



DEPARTMENT OF ELECTRICAL ENGINEERING

ELECTROGRAPH

NEWS LETTER 2021-22 SEM-I

**Program Education Objectives (PEOs)**

PEO1: Equip graduates with skills to excel in academic, professional career and higher studies.

PEO2: Inculcate ability among the graduates to investigate problems in engineering and provide effective solutions.

PEO3: Prepare graduates to engage in lifelong learning by developing in them professional social and Ethical attitude.

Program Specific Outcomes (PSOs)

PSO1: Graduates will be able to identify problems in the field of electrical engineering and analysis/ design/ develop solutions.

PSO2: Graduates will be able to select and apply different software tools required for design and/or analysis of electrical systems.

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]**

Students Placement Year 2021-22**10 Students**

Sr. No.	Name of the Students	Name of Company
1	Kunal Dagadu Kamble	Hexaware Technologies Pvt.Ltd
2	Ketan Sawakare	TCS
3	Rajeshwari Kamath	TCS
4	Onkar Bobde	TCS
5	Shivaraj Uday Nikam	Capgemini
6	Pallavi Khorate	Zensar
7	Prasad V. Chavan	Wipro
8	Arti S. Dhakulkar	Wipro
9	Sumeet Zambre	TCS
10	Shivaraj Uday Nikam	Wipro

Department Achievements**Faculty Achievements**

1. Dr. Ashpana D. Shiralkar awarded with State level Business Express Vishesh Sevsashri Puraskar 2021 (Education Sector)
2. Dr. Ashpana D. Shiralkar awarded with outstanding Execom Member and outstanding student branch counselor of Pune section 2021.
3. Mr. Sachin Shelar awarded as a Best Teacher Award 2020-21 AISMS IOIT, Pune.
4. Mrs. S. S. Ingle non teaching staff completed Higher studies BE Electrical Engg. SPPU, Pune at AISMS IOIT 1st class.
5. Mrs. S. S. Ingle received Appreciation certificate organized by IHANGAM workshop on "Goal setting & amp Manifesting Success" 29 July 2021

Students' Achievements

Mansi Wazarkar Pratyasha Kar Vishal Dhobale Pratik Ghawate (BE Electrical)	3rd Prize—National Level Poster Competition "Anusabdhan 2k21" organized by G H Rasoni Institute of Business Management, Pune. On
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Books Published

Sr. No	Name of the Teacher/Author	Title of the Book	Name of Publication	Year of Publication	ISBN/ISSN No.
1	Dr. S. M. Bakre	Best Metering practices in Power sector	IEEMA Journal, Volume I	Jan. 2021	--
2	Dr. S. M. Bakre	Condition monitoring & Diagnostic Testing Practices in Power Sector,	IEEMA Journal, Volume I Page No. 36-42	June 2021	--
3	Mr. S. M. Chaudhari	Design, Management And Auditing Of Electrical System	Tech knowledge Publication	2021	ISBN: 978-93-89828-45-0
4	Mr. S. M. Chaudhari	Electrical Ac Machine – II	Tech knowledge Publication	2021	ISBN : 978-93-91496-54-8
5	Mr. S. M. Chaudhari	Electrical Ac Machines – I	Tech knowledge Publication	2021	ISBN : 978-93-90428-43-4
6	Mr. S. M. Chaudhari	Electrical Power System – II	Tech knowledge Publication	2021	ISBN : 978-93-89424-24-9
7	Mr. S. M. Chaudhari	High Voltage Engineering	Tech knowledge Publication	2021	ISBN : 978-93-89424-07-2
8	Mr. S. M. Chaudhari	Illumination Engineering	Tech knowledge Publication	2021	ISBN : 978-93-90694-41-9
9	Mr. S. M. Chaudhari	Illumination Engineering	Tech knowledge Publication	2021	ISBN : 978-93-90694-41-9
10	Mr. S. M. Chaudhari	Power System -III	Tech knowledge Publication	2021	ISBN : 978-93-90428-59-5
11	Mr. S. M. Chaudhari	Electrical Installation, Design And Condition Based Maintenance	Tech knowledge Publication	2021	ISBN : 978-93-91496-38-8
12	Mr. S. M. Chaudhari	Electrical Machines II	Tech knowledge Publication	2021	ISBN : 978-93-89889-20-8
13	Mr. S. M. Chaudhari	Electrical Measurements And Instrumentation	Tech knowledge Publication	2021	ISBN : 978-93-89889-85-7
14	Mr. S. M. Chaudhari	High Voltage Engineering	Tech knowledge Publication	2021	ISBN : 978-93-89748-36-9
15	Mr. S. M. Chaudhari	Illumination Engineering	Tech knowledge Publication	2021	--
16	Mr. S. M. Chaudhari	Power Generation Technologies	Tech knowledge Publication	2021	ISBN : 978-93-89889-83-3
17	Mr. S. M. Chaudhari	Power Systems – I	Tech knowledge Publication	2021	ISBN : 978-93-90694-57-0
18	Mr. S. M. Chaudhari	Electrical Machines – II	Tech knowledge Publication	2021	ISBN : 978-93-90428-53-3
19	Mr. S. M. Chaudhari	Electrical Measurements And Measuring Instrument	Tech knowledge Publication	2021	ISBN : 978-93-90694-51-8
20	Mr. S. M. Chaudhari	Power System – II	Tech knowledge Publication	2021	ISBN : 978-93-90428-54-0

Resource Person

Sr. No.	Faculty Name	Date	Place & Platform	Details
1	Dr. A. D. Shiralkar	August-November 2021	IEEE Pune Section	Judge for National program Eureka 2021
2	Dr. S.M. Bakre	23/08/2021,	AISSMS IOM, Pune	Expert lecture on 'Business Analytics and Data Mining' for MBA students of AISSMS IOM
3	Mrs. S. M. Shaikh	10/08/2021	Dr. D Y Patil Institute of Technology Pimpri	Resource Person for Subject "Electrical Installation, Design and Condition Based Maintenance" for Faculty Orientation Workshop- TE (Electrical) Revised Syllabus (2019 Course)
4	Mr. P. P. Mahajan	11/08/2021	Dr. D.Y.Patil Institute of Technology, Pimpri	Resource Person for subject "Advanced Microcontroller and Embedded System" for Faculty Orientation Workshop- TE (Electrical) Revised Syllabus (2019 Course)
5	Mr. S. D. Raste	12/09/2021	Elpro International School, Chinchwad.	National Test Agency Observer- "conduct NEET Examination 2021"

Vision: Contribute to the society by imparting quality education in the field of Electrical Engineering and prepare students to succeed in their professional career by inculcating in them high human values.

ELECTROGRAPH

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Teaching Staff who attended Workshop/ Webinar.

Sr. No.	Name of Staff	Event	Organized by	Date and Event
1	Dr. SM Bakre	Five days workshop on Machine Learning	Pantech eLearning Solutions Director, Pantech Solutions, Chennai	31/05/2021 to 04/06/2021
2	Dr.A.D.Shiralkar	Online Faculty Orientation Workshop on TE (Electrical) Revised Syllabus 2019 for the subject of Digital Signal Processing; Seminar.	Department of Electrical Engineering Dr. D.Y. Patil Institute of Technology Pimpri, Pune	09/08/2021 to 11/08/2021
3	Dr.A.D.Shiralkar	FDP on Recent trends in Energy &Power System	School of Electrical Engineering Vellore Institute of Technology	06/08/2021 to 09/08/2021
4	Dr.A.D.Shiralkar	Online FDP on Industrial IoT:Automation, PLC's, VFD &Webserver	Department of Electrical Engineering, NSIC The National Small Industrial Corporation-Technical Service , Hyderabad	20/09/2021 to 24/09/2021
5	Mr. S. V. Shelar	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "AI Solution for Optimum Utilization of Power and Energy" from 2021-7-5 to 2021-7-9	NIT Srinagar. Dr. Kushal Jagtap Department of Electrical Engineering, National Institute of Technology Srinagar, J&K	05/07/2021 to 09/07/2021
6	Mr. S. M. Chaudhari	Faculty development program	EASWARI Engg College,SRM Institute	14/06/2021to 19/06/2021
7	Mr. S. M. Chaudhari	Workshop sponsored by DST-SERB-CRG	NIT-Srinagar	25/10/2021to 29/10/2021
8	Mr. S. M. Chaudhari	TE Syllabus revision workshop	BOS-Electrical SPPU + D.Y. Patil Institute of Technology ,Pune	09/08/2021to 11/08/2021
9	Mrs . K. S. Gadgil	FDP on Python Programming - A Practical approach 2 weeks duration (80 credits)	E & ICT Academy, IIT Kanpur (A Joint Initiative of MeitY & IIT Kanpur)	16/08/2021- 31/08/2021
10	Mrs . K. S. Gadgil	FDP on Smart Grid and Electric Vehicle	AICTE Training and Learning (ATAL) Academy SASTRA DEEMED UNIVERSITY, KUMBAKONAM,	04/10/2021 to 08/10/2021
11	Mrs . K. S. Gadgil	FDP on Design and Recent development in Renewable Energy Based Microgrid system	AICTE Training and Learning (ATAL) Academy NIT, Mizoram	25/10/2021 to 29/10/2021
12	Mr . S. S. Shingare	Advanced FDP on "Application of Artificial Intelligence in Research and development"	AICTE Training and Learning (ATAL) Academy CSIR -Advanced Materials and Processes Research Institute, Bhopal 462026	22/11/2021 to 26/11/2021
13	Mrs Landge S S	Faculty Orientation Workshop on TE (Electrical) Revised Syllabus 2019	Dr. D.Y. Patil Institute of Technology Pimpri,	11/08/2021
14	Mrs Landge S S	One week FDP "Power Electronic Systems and its Real Time Control Implementation in DSP"	Fr. C.Rodrigues Institute of Technology, Vashi, Navi Mumbai, Maharashtra	08/11/2021 to 12/11/2021
15	Mrs. Landge S S	One week FDP "RESEARCH ISSUES IN ELECTRIC VEHICLES "	Alagappa Chettiar Government College of Engineering and Technology College, Karaikudi, Tamil Nadu 630004	06/12/2021 to 10/12/2021
16	Mr. V. S. Kamble	FDP on Smart Grid and Electric Vehicle	AICTE Training and Learning (ATAL) Academy SASTRA DEEMED UNIVERSITY, KUMBAKONAM,	04/10/2021 to 08/10/2021
17	Mrs. S M Shaikh	SPPU TE Electrical Syllabus Revision Workshop - 2019 Course, conducted on 2nd June 2021.	AISSMS COE-Pune and SPPU Kennedy Road Pune.	02/06/2021
18	Mrs. S M Shaikh	Three Days Syllabus Orientation Workshop for T.E. Electrical Engineering (2019 Course)	Dr. DY Patil Institute of Technology- Pimpri and SPPU Pimpri-Pune	09/08/2021- 11/08/2021
19	Mrs. V. P. Kuralkar	FDP on Smart Grid and Electric Vehicle	AICTE Training and Learning (ATAL) Academy SASTRA DEEMED UNIVERSITY, KUMBAKONAM,	04/10/2021 to 08/10/2021
20	Mrs. V. P. Kuralkar	FDP on Design and Recent development in Renewable Energy Based Micro grid system	AICTE Training and Learning (ATAL) Academy NIT , Mizoram	25/10/2021 to 29/10/2021
21	Mrs. V. P. Kuralkar	One week FDP on Multi technologies	NYC of INDIA Briano vision .India and IETEAISSMS IOIT , IETE Pune Section	28/06/2021 to 03/07/2021
22	Mrs. V. P. Kuralkar	TE Electrical Revision 2019 Pattern	SPPU , AISSMS COE , Pune	2/06/2021
23	Mrs.S.M.Shaikh	Training course on MATLAB Onramp (Machine Learning with MATLAB)	MathWorks Training Services MathWorks Inc. 3Apple Hill Drive Natick	28/05/2021 to 26/10/2021
24	Sujata Powniker	1week ATAL FDP on recent trends in renewable energy	AICTE,ATAL Academy AICTE,New Delhi	20/09/2021 to 24/09/2021

Mission: To develop innovative & socially responsible engineering professionals by delivering in depth knowledge of Electrical Engineering

Journal Paper Published

Sr. No	Name of the Teacher/Author	Title of the paper	Name of the Journal/ Proceeding/ Edited Books	Volume & Issue	Year of Publication	ISBN/ ISSN No.
1	Dr. A. D. Shiralkar	Artificial Intelligence Based motor Current Signature Analysis (MCSA) of Induction Motor	IEEMA	Pages 304-308	2021	--
2	Dr. A. D. Shiralkar	Python Based Socket Programming and Cryptography for Smart Grid	Annual Technical Volume IE(I)	Pages 9-14	2021	--
3	Dr. S. M. Bakre	Artificial Intelligence Based motor Current Signature Analysis (MCSA) of Induction Motor	IEEMA	Pages 304-308	2021	--
4	Dr. S. M. Bakre	Simplified Transformer Based multi level inverter Topology For renewable Energy Applications	International Journal of Advances Research in Science & Engineering	Vol. 10 Issue 11	Nov 2021	2319-8354
5	Dr. S. M. Bakre	Python Based Socket Programming and Cryptography for Smart Grid	Annual Technical Volume IE(I)	Pages 9-14	2021	--
6	Mr. V. S. Kamble	Movable Charging System For E-Vehicles	Kala Sarovar	Vol-24 No. 03	July-Sept 2021	ISSN: 0975-4520
7	Mr. V. S. Kamble	Efficient Solar Panels By Automatic Cleaning System	Kala Sarovar	Vol-24 No. 02	April-June 2021	ISSN: 0975-4520
8	Mrs. S. M. Shaikh	H-Bridge 7 Switches Transformer less MOSFET Inverter to Improve Efficiency of Grid-Tied Photovoltaic System	Journal of Emerging Technologies and Innovative Research	Vol. 8, Issue 8	August 2021	2349-5162
9	Mrs. S. M. Shaikh	Python Based Socket Programming and Cryptography for Smart Grid	Annual Technical Volume IE(I)	Pages 9-14	2021	--

Conference Paper Published

Sr. No.	Name of the Teacher/ author	Title of the paper	Name of the Journal/ Proceeding/ Edited Books	Year of Publication
1	Dr. A. D. Shiralkar	Neural Network Based Transparent Solar Windows	International Conference on Current Trends in Multidisciplinary Research	01/08/2021
2	Dr. A. D. Shiralkar	Artificial Intelligence Based motor Current Signature Analysis (MCSA) of Induction Motor	IEEMA10th International Conference & Exposition On Electrical Rotating Machines, Drives & Applications	06/09/2021 to 08/09/2021
3	Dr. S. M. Bakre	Neural Network Based Transparent Solar Windows	International Conference on Current Trends in Multidisciplinary Research	01/08/2021
4	Dr. S. M. Bakre	Artificial Intelligence Based motor Current Signature Analysis (MCSA) of Induction Motor	IEEMA10th International Conference & Exposition On Electrical Rotating Machines, Drives & Applications	06/09/2021 to 08/09/2021

Non Teaching Staff	Mrs. S.S. Ingle	Paper Published on "Neural Network Based Transparent Solar Windows"	Souvenir International Conference Indian Academicians and Researchers Association (IARA)	01/08/2021
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Students' Journal Paper Published

Sr. No	Name of the Student/Author	Title of the paper	Name of the Journal/ Proceeding/ Edited Books	Volume & Issue	Year of Publication	ISBN/ ISSN No.
1	Dinesh Pansare Tejeshree Mule Nikita Markad	ANN based VEM	IEEE Explore		2021	
2	Tejeshree Mule	AMI using ANN	IRJET	Vol 8 Issue 6	2021	2395-0056

Industry Institute Interaction

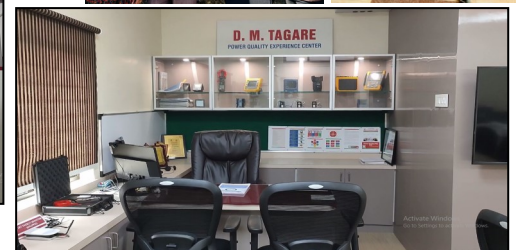
Industrial Visit

Sr. No	Date of Visit	Class	Company	No of Students Visited	Organized by/ Attended by
1	21/09/2021	TE	132kV Cable laying and joining works- Ganeshkhind	06	Dr. A.D. Shiralkar Mrs. S.M. Shaikh Dr. S.M. Bakre Mrs. V.P. Kuralkar Mr. S.D. Raste
2	26/11/2021	TE & BE	220kV Substation, Serum Institute of India, Pvt. Ltd	18	Dr. S. M. Bakre Dr. A.D. Shiralkar Mrs. K.S. Gadgil Mr. V.S. KAmble Mrs. S.M. Shaikh Mrs. V.P. Kuralkar Mr. P.P. Mahajan



Power Quality Cell

Date From	Consultancy For	Address of agency with E-mail id and contact no.	Faculty
05/12/2021 to 06/12/2021	Power Quality Measurement and Analysis	Additional Executive Engineer, 132 KV Markal SS Maharashtra State Electricity Transmission Co. Ltd	Mr. S.V. Shelar
02/12/2021 to 03/12/2021	KVAH Billing Analysis	Executive Engineer, 400KV Jejuri SS Maharashtra State Electricity Transmission Co. Ltd	Mr. S.V. Shelar



Seminar/Workshops/Conference

Sr. No.	Department	Topic	Conducted by	Date	Funded by
1	Electrical	Webinar on PLC & SCADA	Mr. Vikas Gade , Director, The world of Automation Pune Organized by Dr. A.D. Shiralkar	16/08/2021	---
2	Electrical	Workshop on PLC and SCADA	Ms. Ashwini Oza, Mr. Vikas Gade The World of Automation	23/08/2021 to 08/08/2021	AISSMS
3	Electrical	Webinar Electric Vehicle	Mr. Aniket Shinde Manager MG Motors Baroda	08/09/2021	AISSMS
4	Electrical	Webinar on "Electric Mobility overview and opportunities"	Mr. Bhagwan Bhosale. Deputy General Manager, Electric Vehicle Business Unit, TATA Motors, Pune	23/09/2021	AISSMS
5	Electrical	Webinar on "Practical Aspects on being an Entrepreneur"	Mr. Amey Pataskar , Proprietor, pQ Excel Solutions Pvt Ltd .	01/10/2021	---

Faculty Knowledge Forum

Total 26 Activity Conducted Under Faculty Knowledge forum

Sr. No	Name of Staff	Date	Details of activities performed
1	Dr. A. D. Shiralkar	27/08/2021	Control design techniques for power electronics systems Advanced Control System
2	Dr. S. M. Bakre	02/09/2021	AI Based Electric Drives (as per ME SEM II Autonomy Syllabus)
3	Mr. S. V. Shelar	03/09/2021	Power Quality lab and demonstration of the equipment
4	Mr. S. M. Chaudhari	25/08/2021	Measurement -instrumentation and sensors
5	Mrs. K. S. Gadgil	13/09/2021	Electric Vehicle
6	Mr. S. S. Shingare	13/09/2021	Discussion of e-course file of SGP subject.
7	Mrs. S. S. Landge	28/08/2021	Presentation of e-course file of subject Power Electronics
8	Mr. V. S. Kamble	08/09/2021	ME: Power system advanced concepts,
9	Mrs. S. M. Shaikh	06/09/2021	Presentation of e-course file of subject High Voltage Engineering
10	Mrs. V. P. Kuralkar	02/09/2021	Design of Machines
11	Mr. P. P. Mahajan	27/08/2021	Discussion of e-course file of PGT subject.
12	Mrs. S. N. Powniker	09/09/2021	Discussion of e-course file of BEE subject.
13	Mr. S. D. Raste	03/09/2021	Discussion of e-course file-Network Analysis Subject



Expert Lecture Organized

Sr. No.	Date	Activity Details Topic with class & students' count	Speaker/ Judge	Organizer/ Staff Co coordinator / Student Coordinator
1	08/12/2021	Webinar on Embedded Systems in Automobile Industry Participants:53	Mr. Mahesh Ghorpade Embedded Software Engineer. KNORR-BREMSE TECHNOLOGY CENTER INDIA PRIVATE LIMITED	Mr. P.P. Mahajan
2	08/09/2021	Webinar on वाघ, व्याघ्र साम्राज्य आणि अरण्य वाचन Participants:	Mr. Mandar Khadilkar Wild Life Enthusist And Naturalist Director-Nature india Tours	Mr. S.M. Chaudhari

Non-Teaching Staff who attended Workshop/ Webinar.

Sr. No.	Name of Staff	Event	Organized by	Date and Event
1	Mrs. S. S. Ingle	Seminar on "Cyber Security Awareness"	AISSMS IOIT, Pune	13 /10/ 2021
2	Mrs. S. S. Ingle	Participating in "Environment Day"	AICHe student Chapter, AISSMS IOIT, Pune	05/06/ 2021
3	Mrs. S. S. Ingle	Participating in "Surya Namaskar"	Sport Section AISSMS IOIT, Pune	21 /06/ 2021
4	Mrs. S. S. Ingle	Participating Paper presentation in IEEE YESIST12 "Artificial Neural Network based Solar Windows"	IEEE YESIST12	28/10/ 2021
5	Mr. Udhav Waikar Mr. Santosh Pawar Mr. Rakesh Raut	Seminar on "Cyber Security Awareness"	AISSMS IOIT, Pune	13 /10/ 2021

ELECTROGRAPH**7****Professional Cell Activities****IEEE Students' Branch**

Sr. No	Date	Activity Details with class & students' count	Topic	Resource person/ Judge
1	20/08/2021	Membership Drive SE, TE, BE 552	IEEE Membership Drive	Gaurav Sonawane EX – SSR, IEEE Pune Section, Dr. P. B. Mane, Chair, Communication Society
2	23/08/2021 to 28/08/2021	Workshop Participants :40	PLC and SCADA	Mr. Vikas Gade Director, The world of Automation, Pune
3	17/07/2021	Webinar Participants: 211	RF over Fiber	Mr. S. Sureshkumar, Senior Engineer-F and Group Head, GMRT Observatory, NCRA-TIFR PUNE
4	09/10/2021	Webinar Participants: 115	'Roadmap For Placement'	Sejal Oswal & Annette John, Alumni of AISSMS IOIT
5	24/09/2021	Programming competition Participants: 43	Codathon	Sakshi Nagapure, IEEE Student
6	24/09/2021 to 25/09/2021	Technical Quiz Participants: 33	Kaun Banega Tech Guru	Madhavi Shinde, IEEE Student
7	24/09/2021	Technical Quiz Participants: 49	Guess Mania	Sakhi Bhagwat, IEEE Student
8	12/10/2021	Participants: 49	Rewarding career & experience in biomedical Instrumentation	Mr. Aniruddha Sinnarkar, Advanced Operation Engineer at Hologic incorporate United
9	09/10/2021	Webinar Participants:143	Roadmap To Placements	Ms. Annette John, Ms. Sejal Oswal
10	26/11/2021	Webinar Participants: 87	"GPS System and Inertial Navigation With Live Marking of Satellites"	Mr. Pravin Raybole

IE(I) Student's Branch

Sr. No.	Date	Activity Details with class & students' count	Topic	Resource person/ Judge
1	07/09/2021	Membership Drive Total participants 179	Benefits and opportunities of Professional Students' Chapter	Nr. Nitin P. Mawle Assist. Professor E& TC Department AISSMS,COE
2	15/09/2021	Webinar SE/TE/BE 71	" Understanding the Power Quality Issues and its Solution"	Mr. Nagesh Dhang ,Dy .Gen Manager Shreem Electric Limited , Jaysighpur
3	17/09/2021	Online Webinar TE - 53	Basics of Earth Testing	Mr. Sumeet Mishra Application Engineer Megger(India) Pvt. Ltd
4	23/09/2021	Webinar SE/TE/BE – 77	Electric mobility overview and opportunities	Mr.Bhagwan Bhosale Deputy General manager Electric Vehicle Unit, TATA Motors, Pune.
5	24/09/2021	Online quiz SE/TE/BE- 18	Just Guess it	Shrinath Burungale (SE Electrical) Pradnya Waghmare (TE Electrical)
6	24/09/2021	Online technical event SE/TE/BE- 24	Quick Rapid Fire	Mansi Wavarkar (BE Electrical) Pratyasha Kar (BE Electrical)
7	24/09/2021	Online technical event Total participants : 51	Technical Quiz	Rutuja Pimpalkar (BE Electrical) Nihar Chalke(TE Electrical)
8	28/09/2021	Online project competition SE/TE	Project Mania	Mrs. K.S Gadgil Mrs. S.S Landge, Assist. Professor, Dept of Electrical Engineering

Renewable Energy Cell (REC) Cell

No	Date	Activity Details with class & students' count	Topic	Resource person/ Judge
1	20/08/2021	Akshay Urja Diwas celebration BE -29 TE -49 SE – 27	Opportunities in Renewable Energy	Ms . Poonam Kothari Project Manager, EPC Project Development Steag Solar Energy Soltions Germany
2	08/09/2021 to 15/09/2021	Poster Competition on the occasion of Engineer's Day	Energy Conservation	Dr. A.D. Shiralkar Mrs. K.S. Gadgil Mr. S.M. Chaudhari

If we don't change, tomorrow we will be literally 'power' less.

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ELECTROGRAPH**Industry Associated BE Projects**

Sr. No.	Name Of the Company	Student Name
1	Automate Engineering, Pune	Sonal Chittar Meenakshi More Suraj Khandave Ashutosh Mane

Industry Training Attended

Sr. No.	Name of the Company	Name of the Students
1	Tata Steel	Ashish Khamkar
2	B M Electronics, Nasik	Kulkarni Akshata
3	B M Electronics, Nasik	Nihar Chalke
4	B M Electronics, Nasik	Divya Patil
5	B M Electronics, Nasik	Patil Dilip
6	B M Electronics, Nasik	Kajal Mahajan
7	B M Electronics, Nasik	Pooja Nagarkar
8	Aerizone Automation & Security Systems	Sakshi Desale
9	Tata motors	Maheshwari Babar
10	Sarvadhanya Electro Techand	Amol Baile
11	Tata motors	Archana Dighule
12	Tata motors	Bhavana Giri
13	Shree Vaibhav Electrical	Kunal Kamble
14	Tata motors	Pallav Khorate
15	JS Mane and Co	Ashutosh Mane
16	Powergrid Exam / Tata Motors	Harshada Patil
17	Sarvadhanya Electro Techand	Kunal Patil
18	The world of Automation	Prajakta Pawara
19	Dynamic Crane Engineers PVT. LTD.	Aditya Sawant
20	M/S Thorat Electricals	Aniket Thorat

Electrical Engineering Students' Association (EESA)

Sr. No	Date	Activity Details Topic with class & students' count	Organizer/ Staff Coordinator / Student Coordinator
1	30/07/2021	Gurupurnima celebration SE 12, TE 20, BE 15	Principal Dr. P B Mane, Faculty
2	12/08/2021	Coffee & Conversation with Alumni SE 26, TE 30, BE 30	Mr. Aniket Samel Toyota Motors, USA.
3	06/09/2021	Teacher's Day celebration SE 51, TE 87, BE 67	All the staff members of the Electrical Dept.
4	08/09/2021	Social activity: Tiger, his kingdom and Decifer forest Webinar	Mr. Mandar Khadilkar
5	24/09/2021 to 27/09/2021	Enthusia Event	Mrs. Sujata Powniker

EESA Inauguration**Other Activities****Department Activities:**

13 Activities Conducted during Activity period by faculty members

Entrepreneurship Activities:

1. Soft Skills training for TE students conducted (Every thursday 1pm to 3pm)
2. Mathematical Aptitude Training for BE Students conducted (Every Wednesday 10.15am to 12.15 pm)
Name of the company : Institute of Holistic Healing India
3. Online webinar on, "Practical aspects of Being an Entrepreneur" on 01/10/2021 time: 10.15am to 11.15am
Resource Person: Mr. Amey Pataskar,
Name of the company: pqExcel Solutions Pvt. Ltd.

T&P Cell:

1. Total 20 Companies was visited for Placement
2. Webinar on "Electric Mobility overview & opportunities" conducted on 23/09/2021
Resource Person: Mr Bhagwan Bhosale. Dy. General Manager, Electric Vehicle Bussiness Unit, TATA Motors, Pune .
3. Conducted Aptitude test for BE Students on 24/09/2021

**Media Coverage**

Student Editor — Ms. Rutuja Pawar, T. E. Electrical
Teacher Editor — Mr. S.D. Raste, Asst. Professor Electrical

Publisher — Dr. A. D. Shiralkar, HOD
Department of Electrical Engineering



DEPARTMENT OF ELECTRICAL ENGINEERING

ELECTROGRAPH

NEWS LETTER 2021-22 SEM-II

**Program Education Objectives (PEOs)**

PEO1: Equip graduates with skills to excel in academic, professional career and higher studies.

PEO2: Inculcate ability among the graduates to investigate problems in engineering and provide effective solutions.

PEO3: Prepare graduates to engage in lifelong learning by developing in them professional social and Ethical attitude.

Program Specific Outcomes (PSOs)

PSO1: Graduates will be able to identify problems in the field of electrical engineering and analysis/ design/ develop solutions.

PSO2: Graduates will be able to select and apply different software tools required for design and/or analysis of electrical systems.

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]**

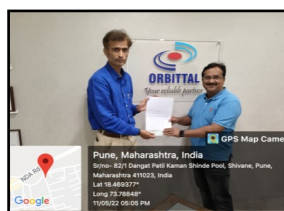
PO10. Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions. **[Communication]**

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]**

Students Placement Year 2021-22**30 Students (SEM-I & II)**

Sr. No	Name Of the Students	Name Of Company
1	Rutvik Jaiswal	Zensar
2	Sayali Patil	Zensar
3	Varun Pacharne	Cognizant
4	Pranesh Palande	Cognizant
5	Kunal Jadhao,	Capgemini
6	Adesh Baliram Naikwadi	Cognizant
7	Akash Sarjerao Deshmukh,	Cognizant
8	Patil Vinay	TATA Motors
9	Mitali Gemsingh Rathod,	Cognizant
10	Arti Shankarrao Dhakulkar,	Cognizant
11	Bhawana Giri	TATA Motors
12	Mahesh Ambore	Tech Mahindra
13	Ashish Appasaheb Khamkar	Cognizant
14	Bhavana Giri	KPIT
15	Manasi Vazarkar	KPIT
16	Shwata Deokate	KPIT
17	Ashish Khamkar	Siemens
18	Sanket Bormane	Nihilent Technologies
19	Bhaves Chaudhari	iPRIMED Education solutions Pvt. Ltd.
20	Sayali Patil	Wipro

Department Achievements

MOU Signed with
Orbital
Electromech
Engineering
Projects Pvt
Ltd, Pune



Girls Volleyball Runner up in Interdepartmental sports

Faculty Achievements

1. Dr. Ashpana D. Shiralkar and Mrs. K. S. Gadgil received Research grant funded by Paramtech Motors Pvt. Ltd with Rs. 1,50,000 /-.

Students' Achievements

Prtayasha Kar
Manzi Wazarkar
Pratik Ghawate
Vishal Dhobale

Consolation Prize (Rs.5000/-) Regional Level Project Competition Sponsored by DTE In association with SPPU on 02/05/2022 (BE Electrical Students)

Books Published

Sr. No	Name of the Teacher/Author	Title of the Book	Name of Publication	Year of Publication	ISBN/ISSN No.
1	Dr. S. M. Bakre	Python Programming with Google Colab	Amazon KDP Publishing, USA	December 2021	ASIN : B09N29C8W
2	Mr. S. M. Chaudhari	Power System Protection And Switchgear	Techknowledge Publication	January 2022	978-93-5563-144-2
3	Mr. S. M. Chaudhari	Computer Aided Design of Electrical Machines	Techknowledge Publication	January 2022	978-93- 5563-174-9
4	Mr. S. M. Chaudhari	Illumination Engineering	Techknowledge Publication	January 2022	978-93-88314-65-7
5	Mr. S. M. Chaudhari	High Voltage Engineering	Techknowledge Publication	January 2022	978-93-89748-36-9
6	Mrs. K. S. Gadgil	Numerical Methods and Computer Programming	Techknowledge Publication	March 2022	978-93-89828-06-1

Resource Person

Sr. No.	Faculty Name	Date	Details
1	Dr. A.D. Shiralkar	06/02/2022	Delivered presentation on TPV systems at International Conference organized by IARA, Ghaziabad, Online platform
2	Dr. A.D. Shiralkar	22/04/2022	Judge for Pitcher Den Event Organized by IEEE Student Branch, Pune.
3	Dr. A.D. Shiralkar	20/05/2022 to 21/05/2022	Reviewer for National Conference NCASET 2022 organized by College of Engineering, Karad.
4	Dr. S. M. Bakre	21/04/2022	As Judge for Mini Project Competition organized by E&TC Department AISSMS IOIT, Pune.
5	Dr. S. M. Bakre	20/01/2022	Expert lecture delivered on ML applications in Microgrids at ATAL FDP Organized by Modern College of Engineering, Pune.
6	Dr. S. M. Bakre	06/02/2022	Delivered presentation on TPV systems at International Conference organized by IARA, Ghaziabad, Online platform
7	Dr. S. M. Bakre	01/03/2022	Expert lecture delivered on ML applications in Microgrids at IEEE Smart Cities, USA, Online platform
8	Dr. S. M. Bakre	08/04/2022	Expert lecture delivered on HVDC at AISSMS COE, Pune
9	Dr. S. M. Bakre	25/04/2022	Expert lecture delivered on Smart Grid Technologies at Ramchandra Engineering College and Polytechnic, Lonikand, pune.
10	Dr. S. M. Bakre	18/02/2022	Expert lecture delivered on AI Applications in Power System Operation and Control at JSPM RSCOE, Pune
11	Dr. S. M. Bakre	20/05/2022 to 21/05/2022	Reviewer for National Conference NCASET 2022 organized by College of Engineering, Karad.
12	Mr. S. M. Chaudhari	21/04/2022	Judge for Mini Project Competition organized by E&TC dept., AISSMS IOIT, Pune.
13	Mrs. K. S. Gadgill	21/04/2022	Judge for Mini Project Competition organized by E&TC dept., AISSMS IOIT, Pune.
14	Mrs. S. M. Shaikh	21/04/2022	As Judge for Mini Project Competition organized by E&TC Department AISSMS IOIT, Pune.
15	Mrs. V. A. Yawale	21/04/2022	Judge for Mini Project Competition organized by E&TC dept., AISSMS IOIT, Pune.
Mrs. S.S. Ingle (Non-teaching Staff)		06/02/2022	Ghaziabad, Online Delivered presentation on TPV systems at International Conference organized by IARA

Vision: Contribute to the society by imparting quality education in the field of Electrical Engineering and prepare students to succeed in their professional career by inculcating in them high human values.

ELECTROGRAPH**3****Teaching Staff who attended Workshop/ Webinar.**

Sr. No.	Name of Faculty	Event	Organized by	Date and Event
1	Dr. A. D. Shiralkar	30Days AI Master Class	Pantech Prolab India Pvt.Ltd	20/12/2021 to 15/01/2022
2	Dr. A. D. Shiralkar	Short Term Training Programme through ICT Mode on Control System Analysis and Design with MATLAB	NITTR Kolkatta	17/01/2022 to 21/01/2022
3	Mr. S. M. Chaudhari	STTP/Refresher Program on Project Based Learning	AISSMS COE & ISTE	21/02/2022 to 26/02/2022
4	Mrs. K. S. Gadgil	AICTE-ISTE approved Orientation/Refresher Programme on "Green Energy Generation for Sustainable Development (GEGSD2k22)	Rajiv Gandhi College of Engineering, Research & Technology, Chandrapur.	15/01/2022 to 21/01/2022
5	Mrs. K. S. Gadgil	AICTE-ISTE approved Orientation/Refresher Programme on "AI Based Condition Monitoring of Electrical System"	Amrurvahini College of Engineering, sangamner, Dist. Ahmednagar	28/01/2022 to 03/01/2022
6	Mrs. K. S. Gadgil	Swayam-NPTEL course on Digital Electronic Circuit	IIT- Kharagpur , Swayam,-NPTEL, AICTE approved FDP	24/01/2022 to 15/04/2022
7	Mr. S. S. Shingare	STTP/Refresher Program on Project Based Learning	AISSMS COE & ISTE	21/02/2022 to 26/02/2022
8	Mr. V. S. Kamble	AICTE-ISTE approved Orientation/Refresher Programme on "AI Based Condition Monitoring of Electrical System"	Amrurvahini College of Engineering, sangamner, Dist. Ahmednagar	28/01/2022 to 03/02/2022
9	Mr. V. S. Kamble	AICTE-ISTE approved Orientation/Refresher Programme on "Green Energy Generation for Sustainable Development (GEGSD2k22)	Rajiv Gandhi College of Engineering, Research & Technology, Chandrapur.	15/01/2022 to 21/01/2022
10	Mrs. S. S. Landge	AICTE-ISTE approved Orientation/Refresher Programme on "Green Energy Generation for Sustainable Development (GEGSD2k22)	Rajiv Gandhi College of Engineering, Research & Technology, Chandrapur.	15/01/2022 to 21/01/2022
11	Mrs S. S. Landge	Human values-UHV Course	AICTE	11/04/2022 to 15/04/2022
12	Mrs. S. M. Shaikh	5 days National Level Workshop on Simulation & Analysis of Power System Case "MiPower"	Presidency University- Bangalore- School of Engg- Dept. of Electrical & Electronics Engg and PRDC Pvt. Ltd., Bangalore.	14/02/2022 to 18/02/2022
13	Mrs. S. M. Shaikh	AICTE ATAL Sponsored One Week FDP On "Advanced Control and Sensor Technology for Smart Grid with Renewable Energy Integration"	Progressive Education Society's Modern College of Engineering Pune, Maharashtra	17/01/2022 to 21/01/2022
14	Mrs. S. M. Shaikh	Swayam-NPTEL course on, "Electric Vehicles - Part 1"	IIT-Delhi, Swayam, NPTEL, AICTE approved FDP	21/02/2022 to 18/03/2022
15	Mrs. S. M. Shaikh	5 day UHV FDP, "Incorporating Universal Human Values in Education"	AICTE	11/04/2022 to 15/04/2022
16	Mrs. V. P. Kuralkar	AICTE-ISTE approved Orientation/Refresher Programme on "Green Energy Generation for Sustainable Development (GEGSD2k22)	Rajiv Gandhi College of Engineering, Research & Technology, Chandrapur.	15/01/2022 to 21/01/2022
17	Mrs. V. P. Kuralkar	AICTE-ISTE approved Orientation/Refresher Programme on "AI Based Condition Monitoring of Electrical System"	Amrurvahini College of Engineering, sangamner, Dist. Ahmednagar, Maharashtra	28/01/2022 to 03/02/2022
18	Mrs. V. P. Kuralkar	5 day UHV FDP, "Incorporating Universal Human Values in Education"	AICTE	11/04/2022 to 15/04/2022
19	Mrs. V. P. Kuralkar	Swayam-NPTEL course on Digital Electronic Circuit	IIT- Kharagpur , Swayam,-NPTEL, AICTE approved FDP	24/01/2022 to 15/04/2022
20	Mrs. S. N. Powniker	Human values-UHV Course	AICTE	14/03/2022 to 19/03/2022
21	Mrs. S. N. Powniker	STTP/Refresher Program on Project Based Learning	AISSMS COE & ISTE	21/02/2022 to 26/02/2022
22	Mr. S. D. Raste	Human values-UHV Course	AICTE	11/04/2022 to 15/04/2022

Mission: To develop innovative & socially responsible engineering professionals by delivering in depth knowledge of Electrical Engineering

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ELECTROGRAPH**Journal Paper Published**

Sr. No	Name of the Teacher/Author	Title of the paper	Name of the Journal/ Proceeding/ Edited Books	Volume & Issue	Year of Publication	ISBN/ ISSN No.
1	Dr. A. D. Shiralkar	Artificial Neural Network Based Electricity Theft Detection.	IEEE ESCI 2022	1-6	2022	978-1-6654-0073-2
2	Dr. S. M. Bakre	Artificial Neural Network Based Electricity Theft Detection.	IEEE ESCI 2022	1-6	2022	978-1-6654-0073-2
3	Mr. S. V. Shelar	Artificial Neural Network Based Electricity Theft Detection.	IEEE ESCI 2022	1-6	2022	978-1-6654-0073-2
4	Mrs. Suchita Ingle	Artificial Neural Network Based Electricity Theft Detection.	IEEE ESCI 2022	1-6	2022	978-1-6654-0073-2

Conference Paper Published

Sr. No	Name of the Teacher/ author	Title of the paper	Name of the Journal/ Proceeding/ Edited Books	Year of Publication
1	Dr. A. D. Shiralkar	Solar Transparent Photovoltaic Cell Systems	IEEMA Journal	April 2022
2	Dr. A. D. Shiralkar	Energy Meter Tamper Detection and Alert Messaging System	International Journal of Technology Engineering Arts Mathematics Science	December 2021
3	Dr. A. D. Shiralkar	Python Based Socket Programming and Cryptography for Smart Grid	Institute of Engineers (IEI) Annual Technical Volume on Secure, efficient and Advanced infrastructure Smart Grid	December 2021
4	Dr. S.M. Bakre	Solar Transparent Photovoltaic Cell Systems	IEEMA Journal	April 2022
5	Dr. S.M. Bakre	Energy Meter Tamper Detection and Alert Messaging System	International Journal of Technology Engineering Arts Mathematics Science	December 2021
6	Dr. S.M. Bakre	Python Based Socket Programming and Cryptography for Smart Grid	Institute of Engineers (IEI) Annual Technical Volume on Secure, efficient and Advanced infrastructure Smart Grid	December 2021
7	Mrs. S. M. Shaikh	Python Based Socket Programming and Cryptography for Smart Grid	Institute of Engineers (IEI) Annual Technical Volume on Secure, efficient and Advanced infrastructure Smart Grid	December 2021

Non Teaching Staff	Mrs. S.S. Ingle	Paper Published on "Neural Network Based Transparent Solar Windows"	Souvenir International Conference Indian Academicians and Researchers Association (IARA)	01/08/2021
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Students' Journal Paper Published

Sr. No	Name of the Student/Author	Title of the paper	Name of the Journal/ Proceeding/ Edited Books	Volume & Issue	Year of Publication	ISBN/ ISSN No.
1	Yash Amol Rathod, Abhijeet B Peddawad, Kshitij Jitendra Jagtap, Nikhil Nagendra	Energy Meter Tamper Detection and Alert Messaging System	IJTEAMS International Journal of Technology Engineering Arts Mathematics Science	Vol I Issue 2 Page	July-December 2021	ISSN: 2583-1224

Seminar/Workshops/Conference Organized

Sr. No.	Department	Topic	Conducted by	Date	Funded by
1	Electrical	Workshop on Design and testing of three phase transformers	Mr. Nachiket Kulkarni Director, N Kenin Transformers ,Latur	02/03/2022 to 04/03/2022	IE(I) Branch

Industry Institute Interaction

Industrial Visit

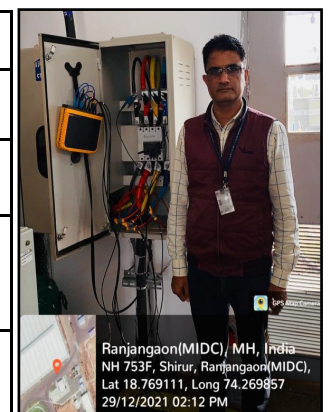
Sr. No	Date of Visit	Class	Company	No of Students Visited	Organized by/ Attended by
1	04/04/2022	TE	Manisha Engineering Pvt. Ltd. Pirangut Pune	24	Mrs. V. P. Kuralkar Mr. V. S. Kamble Mrs. S. L. Landge
2	03/03/2022	SE, BE	Ramelex Engineering Pvt Ltd	23	Mrs.S. M. Shaikh Dr. S. M. Bakre, Mr. S. M. Chaudhari Mrs. K S Gadgil Mr P P Mahajan Mrs. S. N. Powniker
3	01/04/2022	BE	Maharashtra State Load Despatch Centre-Kalwa	03	Mrs. S. M. Shaikh Dr. S.M.Bakre, Mr. U A Waikar
4	25/03/2022	BE	PMPME E-Vehicle Maintenance and charging Station, Bhekrai Nagar, Hadapsar, Pune	18	Mrs. S S Landge Dr. S M Bakre Dr. A D Shiralkar Mr S V Shelar Mr S S Shingare Mr S D Raste
5	16/12/2021	TE/ BE	Maharashtra Energy Development Agency (MEDA)	15	Dr. S.M. Bakre Mr. S M Chaudhari Mr. V S Kamble Mrs. S S Landge Mrs. K S Gadgil Mrs. S N Powniker



Sr. No	Date	Company Visited	Attended by
1	03/04/2022	Pune Alternate Fuel Conclave	Mrs. K. S. Gadgil
2	03/03/2022	Skill Development Center,Pune	Mrs. S.S. Landge Dr. A.D. Shiralkar
3	08/04/2022	Celestial Institute of Technology Pune	Dr. A.D. Shiralkar
4	05/04/2022	SPPU Research Park Pune	Dr. A.D. Shiralkar

Power Quality Cell

Date From	Date To	Consultancy For	Address of agency with E-mail id and contact no.	Faculty
28/12/2021	29/12/2021	Subodhan Engineers Pvt Ltd	B - 9, Cooperative Industrial Estate Baramati 413103 Dist. Pune	Mr. S.V. Shelar
04/02/2022	25/02/2022	Brawn Energy	1, Sai Siddharth, Ekta Nagari, Anandnagar, Pune - 411051	Mr. S.V. Shelar
18/04/2022	22/04/2022	SM Infra Electrade	No.9, Ground Floor,SLV Building, Chandra reddy Layout, Ayyappa nagar, Hoodi Main Road, Bangalore :560036	Mr. S.V. Shelar
19/03/2022	19/03/2022	Maharashtra State Electricity Transmis-sion Co. Ltd., Pune	220 KV Pirangut SS	Mr. S.V. Shelar



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ELECTROGRAPH**Faculty Knowledge Forum**

Total 13 Activities Conducted Under Faculty Knowledge forum

Sr. No	Name of Staff	Date	Details of activities performed
1	Dr. A. D. Shiralkar	08/04/2022	Workshop on Examination Reforms
2	Dr. S. M. Bakre	12/04/2022	Interaction on 'High Voltage DC Transmission'
3	Mr. S. V. Shelar	11/03/2022	Power quality case study
4	Mr. S. M. Chaudhari	22/04/2022	Solar Plant of AISSMS -RTO Campus
5	Mrs. K. S. Gadgil	11/02/2022	Policies for electrical Vehicle in India
6	Mr. S S. Shingare	29/04/2022	Switchgear and protection
7	Mrs. S. S. Landge	21/02/2022	Smart grid discussion
8	Mr. V. S. Kamble	18/03/2022	Keyboard shortcuts in Excel.
9	Mrs. S. M. Shaikh	08/04/2022	Role of PMU in Smart Grid
10	Mrs. V. P. Kuralkar	08/04/2022	Interaction on "Importance of human values and skills in technical institutes "
11	Mr. P. P Mahajan	23/02/2022	Autonomy structure for Undergraduate course and Post graduate course
12	Mrs. S. N. Powniker	08/04/2022	Capacitor charging Vlab
13	Mr. S D Raste	13/04/2022	Autonomous Practical syllabus Basic Electrical

**Expert Lecture Organized**

Sr. No.	Date	Activity Details Topic with class & students' count	Speaker/ Judge	Organizer/ Staff Co coordinator / Student Coordinator
1	19/01/2022	Expert Lecture on Scope and future opportunities in Machine Learning SE, TE Electrical—106	Mr. Ganesh Attarde CEO & Founder G. B. Softronic Solutions	Mr. V. S. Kamble
2	15/03/2022	Expert Lecture on Opportunities of Electrical Engg Automation TE Electrical—40	Mrs. Ruchira Gore, System Engineer Honeywell Automation, Pune	Dr. A. D. Shiralkar
3	10/02/2022	Expert Lecture on Scope and future in design and testing of 3ph transformers TE-52	Mr. Nachiket Kulkarni, Director, N Kenin transformers, Latur.	Mrs. V.P. Kuralkar
4	15/02/2022	Expert Lecture Opportunities In Solar PV SE-50	Mr. Saurubh Nirgudkar Energy Engineering India Pvt. Ltd.	Mrs. K.S. Gadgil

Non-Teaching Staff who attended Workshop/ Webinar.

Sr. No.	Name of Staff	Event	Organized by	Date and Event
1	Mrs. S. S. Ingle	3 days online National Level skill development program	Modern Education Society's COE, Pune	23/02/2022 to 25/02/2022
2	Mrs. S. S. Ingle	Short term training programme	National Institute of Technical teachers training & research (NITTTR) Kolkata	3/01/2022 to 07/01/2022
3	Mr. Santosh Pawar Mr. Rakesh Raut Mr. Laxmikant Upare	3 days online National Level skill development program	Modern Education Society's COE, Pune	23/02/2022 to 25/02/2022
4	Mr. Laxmikant Upare	Digital Empowerment Course	CompuCon in association with Digital Pune Mission, PMC	25/01/2022 to 25/02/2022

ELECTROGRAPH**7****Professional Cell Activities****IEEE Students' Branch**

Sr. No	Date	Activity Details with class & students' count	Topic	Resource person/ Judge
1	08/03/2022	Expert Lecture TE-52 BE 18	Planning & Success Tips to Crack ESE & GATE Exams in First Attempt	Mr. Suneel Tiwari Sr Faculty, MADE EASY Education Pvt. Ltd
2	14/03/2022	Workshop TE, 72	Workshop on Big Data Processing	Mr. Yogesh Murumkar
3	08/03/2022	Tutorial talk 95 All class	Analytics in Power Measurement	Mr. Vinod Joshi
4	08/03/2022	Tutorial talk 111 All class	Machine learning	Mr. Nikhil Malhotra
5	08/03/2022	Tutorial talk 61+159 All	IoT and Data Center. Impact, Requirements and Infrastructure	Dr. Koudinya Koorapati Dr. Prachi Joshi
7	09/03/2022	Key note talk 113 All class	"Look East, Act Global --- Critical Importance of Indo-Japanese Bond"	Mr. Tomio Isogai
8	09/03/2022	Key note talk 100 All class	Machine learning with applications to Healthcare	Prof K.V.S. Hari
9	10/03/2022	Key note talk 98 All class	Urban Intelligence & Secure Data Sensing :A new research direction	Dr. Mohamed Elhoseny
10	09/03/2022	Key note talk 198 All class	Keynote talk on Quantum Computing: A Revolution in The Making	Dr. San Murugesan
11	10/03/2022	Key note talk 218 All class	Design mechanics & AI & Robots (Advances on Intelligent Robotics and Applications)	Chyi-Yeu Lin
12	11/03/2022	Key note talk 124 All class	High Reporting Rate Measurements	Prof. Mihaela Albu

IE(I) Student's Branch

Sr. No	Date	Activity Details with class & students' count	Topic	Resource person/ Judge
1	19/01/2022	Webinar SE/TE/BE -106	Scope, Future and Opportunities in Machine Learning	Mr. Ganesh Attarde, CEO & Founder G. B. Softronics Solutions, Nashik
2	15/02/2022	Webinar SE -50	Opportunities in Solar PV	Mr. Saurabh Nirgudkar
3	02/03/2022 to 04/03/2022	Workshop TE-68	Design and testing of three phase transformers	Mr. Nachiket Kulkarni Director, N Kenin Transformers Latur
4	03/03/2022	Industrial visit Ramelex Private Limited (RPL) BE-6 SE-17	HVE and Power system I industrial visit	Mr. Diwase Manager
5	08/03/2022	Expert Lecture TE/BE - 70	Planning & Success Tips to Crack ESE & GATE Exams in First Attempt	Mr. Suneel Tiwari Senior Faculty Member MADE EASY Education Pvt. Ltd
6	24/03/2022	workshop TE-40	Industrial Automation	Mrs. Ashwini Oza, Branch Manager, World of Automation , Pune
7	04/04/2022	Industrial visit Manisha Engineers Pvt. Ltd TE-24	Computer aided Design of Electrical Machines	Mr. Sachin Inamdar General Manager
8	15/03/2022	SE/TE/BE	Demo on electrical safety	Mr. Mahesh Ghadge Dy. Executive Engineer, 132 KV Ganeshkhind SS, Pune

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ELECTROGRAPH**Industry Associated BE Projects**

Sr. No	Name Of the Company	Student Name
1	Automate Engineering, Pune PLC and HMI Based Clean-in-Phase (CIP) for process industries	Pallavi Khorate Adesh Naikwadi Harshada Pail
2	Automate Engineering, Pune PLC and HMI Based Covid-19 Disinfection Chamber for Industrial Products.	Sonal Chittar Meenakshi More Suraj Khandave Ashutosh Mane

Industry Training Attended

Total 87 No. of Students Attended & completed their "Internship" in Various Industry



Dwarkadish Sakhar
Karkhana Ltd., Sheware



Indospace, Ranjangaon

Electrical Engineering Students' Association (EESA)

Sr. No	Date	Activity Details Topic with class & students' count	Organizer/ Staff Coordinator / Student Coordinator
1	19/04/2022	Alacrity Drama	Mrs. S. N. Powniker
2	16/12/2021	Aurdino Workshop	Mr. P. P. Mahajan



Alacrity Drama 2022



Aurdino Workshop



Vinay
Deshmukh,
Voice—
President,
Oracal India
Private Ltd
Hydrabad,
Visited to Our
Department

MOU's**Other Activities****Department Activities:**

13 Activities Conducted during Activity period by faculty members

Entrepreneurship Activities:

1. Personality development , Soft Skills , Goal Setting Conducted for SE Students.

(Every Wednesday 10.15am to 12.15 pm)

Name of the company : Institute of Holistic Healing India.

T&P Cell:

1. Conducted Debate competition for SE,TE & BE Electrical Class on date 29/03/2022.

2. Conducted Group Discussion Activity for SE,TE & BE Electrical Class on date 29/03/2022.

NSS Activities:

1. Savitribai Phule Jayanti 03/01/2021

2. Constitution Day 26/11/2021

3. World AIDS Awareness Day 01/12/2021

Name of Industry & Resource person	Area of Interaction
Dolphin Labs-Pune Mr. Chittaranjan Mahajan	Skill based training, research and development, training and visits, internship and placement, FDP
J S Mane and Company Mr. Jaishanker Mane	
KDEE Electroera India Pvt Ltd , Chakan Pune. Mr. Mahesh K Datir	
Unique Education Society's Unique Skill Development Centre (USDC), Pune Mr. Vijay Kulkarni & Mr. B. Zarekar	
Opulence Power Pvt Ltd, Pune Mr. Miresh R Sheth	
Ev Sawari Pune Ms. Supriya Shinde	
Orbital Electromech Engineering Projects Pvt Ltd, Pune Mr. Sagar Bavdhankar	

Student Editor — Mr. Adarsh Gurav, S. E. Electrical
Teacher Editor — Mr. S.D. Raste, Asst. Professor Electrical

Publisher — Dr. A. D. Shiralkar, HOD
Department of Electrical Engineering