



AISSMS IOIT

NEWS LETTER 2025-26 SEM-I

ELECTROGRAPH



News Letter 2024-25 Sem-II

DEPARTMENT OF ELECTRICAL ENGINEERING

Students Placement, Year 2025-26, Sem- I

Number of Students Placed: 11
Number of Companies visited: 20

Sr. No.	Name of the Company	Name of the Students
1	Amisha Nishikant Pagote	Edu-versity
2	Aditya Jaywant Kad	Edu-versity
3	Komal Pandit Malage	Thermax
4	Gaurav Gore	Bosch Ltd
5	Ritika Bhandari	NY Engineers India Services Ltd.
6	Harshal Bawskar	NY Engineers India Services Ltd.
7	Shritej Ghadge	NY Engineers India Services Ltd.
8	Aditya Kad	Reliance Industries Ltd
9	Kiran Sanas	Reliance Industries Ltd
10	Gayatri Munde	Reliance Industries Ltd
11	Jaya Kotharkar	Reliance Industries Ltd

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. A. D. Shiralkar	Extended state observer based output feedback control of 2 DoF electro hydraulic servo system	Results in Control and Optimization	Vol 20 100588	2025	2666-7207
2	Dr. A. D. Shiralkar	A Noval Neural Network Approach for Harmonic Distortion Detection in Power Systems	i-manager's Journal on Circuits and Systems (JCIR)	Vol 13 Issue 1	2025	7124-7134
3	Dr. V. S. Kamble	An Analysis of Cyber Threats in Distributed Energy Power Networks	International Journal of Basic and Applied Sciences	Vol. 14, Issue 2	2025	-
4	Dr. V. S. Kamble	Deep Learning Driven Short Term Solar Radiation Forecasting System Using Temporal Attention Gated Convolutional Network Model	SSRG International Journal of Electrical and Electronics Engineering	Vol 12, Issue 8	2025	-
5	Dr. V. S. Kamble	Efficient DG Placement and Sizing for Enhanced Distribution Network Performance	International Journal of Advanced Science and Engineering	Vol. 12 Issue 1	2025	-

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)

PSO 1: The graduates will be able to proficiently employ the software tools used in the design and analysis of electrical systems.

PSO2: The graduates will be able to acquire skills in electric mobility, power quality, and renewable energy.

PROGRAM OUTCOMES (POs)

PO1. Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in (WK1 to WK4) respectively to develop to the solution of complex engineering problems. [Engineering knowledge]

PO2. Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development. (WK1 to WK4) [Problem analysis]

PO3. Design/Development of Solutions: Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. (WK5) [Design / Development of Solutions]

PO4. Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions. (WK8). [Conduct Investigations of Complex Problems]

PO5. Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems. (WK2 and WK6). [Engineering Tool Usage]

PO6. Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture and environment. (WK1, WK5, and WK7). [The Engineer and The World]

PO7. Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws. (WK9) [Ethics]

PO8. Function effectively as an individual, and as a member or leader in diverse/multi- disciplinary teams. [Individual and Collaborative Team work]

PO9. Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences. [Communication]

PO10. Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments. [Project Management and Finance]

PO11. Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change. (WK8) [Life-Long Learning]

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ELECTROGRAPH**Knowledge and Attitude Profile (WK)**

WK1	A systematic, theory-based understanding of the natural sciences applicable to the discipline and awareness of relevant social sciences.
WK2	Conceptually-based mathematics, numerical analysis, data analysis, statistics and formal aspects of computer and information science to support detailed analysis and modelling applicable to the discipline.
WK3	A systematic, theory-based formulation of engineering fundamentals required in the engineering discipline.
WK4	Engineering specialist knowledge that provides theoretical frameworks and bodies of knowledge for the accepted practice areas in the engineering discipline; much is at the forefront of the discipline.
WK5	Knowledge, including efficient resource use, environmental impacts, Whole-life cost, re-use of resources, net zero carbon, and similar concepts, that supports engineering design and operations in a practice area.
WK6	Knowledge of engineering practice (technology) in the practice areas in the engineering discipline.
WK7	Knowledge of the role of engineering in society and identified issues in engineering practice in the discipline, such as the professional responsibility of an engineer to public safety and sustainable development.
WK8	Engagement with selected knowledge in the current research literature of the discipline, awareness of the power of critical thinking and creative approaches to evaluate emerging issues.
WK9	Ethics, inclusive behavior and conduct. Knowledge of professional ethics, responsibilities, and norms of engineering practice. Awareness of the need for diversity by reason of ethnicity, gender, age, physical ability etc. with mutual understanding and respect, and of inclusive attitudes.

Workshop/ FDP Attended

Sr. No.	Name of Staff	NITPTR	NPTEL	FDP	Any other	Sr. No.	Name of Staff	NITPTR	NPTEL	FDP	Any other
1	Dr. A D Shiralkar	4	-	-	2	6	Dr. V. P. Kuralkar	2	-	-	-
2	Dr. K. S. Gadgil	2	1	-	-	7	Mr P. P. Mahajan	1	-	-	-
3	Dr. S. S. Shingare	5	-	-	-	8	Mr. S. D. Raste	3	-	1	-
4	Dr. V. S. Kamble	1	-	-	-	9	Mr. R. R. Waghulde	3	-	-	1
5	Mrs. S. M. Shaikh	-	-	-	4	10	Mr. A. A. Joshi	3	-	-	2

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.

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Book Publication

Name of the Teacher/ author	Title of the Book	Name of the Journal/ Proceeding/ Edited Books	Volume & pages	Year of Publication
Dr. A. D. Shiralkar	Create & Edit Videos with Free AI Tools : A Beginner's Guide	Amazon Kindle Edition	Vol. 1 Page 118	July 2025

Resource Person

No.	Faculty Name	Date & Place	Details
1	Dr A. D. Shiralkar	14/11/2025 & 15/11/2025, Pune	Session Chair of technical Session in 2nd International Conference for Women in Engineering (INCOWOCO 2025) at GH Rasoni Pune
2	Mr. S. V. Shelar	08/09/2025 Thailand	Delivered Keynote session in 23rd Annual PQSynergy International Conference and Exhibition 2025, Thailand
3	Mr. S. V. Shelar	09/09/2025 Tarapur	Delivered a seminar on the topic "Basics of Electricity Bill (kVAh billing), Power Quality"
4	Mr. S. V. Shelar	12/09/2025 Ichalkaranji	Delivered a seminar on the topic "Basics of Electricity Bill (kVAh billing), Power Quality"
5	Mr. S. V. Shelar	25/09/2025 ENTES Energy Engineers	Session (Webinar) delivered to ENTES Energy Engineers: "Basics of Power Quality"
6	Mr. S. V. Shelar	28/11/2025 Elspec India Pvt. Ltd.	Session (National Level Webinar) delivered organized by Elspec India Pvt. Ltd: "Power Quality Basics, Characterization, Solutions and Monitoring"
7	Mr. S. V. Shelar	29/11/2025 EPS Energy Expo 2025	Member Panel Discussion Session "Industrial Electrification & Energy Efficiency - Power Quality & Harmonics Control" in EPS Energy Expo 2025 - Pune organized by Industrial Outlook
8	Mrs. S. M. Shaikh	10/09/2025	Reviewer for papers in Electric Power Systems Research (EPSR)-Elsevier
	Mr. S. D. Raste	04/12/2025 Solapur	Member Department Advisory Board, Meeting
9	Mr. S. D. Raste	04/12/2025 Solapur	Delivered a Guest Lecture on the Subject "Network Analysis".
10	Mr. R. R. Waghulde	08/10/2025 Dhule	As a Resource Person on the topic of "Entrepreneurship Development and Startup" to Final Year Polytechnic Students like Electrical, Computer, E&TC students etc. Organised by Government Polytechnic Dhule
11	Ms. D. D. Changan	29/10/2025 Baramati	Delivered a session on Power Electronics at Electrical Department, SPCOET, Someshwarnagar, Baramati

Entrepreneurship Activities

Sr. No	Name Of the Company	Entrepreneurship Activities
1	Electrosoft Systems Private Limited, Pune. (CEO- Mr Rajesh Thakare)	Expert session on Prototype / Process Design and Development, on date 19/08/2025.

Industrial Training Attended

Class	No. of students
SY	01 (Paid)
TY	01
B.Tech	05

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. Shailaja Kurode	20/11/2025	SCI and Scopus Survey Indexing
2	Dr. A D Shiralkar	19/11/2025	Introduction to sliding mode
3	Mr. S. V. Shelar	11/09/2025	Discussion on Students Satisfaction
4	Dr. K. S. Gadgil	20/11/2025	Electric Vehicle
5	Dr. S. S. Shingare	13/10/2025	Exam Conduction Rules
6	Dr. V. S. Kamble	14/10/2025	Discussion on CGPA and Exam
7	Mrs. S. M. Shaikh	09/09/2025	Smart Grid
8	Mrs. S. S. Landge	13/10/2025	Antilock Breaking System
9	Dr. V. P. Kuralkar	13/10/2025	Procedure to file Utility Patent and Discussion
10	Mr P. P. Mahajan	13/10/2025	AISSMS IOIT ERP Teaching Plan Uploading discussion
11	Mr. S. D. Raste	13/10/2025	NITTTR Exam
12	Mr. R. R. Waghulde	09/09/2025	Importance of IIEDC Cell
13	Ms. D. D. Changan	18/11/2025	Power System
14	Mr. A. A. Joshi	04/09/2025	SCI and Scopus Survey Indexing



Expert Lecture Organized

Sr. No	Date of Visit	Name of Personality	Profile of Personality	Event	Organized By
1	22/07/2025	Dr. Y.P Patil	Associate Professor , AISSMS IOIT , PUNE	Expert Lecture on Expert Lecture on Patent Filing	Dr. V. P. Kuralkar
2	06/08/2025	Dr. Sonali Rangdale	HOD, Assistant Professor AIDS GH raisoni international skill tech university , pune	Expert Lecture on Copyright Filing Process.	Dr. V. P. Kuralkar
3	11/09/2025	Mr. Viki Kohad Mr. OMkar Veer	Application Engineer , Ansys - LF Software , Pune BDE , Khodiyar , E solutions Pvt. Ltd	Expert Session on ANSYS Software	Dr. K. S. Gadgil
4	09/09/2025	Ms. Chiatarli Kakade	Associate Technical Manager , HCL technologies Pvt. Ltd	Coffee and Conversation with Alumnus	Dr. K. S. Gadgil
5	29/07/2025	Mr. Umopathy Murthy	Ohm Institute, Hyderabad	Career Opportunities after Engineering through GATE	Mr. A. A. Joshi

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

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ELECTROGRAPH**Industry Institute Interaction****Industrial Visit: Students**

Sr No	Date of Visit	Class	Company	No of Students	Organized by/ Attended by
1	11/10/2024	TY	Manisha Engineers Pvt Ltd	55	Dr.V.P Kuralkar Mrs. S.S Landge Dr. V. S. Kamble
2	18/10/2024	TY	400 kV substation, Jejuri, pune	43	Dr. V. P. Kuralkar Dr. V. S. Kamble

Industrial Visit: Faculties

Sr No	Date of Visit	Company	No of Faculties	Organized by/ Attended by
1	13/9/2025	MEDA,, Satara	Dr.A.D.Shiralkar Dr.K.S.Gadgil Ms. Dhanashree Changan	IEEE PES Chapter, IEEE Pune Section
2	13/9/2025	Suzlon, Satara	Dr.A.D.Shiralkar Dr.K.S.Gadgil Ms. Dhanashree Changan	IEEE PES Chapter, IEEE Pune Section
3	10/11/25	Xtreme Engineering Equipment Pvt. Limited, Pune	Dr. K. S. Gadgil Dr. V. S. Kamble	Dr. K. S. Gadgil
4	26/09/2025	Ether Technology, Sinhgad Road Pune	Dr. V P Kuralkar Mrs. Landge S S	Dr. V P Kuralkar
5	05/08/2025	Global Solutions, Alandi , Pune	Dr. K. S. Gadgil Dr. V P Kuralkar Mr. A. A. Joshi	Mr. A. A. Joshi

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MEDA Visit by faculties (13/09/2025)

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i-connect visit of faculties at Ether Technology (26/09/2025)

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



Meeting cum interaction with senior MSEDCL officials Baramati circle, Mr. S. V. Shelar (21/07/2025)



PQ audit at western metals, Bhandgao, Daund (25/07/2025)



PQ audit at Wadeshwar restaurant, Pune (09/10/2025)



Visit of Fluke Team to PQ cell AISSMSIOIT, Pune (12/11/2025)

Department Achievements



Nominated by the Bureau of Indian Standards (BIS) as an India Member in IEC Working groups WG1,2,8,9



Dr. A. D. Shiralkar received ISTE Best Faculty Chapter

Student Achievement

Ms. Riddhi Patil TY Electrical got runner up for Dr. Shamarao Kalmadi Memorial State level Elocution Competition held on 13th Sep in Kaveri College of arts science and commerce, Pune. 2nd Runner



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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	11/9/2025 to 12/9/2025	2 Days Workshop SY B. Tech 47	Electro vision: Designing and Building Circuits	Mr. Harsha Butala, Founder, SPARK Innovation and Harsh Electronics, Pune
2	8/10/2025 to 10/10/2025	3 Days Workshop TY BTech 53	IoT	Isha Zankar and Santosh Yadav, Project Manager. AutoSofttech , Pune
3	8/10/2025 to 10/10/2025	3 Days Workshop Final Year BTech 48	PLC and SCADA	Vikas Gade, Trainer, IPCS Global Solutions Pvt Ltd, Pune
4	16/12/2025 to 17/12/2025	2 day hands-on workshop Final Year BTech 04	MEP Design using AutoCAD	Mr. Mayank Mehendale, Big Tree MEP Consultants- Mumbai

REC CELL

Sr. No.	Date	Activity Details Topic with class & students' count	Organizer/ Staff Co coordinator / Student Coordinator
1.	20/08/2025	Akshay Urja Diwas Celebration Expert Session on Renewable Energy Development by Mr. Keadr Pathak , proprietor , Modern Technical Center , Pune	Faculty Organizer :Dr. K. S. Gadgil , Mr. A, A. Joshi Student Organizer :Ms. Vishakha Sahakar
2	27/08/2025-06/09/2025	Energy Conservation Awareness Drive in Ganpati pandals in Pune City	Faculty Organizer :Dr. K. S. Gadgil , Student Organizer ;,Ms. Krutika Dhande Ms. Vishakha Sahakar
3	14/12/12025	Energy Conservation Day Celebration 1. Quiz on Energy Conservation Video shared on Social Media regarding activities of REC on Energy Conservation	Faculty Organizer :Dr. K. S. Gadgil , Mr. A, A. Joshi Student Organizer :Ms. Krutika Dhande, Ms. Vishakha Sahakar

Industry Associated B. Tech Projects

Sr. No	Name Of the Company	Student Name
1	pqExcel Solutions LLP, Dhayri, Pune	Bhojane Sushant Vasant Pujari Vishnu Shivraya Falak Mukul Pravin Kotharkar Jaya Ratan
2	SAS Powertech Pvt. Ltd., Baner, Pune	Ghadge Shritej Dhairyjit Salunke Aditya Santosh Patade Sai Govind
3	Real Power Tech Solutions Pvt. Ltd., Pune	Jayesh Patil Patange Janhavi Sachin Patil Sakshi Sanjay
4	S-Charge Pvt. Ltd. Nashik	Deore Sarthak Dinesh
5	Shriram Ecocycle Pvt. Ltd., Pune	Koli Omkar Nilappa Tanushree Sunil Sukhadeve Kamble Ashray Digambar Hiwrekar Nishad Saurabh
6	Shri Jagdamba Foods & Beverages, Virvade, Karad	Waydande Aarya Shekhuram Thorve Kartik Santosh Dagale Umesh Narayan
7	Eureka Industrial Equipments Pvt. Ltd., Pune	Jadhav Rutuja Sambhaji Kalugade Anurag Ananda Patil Prachi Atul
8	S. R. Engineering, Jambhulwadi, Pune	Hajare Ishwari Chandrakant Vetkar Pranav Prasad Desai Sharvari Ishwar
9	S. R. Engineering, Jambhulwadi, Pune	Desai Indrajeet Sunil Malage Komal Pandit Bawskar Harshal Ramesh

Student Editor — Mr. Sameer Pandey, T. Y. Electrical
Faculty Editor — Ms. D. D. Changan, Asst. Professor Electrical

Publisher — Dr. K. S. Gadgil, HOD
 Department of Electrical Engineering

Electrical Engineering Students' Association (EESA)

Sr No	Date	Activity Details Topic with class & students' count	Organizer/ Staff Co coordinator / Student Coordinator
1.	29/08/2025	Human Knot sports ,Total Participants: 33	Organizer- Ms. Saba K M Shaikh Student :Vishakha Sahakar
2.	29/08/2025	Arena Cricket-Sports Number of participants: 14	Organizer- Ms. Saba K M Shaikh Student :Pushkar Jawale
3.	29/08/2025	Electro Musical Chair -Sports	Organizer- Ms. Saba K M Shaikh Student:Annanya Kalokhe
4.	30/08/2025	Bgmi E Sports (Online) Number of participants: 36	Organizer- Ms. Saba K M Shaikh Student: 1.Aditya Ingale
5.	31/08/2025	National Level Quiz- Technical Number of participants: 14	Organizer- Ms. Saba K M Shaikh Student: Jayesh Patil
6	31/08/2025	Poster Competition Technical Number of participants: 7	Organizer- Ms. Saba K M Shaikh Student: Riddhi Patil
7	29/08/2025	Art gala -Cultural Number of participants: 4	Organizer- Ms. Saba K M Shaikh Student Coordinators: Shreyas Bachate
8	29/08/2025	Photography – Cultural Number of participants: (Btech -4)	Organizer- Ms. Saba K M Shaikh Student Coordinators: Tanushree Sukhadeve
9	09/09/2025	Teacher's Day Cultural No of Students Participated: SY:35, TY: 20, BTech:10	Organizer- Ms. Saba K M Shaikh Student Coordinators: 1.Nilay Bhandari 2.Sameer Pande

