioned Distributed Generation Units	Panamerican Mathematical Journal	Vol 34, Issue 3	2024	1064-9735
7	Mrs. D.D.Changan	Fuzzy logic controller based hybrid anti islanding protection scheme for distributed generators	Journal of renewable energy and environment	Vol-11 Issue 4	Oct 2024	
8	Mrs. D.D.Changan	ANFIS Based Hybrid Anti Islanding Protection Scheme For Distributed Generators	Majlesi Journal of Electrical Engineering	Vol 18 Issue 3	Sept 2024	182446 (1-10)
9	Mr. Rajesh Waghulde	Improving the Software Privacy in the OFDM 5G Communication Integrated with License Key in the Hardware Communication Parameters	International System & Applications in Engineering	Vol 10	Nov 2024	2147-6799

Book Publication

Name of the Teacher/ author	Title of the Book	Name of the Journal/ Proceeding/ Edited Books	Volume & pages	Year of Publication
Dr. S. M. Bakre Dr. A. D. Shiralkar	Internet Basics: Your Essential Guide to the Online World	Amazon Kindle Edition	Ebook	2024
Dr. S. M. Bakre Dr. A. D. Shiralkar	AI for Engineers: Practical Applications with Python and Google Colab	Amazon Kindle Edition	Ebook	2024

Resource Person

No.	Faculty Name	Date & Place	Details
1	Dr A. D. Shiralkar	25/10/2024	Expert lecture on PLC, SCADA and DCS
2	Dr A. D. Shiralkar	27/09/2024	Expert for local selection committee at KJ's Educational Institutes , Pune
3	Mr. S. V. Shelar	02/08/2024 Chakan, Pune	Delivered Expert Session to the Engineering team of Mahindra & Mahindra Chakan on the topic "Basics of Power Quality"
4	Mr. S. V. Shelar	17/09/2024 Chakan, Pune	Delivered Expert Session to the Engineering team of Mahindra & Vulcan Technologies on the topic "Power Quality Basics, Characterization, Solutions and Monitoring"
5	Mr. S. V. Shelar	16/11/2024 Pune	Panels in EPS Expo 2024 organised by Industrial Outlook "Modernizing Maharashtra's Power Infrastructure"
6	Dr. K. S. Gadgil	27/09/2024	Expert for local selection committee at KJ's Educational Institutes , Pune
7	Dr. K. S. Gadgil		Expert for session on Research methodology and Power Sector Economics and Management
8	Mrs. S. M. Shaikh	17/10/2024 Pune	Expert lecture on, "Theory, Practical and Applications approach for the subject Material Science" in PVG COET-Pune.

Mission: M1- To train the graduates with the latest technologies through industry institute interactions and experiential teaching learning practices to meet the emerging global challenges.

Workshop/ FDP Attended

Sr. No.	Name of Staff	Event	Organized by	Date and Event
1.	Dr.A.D.Shiralkar	One day workshop on PC Based Automation	BACHOFF Automation, Pune	27/09/2024
2	Dr. K. S. Gadgil	'Internationalisation of University: Opening up to Global Opportunities',	Cormack Consultancy Group	14/10/2024 -08/11/2024
3	Mrs. Poonam Mane	Innovation & Entrepreneurship Training Cum Exposure Visit	JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune	18th & 19th July 2024
4	Mrs. Poonam Mane	IIC-IPR and Technology Transfer Workshop	MIT Academy of Engineering, Alandi, Pune	8th November 2024
5	Mrs. Landge S S	ICT to Build Capacity of Technical Teachers	National Institute of Technical Teachers' Training and Research Bhopal Extension Center, Pune	2410612024 to 2810612024
6	Mr. A. A. Joshi	ATAL FDP ON "ROLE OF POWER ELECTRONICS IN ELECTRIC VEHICLE TECHNOLOGY" AT KKR & KSR INSTITUTE OF TECHNOLOGY AND SCIENCE.	AICTE Training and Learning (ATAL) Academy	25/11/2024 to 30/11/2024
7	Dr.V.P Kuralkar (Yawale)	FDP on "Innovative teaching pedagogy and skill component of NEP"	RTMSSU	04/12/2024
8	Mr Rajesh R Waghulde	IFDP on "Machine Learning and Artificial Intelligence"	Pimpri Chinchwad College of Engineering and Research, Ravet, Pune – Maharashtra, Sri Venkateswara Degree College, Kadapa - Andhra Pradesh, SJB Institute of Technology, Bangalore – Karnataka and Sri Indu PG College, Hyderabad – Telangana in Collaboration with ExcelR Edtech Pvt. Ltd.	12th Aug to 19th Aug 2024.

Seminar/Workshops/Conference organized

Sr. No	Topic & Organized by	Conducted by	Date	Funded by
1.	2 Days workshop on Industrial Approach of Electrical and Electronic circuits for SY BTECH students	Mr. Harsh Bhutada Spark Innovations , Pune	12.08/2024 - 13/08/2024	AISSMS IOIT
2.	5 days workshop on PLC & SCADA Dr. A. D. Shiralkar & Mrs. Poonam Mane	Just Engineering , Pune	7/11/24 to 11/11/24	AISSMS IOIT
3.	Workshop on "Internet of Things (IoT) in Electrical Engineering" Mr. S. D. Raste	Dolphin Labs , Pune	07/10/2024 to 09/10/2024	IE(I)



Mission: M2- To enhance engineering skills, employability skills and research through professional activities.

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Faculty Knowledge Forum

Sr. No	Name of faculty member	Date DD/MM/YYYY	Topic
1	Dr. A D Shiralkar	03/12 /2024	Introduction of AI in power system
2	Dr. S M Bakre	25/11/2024	AI/ML Applications in Power System
3	Mr. S. V. Shelar	03/12 /2024	Demo of Janitza - AISSMS Power Quality Monitoring System
4	Dr. K. S. Gadgil	02/12/2024	Moving towards SDG
5	Dr. S. S. Shingare	26/09/2024	Power system fault location detection
6	Dr. V. S. Kamble	25/10/2024	Assessment & Evaluation in higher Education
7	Mrs. S. M. Shaikh	05/12/2024	Wide Area Measurement System (WAMS) using SPM.
8	Mrs. S. S. Landge	02/10/2024	Tools for blended learning
9	Dr. V. P. Kuralkar	02/12/2024	Final BTech Autonomous structure and syllabus
10	Mr P. P. Mahajan	02/12/2024	Low power microcontrollers (Texas Instruments)
11	Mr. S. D. Raste	29/11/2024	Data Sharing & Collecting through Google Drive
12	Mrs. P. P. Mane	29/11/2024	Advanced Driver Assistance Systems (ADAS)
13	Mr. A. A. Joshi	03/12 /2024	Positive Reinforcement for Student Psychology
14	Mr. R. R. Waghulde	25/10/2024	Importance of Radio Media Communication
15	Ms. D. D. Changan	05/12/2024	Microgrid Dynamics

**Expert Lecture Organized**

Sr. No	Date of Visit	Name of Personality	Profile of Personality	Event	Organized By
1	25/07/2024	Mr. Amit Gupta	Head- BD India, Organising Committee, A and A Media Group	Visit to D M Tagare Power Quality Experience center	Sachin Shelar
2	27/09/2024	Mr. Darshan Virupaksha	Co-Founder, Nunam	Visit to D M Tagare Power Quality Experience center	Sachin Shelar
3	09/10/2024	Mr. M R Srinivasan	CEO, Harmonizer India	Expert lecture cum session in hands on training on power quality to BE Electrical students	Sachin Shelar
4	18/11/2024	Mr. Rahul More	Business Development Manager, Electro tech Industries.	Visit to D M Tagare Power Quality Experience center	Sachin Shelar
5	05/12/2024	Mr. Prasad Bhosale	Sr. Manager, PPS Energy Solutions Pvt. Ltd	Visit to D M Tagare Power Quality Experience center	Sachin Shelar

Mission: M3- To develop globally competent electrical engineers with high professional ethics and commitment towards society .

Industry Institute Interaction

Industrial Visit

Sr. No	Date of Visit	Class	Company	No of Students Visited	Organized by/ Attended by
1	11/10/2024	BE	Just Engineering Pvt Ltd	35	Dr. V. A Yawale Dr. A.D Shiralkar Mrs. Poonam Mane Mr. P. P. Mahajan Dr. V.S Kamble
2	18/10/2024	BE	E-Vehicle Maintenance Workshop and charging Station, Bhekarai Nagar, Hadapsar, Pune	26	Mrs. S S Landge Mr. A A Joshi
3	11/10/2024	SY	Ganeshkhind Substation, Pune	59	Dr. K. S. Gadgil Dr. S. S. Shingare Mr. S. D. Raste Ms. D.D. Chanagn

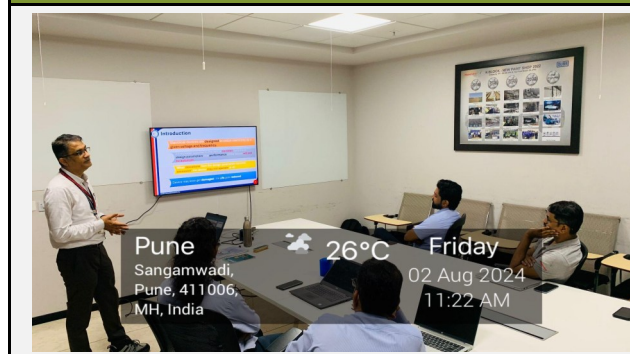
Power Quality Cell (In-charge Mr. Sachin Shelar)



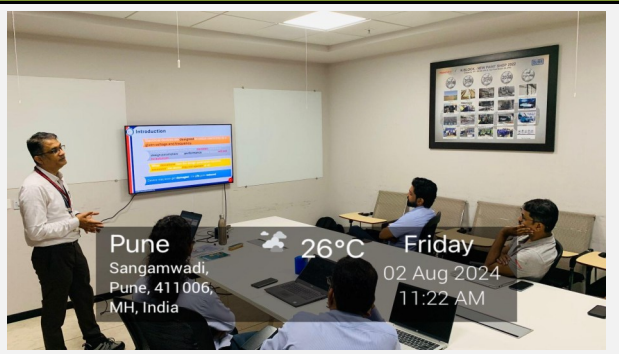
PQ Audit , Students accompanying PQ cell in charge Mr. S. V. Shelar (31/08/2024)



PQ Club members at MERC E-Hearing at COEP (27/02/2025)



Session on "Basics of Power Quality" to Mahindra and Mahindra Chakan Engineering (02/08/2024)



Interaction with PQ Cell industry mentor - Mr. Sanjay Gandekar (02/09/2024)

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Professional Cell Activities**IE(I) Student's Branch**

Sr. No.	Date	Activity Details with class & students' count	Topic	Resource person/ Judge
1	09/08/2024	Expert Lecture TY Btech: 53	Copyright Filing Process.	Dr. Sonali Rangdale Assistant Professor JSPM's RSCOE, Tathawade
2	13/08/2024	Expert Lecture BE 25	Industrial Automation in PLC & SCADA Subject	Mr. Sourabh Soni, Automation Trainer at Just Engineering, Pune
3	05/09/2024	EV Donation SY BTech:40 TY BTech: 30	EV Donation	Mr. H.S Pansare Mr. Rohit pansare Founders of Logicon Techno Solutions
4	05/09/24 to 20/09/24	Awareness DriveSY Btech:22 ,TY Btech: 09	Renewable Energy and Energy Conservation	—
5	09/09/2024	Expert Lecture FY BTech , SY Btech : 24	Industrial Expert talk for FY B. Tech. Induction Program Under I-Connect	Dr. Nilesh Rohankar Additional Executive Engineer Mahavitaran Pune
6	13/09/2024	Debate TY Btech : 6	Debate	Mrs. Dhanashree Changan Mr. Rajesh Waghulde
7	13/09/2024	Group discussion BE :24	Group discussion	Dr. K.S Gadgil Dr. V. P Kuralkar
8	07/10/2024 to 9/10/2024	Workshop TY Btech : 50	on "Internet of Things (IoT) in Electrical Engineering"	Mr. C. P. Mahajan Proprietor, Dolphin Lab, Pune Mr. Akshay Palve Jr. Assistant , Dolphin Lab, Pune
9	11/10/2024	Industrial visit for ACS and PLC & SCADA BE Electrical 35	Industrial visit	Trupti Pawar , Administrator Saurabh Soni Training Instructor Just Engineering Pvt Ltd
10	11/10/2024	Industrial visit SY Btech : 57	Industrial Visit at 132 kV MSETCL, Ganeshkhind, Pune	Mrs.Ashwini Jadhav Executive engineer MSETCL
11	18/10/2024	Industrial Visit BE : 26	IV to E-Vehicle Maintenance Workshop and charging Station ,Bhekarai Nagar, Hadapsar, Pune	Mr.Sanjay Jawatvar Executive Engineer PMPML , Pune
12	21/08/2024	Alumni Activity TY BTECH - 5	Coffee and conversation with Alumnus	Omkar Zanje , Associate Lead Engineer ,Vanderlande , Pune

REC CELL

Sr. No.	Date	Activity Details Topic with class & students' count	Organizer/ Staff Co coordinator / Student Coordinator
1.	20/08/2024	Akshay Urja Diwas Celebration SY Btech:35 ,TY Btech: 08 ,BE:04 Expert Lecture by Mr. Rahul Nalawade Former President CEO Panama Renewable energy limited	Dr. K. S. Gadgil
2	05/09/24 to 20/09/24	Awareness Drive SY Btech:22 ,TY Btech: 09	Dr. K. S. Gadgil

Industry Associated BE Projects

Sr. No	Name Of the Company	Student Name
1	IEEE	Gaikwad Prajwal Sunil Survase Laxman Hanamant Patil Ayushi Sunil Kunal Gorakhnath Chaudhari
2	IEEE	Chavan Gajanan Kiran Patil Rohan Sanjay Solunke Vishwajit D Mane Jidnyasa Jitendra
3	Serum Industries Pune	Ambekar Sarang Pradeep Ashlin Joy Biradar Ritesh Prakash Jagdale Prisha Popat
4	IEEE	Godhane Purna Dilip Himanshu Dhaka Jadhav Shubhangi Adhikrao Lokare Dhanashri Balaji
5	IEEE	Dodake Vinaya N. Shriram Satish Kakde Kamble Diksha Suryakant Shete Parth Ajitkumar
6	Shri Mauli Electricals	Gharwade Shraddha Sanjay Rahul Tushar Sonale Naikwadi Vikram Nitin Patil Swanandi Rajesh

Industry Training Attended

70 Students of TE Class Completed 1 month Training in various Industry

17 Students of BE Class Completed 1 month Sponsored Internship

Electrical Engineering Students' Association (EESA)

Sr. No.	Date	Activity Details Topic with class & students' count	Organizer/ Staff Co coordinator / Student Coordinator
1.	10/09/2024	Teachers day celebration SY BTech:54 TYBTech: 26 BE:15	Dr. V.A Yawale
2.	13/09/2024	Escape Room SY Btech : 6	Mrs. P.P Mane
3.	13/09/2024	EESA Inauguration BE : 30 SY Btech : 40 , TY Btech : 40	Dr. V.A Yawale
4.	13/09/2024	Shutter and Stroke SY Btech :4 , TY BTech : 10	Dr.K.S Gadgil
5.	13/09/2024	Poster competition TY Btech : 4	Dr.K.S Gadgil

T & P Cell

26.09.2024
Group Discussion

20.10.2024
Aptitude Test

Entrepreneurship Activities

Sr.No	Name Of the Company	Entrepreneurship Activities
1	d-Asra , PUNE	Entrepreneur Skills, Success Stories

Student Editor — , Mayur Vaidya T. Y. Electrical
Faculty Editor — Mr. S. D. Raste, Asst. Professor Electrical

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