



AISSMS IOIT

DEPARTMENT OF ELECTRICAL ENGINEERING

ELECTROGRAPH

THE NEWS LETTER OF ELECTRICAL ENGINEERING



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 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 placed in Academic Year 2019-2020 (SEM I)

Sr. No.	Name of Student	Name of Company
1	Suraj Supekar	I-research
2	Swaraj Gawande	I-research
3	Pratik Maskar	I-research
4	Pankaj Shelke	SSB
5	Swaraj Gawande	Birla soft

Activities

• ADE Training Workshop



• ISTE/IE(D) Activity:

Video Lectures, Electro-funda, Brainstorming Activity, Discussion Forum– Super Capacitor

• Renewable Energy Club

Activity :

Energy Conservation Drive.

• T&P: Expert Lecture, GD,

Debate Competition, Technical Interview.

• Industrial Training 54 Student– 45 Company

• EESA:

Inauguration 2019-20, Teachers Day Celebration, Poster Making, Clay Creation, Model Making Group Discussion

Achievement

Staff Achievement

AISSMS Excellence Award

- 2nd Rank– Mr. S. V. Shelar
- 3rd Rank– Mr. S. M. Chaudhari



• Department Achievement

• Research Grants :

4,00,000/- received from Janitza Electronics GMBH, Germany .

• MOU:

Elliot Systems Pvt. Ltd. Area- Energy Monitoring System.

Students Achievement

Arpit Ghate, Gargee Auti -TE Electrical Students Participated in IEEE YESUST12 Project competition, Thailand.

Paper Publication (Journal)

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	Mr. S. V. Shelar	Design and development of HMI based smart power and energy monitor	JASC: Journal of Applied Science and Computations	Volume VI, Issue VI	Jun 2019	ISSN NO: 1076-5131
2	Mrs. A. D. Shiralkar	Arduino Based PWM DC-DC Boost Converter for Traction System	International Journal of Innovative Technology and Exploring Engineering	Volume -8 Issue No.11	Sept 2019	ISSN 2278-3075
3	Mrs. A. D. Shiralkar	Development of DC-DC Boost Converter for railway System	International Journal of Latest Trends in Engineering and Technology	Volume -14 Issue No.1	July 2019	ISSN:2278-621X
4	Mrs. K. S. Gadgil	Implementation Hardware of single phase H-Bridge Inverter with Selective Harmonic Elimination Pulse Width Modulation Technique	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Volume-8 Issue-11	September 2019	ISSN: 2278-3075

Books Publication

Sr. No	Name of the Teacher/Author	Title of the Book	Name of Publication	Year of Publication	ISBN/ISSN No.
1	Mr. S. M. Chaudhari	Switchgear and Protection TY Diploma – I Scheme	Tech Knowledge Publication	June 2019	978-93-89299-30-4
2	Mr. S. M. Chaudhari	Industrial Automation TY Diploma – I Scheme	Tech Knowledge Publication	June 2019	978-93-89299-56-4
3	Dr. S. M. Bakre	The Handbook of Hydroelectric Power	IST Publishing House, Pune. Amazon Publishing USA Volume-1, 73 Pages	October 2019	B079W5QKT5

Resource Person

Sr. No	Staff Name	Date & Place	Details
1	Mrs.A.D.Shiralkar	21/09/019 Symbiosis Institute of Computer Studies and Research, Pune	Judge Trident 4.0 IEEE Hackathon
2	Sachin Shelar	27/07/2019 Someshwar College of Engineering, Someshwar	Delivered one day workshop on NAAC Orientation
3	Mr. S. M. Chaudhari	04/10/2019 JSPM's Rajarshi Shahu College of Engineering, Pune	Expert Lecture on Electrical Measurements and Instrumentation
4	Mr. S. M. Chaudhari	18/19/19 & 19/10/19 Shreeyash COE, Aurangabad	Expert lecture on Recent Trends in Induction Motor
5	Saba Shaikh	27/07/2019 Someshwar College of Engineering, Someshwar	Delivered one day workshop on NAAC Orientation

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

Teaching Staff who attended Workshops/ Seminars.

Sr. No.	Name of Staff	Event	Organized by	Date of Event
1	Dr. S.M. Bakre	FDP on Effective Communication	GH Rasoni Institute of Engg & Technology, Pune	29/06/2019
2	Dr. S.M. Bakre	Workshop on Python Programming	GH Rasoni Institute of Engg & Technology, Pune	22/06/2019
3	Mrs. A. D. Shiralkar	NPTEL Course	IIT Roorkee	29/07/2019 to 29/09/019
4	Mr. S. V. Shelar	Round Table meet on "Importance of Codes and Standards in Electrical design"	CEEAMA	27/09/2019
5	Mr. S. M. Chaudhari	Round Table meet on "Importance of Codes and Standards in Electrical design"	CEEAMA	27/09/2019
6	Mr. S. M. Chaudhari	STTP through ICT mode on Effective Teaching	NITTTR, Kolkata	15/07/2019 to 19/07/2019
7	Mr. S. M. Chaudhari	NPTEL online Course on Fundamentals of Electrical Engineering	IIT Kharagpur	01/07/2019 to 21/10/2019
8	Mrs. K. S. Gadgil	NPTEL online Course on Power System Analysis	IIT Kharagpur	01/07/2019 to 21/10/2019
9	Mr. S. S. Shingare	NPTEL online Course on Fundamentals of Electrical Engineering	IIT Kharagpur	01/07/2019 to 21/10/2019
10	Mr. S. S. Shingare	Revised Curriculum of Basic Electrical Engineering	AISSMS COE under the aegis of BOS- Electrical Engg. SPPU	07/08/2019 to 08/08/2019
11	Mrs. S. S. Landge	NPTEL FDP on Introduction to Smart grid	IIT Roorkee	01/07/2019 to 21/09/2019
12	Mrs. S. S. Landge	Eaton's training programme	Eaton Pvt. Ltd	02/08/2019
13	Mr. V. S. Kamble	NPTEL online Course on Power System Analysis	IIT Kharagpur	01/07/2019 to 21/10/2019
14	Mrs. S. M. Shaikh	Round Table meet on "Importance of Codes and Standards in Electrical design"	CEEAMA	27/09/2019
15	Mrs. V. A. Yawale	Training Programme	Eaton Pvt. Ltd	02/08/2019
16	Mrs. V. A. Yawale	NPTEL online Course on Fundamentals of Electrical Engineering	IIT Kharagpur	01/07/2019 to 21/10/2019
17	Mr. P. P. Mahajan	NPTEL online Course on Fundamentals of Electrical Engineering	IIT Kharagpur	01/07/2019 to 21/10/2019
18	Mr. P. P. Mahajan	STTP through ICT mode on Effective Teaching	NITTTR, Kolkata	15/07/2019 to 19/07/2019
19	Mrs. N. M. Rao	NPTEL online Course on Fundamentals of Electrical Engineering	IIT Kharagpur	01/07/2019 to 21/10/2019
20	Mrs. S. N. Powniker	ICT based STTP Introduction to Network Security	NITTTR, Kolkata	24/06/2019 to 28/06/2019
21	Mrs. S. N. Powniker	ICT based STTP on Effective Teaching	NITTTR, Kolkata	15/07/2019 to 19/07/2019
22	Mr. S. D. Raste	NPTEL online Course on Fundamentals of Electrical Engineering	IIT Kharagpur	01/07/2019 to 21/10/2019
23	Mr. S. D. Raste	Revised Curriculum of Basic Electrical Engineering	AISSMS COE under the aegis of BOS- Electrical Engg. SPPU	7/08/2019 to 08/08/2019
24	Mr. S. D. Raste	STTP through ICT mode on Effective Teaching	NITTTR, Kolkata	15/07/2019 to 19/07/2019
25	Mr. S. D. Raste	Learning Management System GINOMIO (Moodle)	AISSMS IOIT	14/10/2019

4

ELECTROGRAPH

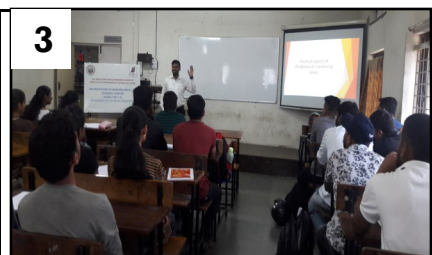
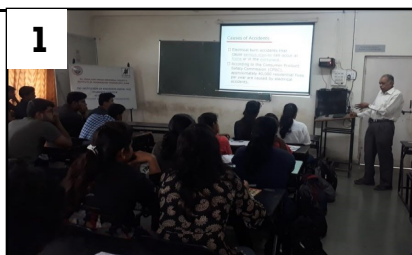
Faculty Knowledge Forum

Sr. No.	Name of Staff	Date	Details of activities performed
1	Mr. S .D. Raste	28/06/2019	Air handling unit and control system case study.
2	Mr.S.V Shelar, Mr. Hari Bala (Janitza Electronics GMBH Germany)	23/08/2019	Power Quality Monitoring and product details
3	Mrs. A D Shiralkar, Mr.S.V Shelar, Mr.V S Kamble, Chaitanya Karajgikar(VCA Solutions).	19/07/2019	Fundamental concepts and project discussion
4	Mr. S V Shelar, Pavanssi V (Sinetamer India Pvt Ltd.)	29/07/2019	Surge Protection devices for industries.
5	Mrs. A.D. Shiralkar, Rohini Doiphode	12/08/2019	Converter design- ME project demonstration
6	Mrs. A.D. Shiralkar, Nilambari Devarkar	20/09/2019	Auto traction system-ME project demonstration
7	Mrs. K S Gadgil, Aarti Anandkar	03/10/2019	Selective harmonic cancellation – ME project demonstration



Expert Lectures

Sr. No.	Date	Activity Details/ Topic	Speaker/ Judge	Organizer/ Staff Coordinator/ Student Coordinator
1	23/07/2019	Strategic planning for the future technologies & industry expectations from fresh engineers	Mr. Sachin Chitapure Director, ACE OPERATIONS	Mrs V. A. Yawale
2	25/09/ 2019	Electrical Safety and legal provisions in Electricity Act	Mr.Ashok Borgaonkar Freelance Certified Energy Auditor, Power Consultant	Mrs. S. M. Shaikh
3	03 /10/2019	Practical aspects of residential and commercial wiring	Mr. Ankit Javeri Project Manager New York Engineers	Mrs. S. M. Shaikh
4	29/07/2019	“Effects of Transients in the Electronic Age & Solutions”	Pavanssi V. Business Head SineTamer India	Mr. S. V. Shelar
5	23/08/2019	“Recent Trends (Hardware &Software) in Energy & Power Quality Monitoring”	Mr. Hari Bala, Business Development Director Janitza electronics GmbH (Germany) UAE	Mr. S. V. Shelar
6	26/10/2019	Akshay Urja Diwas	Mr.Rahul Nalwade	Mrs. A. D. Shiralkar Mrs. K. S. Gadgil
7	10/07/2019	Project Guidance	Dr. M. S. Kulkarni	Mrs. K. S. Gadgil
8	04/10/2019	Intellectual Property rights	Dr. Dipti Lele	Mrs. N. M. Rao
9	31/07/2019	Disruptive Innovations and sustainable development	Mr. Bhagawan Bhosale. DGM	Mrs. S. S. Landge



2019-7-23 13:18

Industry Institute Interaction

Industrial Visits

Sr. No	Date of Visit	Class	Company	No of Students Visited	Organized by/ Attended by
1	19/07/2019	TE	MAHATRANSCO 220kV Parvati Substation	50	Mrs.S.M.Shaikh, Mr. P. P. Mahajan, Mrs. N. M. Rao Mrs.S.S.Landge Mrs.S.S.Ingle Mrs.V.P.Kuralkar
2	01/10/2019	BE	MSETCL 400kV Substation, Lonikand, Pune	50	Mr. Kamble V.S. Mrs. Shiralkar A. D. Mrs. Gadgil K. S. Mrs. Kuralkar V. P. Dr. Bakare S. M.
3	19/09/2019	SE	50.33MW Solar Power Plant Shirsuphal, Bara- mati	55	Mr. S. D. Raste Dr. S. M. Bakre
4	12/07/2019	SE	Madhav Capacitors	40	Mrs. S. N. Powniker Mr. S. M. Chaudhari Mrs.K.S. Gadgil Mrs.S.S.Landge Mr. P. P. Mahajan Mrs. N. M. Rao Mr. S. D. Raste



220KV Parvati Substation



400KV Substation, Lonikand, Pune



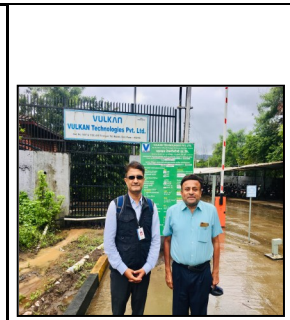
Solar Power Plant Shirsuphal



Madhav Capacitor Bhosari

Power Quality Cell

Consultancy For	Industry
KRS Recycling Technologies	PQ Audit (Reactive Power) at KRS Recycling, Bhor.
Sapeksh Technologies Pvt Ltd	Consultancy for Energy Monitoring Systems.
P B Parulekar	PQ Audit (Reactive Power) at Sahyadri School, Rajgurunagar
Pai Brothers Engineers Pvt. Ltd.	PQ Audit (Transient) at Pai Brothers, Bhosari.
Smart Energy Solutions	PQ Audit (Reactive Power) at Vulcan Technologies, Pirangut.
Elliot Systems Pvt Ltd	Consultancy for Energy Monitoring Systems
SAS Power tech Pvt Ltd	PQ Audit at Symbiosis Institutes in Pune.

KRS Recycling,
Bhor.Sahyadri School,
RajgurunagarPai Brothers,
Bhosari.Vulcan Technologies,
Pirangut.

Professional Cell Activities

IEEE Student Branch Activities

Sr. No	Date	Activity Details Topic	Resource person/ Judge
1	28/05/2019	Project Exhibition at BHAU Institute	Mr.Ram Chaudhary, Mr.Surkant Kulkarni, Agriculture College, Pune Dr.Talole, COEP, Pune.
2	04/06/2019	Project Competition	Mr.Jagdeesh Chaudhari
3	18/06/2019	SIG Project Judging Session	Mrs. Sanjeevani Joglekar
4	24/07/2019	Student Branch Counselors, Chairs, Co-chairs Meet-I	Mr.Amer Buchade, IEEE Pune Section, Pune.
5	30/08/2019	Inauguration of IEEE HAC Lab for Affordable Agriculture	Mr. Dina Kholkar, TCS, Pune
6	30/08/2019	Expert Lecture on Global Aspiration of Young India	Mr. Dina Kholkar, TCS,Pune
7	20/09/2019 to 21/09/2019	TRIDENT4.0 A joint branch initiative of R10	Mr. Kholkar, TCS, Pune, Mrs. A.D.Shiralkar, AISSMSIOIT, Pune, Mrs. Simran Khiani, JHRSCOE, Pune, Rajashree Jain, Simbiosis, Pune.
8	04/10/2019	Final SIG projects exhibition at BHAU institute	Mr.Shinde, Nasik, Mr.Ram Chaudhary, Mr.Surkant Kulkarni, Agriculture College, Pune Dr.Talole, COEP,Pune.



ISTE/IE(I) Student's Branch

Sr. No.	Date	Activity Details/ Topic	Resource person/ Judge
1	19/08/2019	A discussion forum on SCOPE OF ILLUMINATION ENGINEERING	Dr. Prakash Barjatiya (Governing body member ISLE) Mr. Virendra Borade (CEO, Ligftkraft) Mr. Sudhir Patil (CEO, Leap Infosys) Mr. Prafulla Wadaskar (CEO, Vadaetro)
2	25/06/2019	SUPPLY AND DEMANT CONCEPT	Mrs. V. P. Kuralkar
3	27/06/2019	Video lecture on microeconomics and Demand curve	Mrs. V. P. Kuralkar
4	17/07/2019 & 27/08/2019	Electrical Installation, Maintenance & Testing (EIMT)-Video Lectures	Mrs. S. M. Shaikh
5	22/07/2019	Electrical Installation, Maintenance & Testing (EIMT)- Brainstorming Activity	Mrs. S. M. Shaikh
6	17/07/2019	Self learning activity on MOSFET	Mrs. S. S. Landge
7	24/07/2019	Self learning activity on IGBT construction and working.	Mrs. S. S. Landge
8	17/10/2019	Video Lecture	Mrs. S. S. Landge
9	28/08/2019	Electro-funda	Dr. S. M. Bakre, Prof. P. P. Mahajan, Prof. S. D. Raste
10	07/10/2019	Discussion on Super capacitors and chargers	Mr. Ramasundaram, Vice President Mr. Siddhartha Mane, Research Engineer Optixtal India Energy Solutions





AISSMS IOIT

DEPARTMENT OF ELECTRICAL ENGINEERING

ELECTROGRAPH

THE NEWS LETTER OF ELECTRICAL ENGINEERING



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 placed in Academic Year 2019-2020 (SEM-II)

Sr. No.	Name of the Students	Name of Company
1	Suraj Supekar	I-research
2	Swaraj Gawande	I-research
3	Pratik Maskar	I-research
4	Swaraj Gawande	Birla soft
5	Neha Hukumchand Mahajan	Infosys
6	Pratik Maskar	Square Yards
7	Ajinkya Patil	Square Yards
8	Chaitanya Paradkar	Square Yards
9	Aditya Narkhede	Concentrix
10	Apurva Wankhede	Concentrix
11	Nihal Mansuri	Concentrix
12	Nikhil Bhadake	Concentrix
13	Krushna Ghene	Concentrix
14	Pratik Maskar	Concentrix
15	MrudulaLonkar	Concentrix
16	Pratik P. Maskar	Mphasis Ltd.
17	Ishwari Deshmukh	Quality Kiosk Technologies
18	Nehal Mansuri	Quality Kiosk Technologies
19	Krushna Ghene	Quality Kiosk Technologies
20	Anand Jadhav	Quality Kiosk Technologies
21	Wankhede Apurva	Amazon
22	LonkarMrudula	Amazon
23	Suraj Supekar	Screen magic
24	MugdhaShembade	Screen magic
25	Swaraj Gawande	Amazon
26	Anand Jadhav	Toppers
27	Suraj Supekar	Amazon
28	Ishwari Deshmukh	Amazon
29	Keshav Mulkule	FANUC INDIA
30	Akash Dalvi	Concentrix
31	MrudulaLonkar	Neilsoft
32	Suraj Ramesh Supekar	Neilsoft
33	Parbat Sammrudhhi	Concentrix
34	Shubham Sawant	Concentrix
35	Akash Suryawanshi.	Balaji Engg. Enterprises
36	Anjali Phasale	Concentrix
37	Aditi Chimanpure	Concentrix
38	Chaitanya Paradkar	Concentrix
39	Pagare Sudesh	Concentrix
40	Prajakta Pandkar	Concentrix
41	VishavambharUrmode	Concentrix
42	Neha Mahajan	Concentrix

Department Achievements

Two days national level workshop on "Modern Trends in Lighting and Illumination Control". Sponsored by SPPU, Pune. on 06-07/02/2020

Mr. S.V. Shelar- Ref. Received PQ Analyser (worth 2 lakh) from Janitza GMBH Germany.



Dept of Electrical Engg 4 Students get Best Paper award for Paper PLC based welding Xmer in 2nd IEEE International Conference (ESCI 2020) .

Paper Publication (Journal)

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	Prof. Dr. S.M. Bakre	Load frequency control under ABT using client server communication- a case study	International journal of scientific & technology research	Vol- 8, Issue-10 Page2642-2648	October 2019	2277-8616
2	Prof. Dr. S.M. Bakre	Designing and simulation using software PV System	International journal of innovative technology & exploring engineering	Vol-9 Issue 6 Pages 899-903	April 2020	2278-3075
3	Prof. Dr. S.M. Bakre	Rooftop solar and wind power based hybrid energy storage system	International journal of innovative technology & exploring engineering	Vol-9 Issue 5 Pages912-919	March 2020	2278-3075
4	Prof. Dr. S.M. Bakre	Modeling and Simulation using MATLAB to mitigate technical challenges and scalability of clustered agricultural feeder.	International journal of innovative technology & exploring engineering	Vol-9 Issue 4 Pages 72-76	Feb 2020	2278-3035
5	Prof. Dr. S.M. Bakre	Harmonic Monitoring and Design of Passive Filter for an Educational Institute	International Engineering Research Journal	Special Issue AISSMS 21-23	March 2020	2395-1621
6	Mrs. A. D. Shiralakar	Micro controller based Power Factor Correction using Synchronous Motor	International Engineering Research Journal	Special Issue 35-37	March 2020	2395-1621
7	Mrs. A. D. Shiralkar	PLC Based Welding Transformer	International Engineering Research Journal	Special Issue 134-136	March 2020	2395-1621
8	Mrs. A. D. Shiralkar	Rooftop solar and wind power based hybrid energy storage system	International journal of innovative technology & exploring engineering	Vol9 Issue 5 Pages 912-919	March 2020	2278-3075
9	Mrs. A. D. Shiralkar	Modeling and Simulation using MATLAB to Mitigate Technical Challenges & Also for Scalability of Pilot Project of Clustered Solar Agricultural Feeder	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Vol-9 Issue-4 Pages 72-76	Feb 2020	2278-3075
10	Mrs. A. D. Shiralkar	Designing and Simulation using Software's PV SYST & HELIOSCOPE for Mitigating Challenges of Grid Connected PV Based Solar Plant	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Volume-9 Issue-6 Pages912-919	April 2020	2278-3075
11	Mr. S. V. Shelar	Designing and Simulation using Software's PV SYST & HELIOSCOPE for Mitigating Challenges of Grid Connected PV Based Solar Plant	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Vol-9 Issue-6 Pages912-919	April 2020	2278-3075
12	Mr. S. V. Shelar	Modeling and Simulation using MATLAB to Mitigate Technical Challenges & Also for Scalability of Pilot Project of Clustered Solar Agricultural Feeder	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Vol-9 Issue-4 Pages 72-76	Feb 2020	ISSN: 2278-3075
13	Mr. S. V. Shelar	Harmonic Monitoring and Design of Passive Filter for an Educational Institute	International Engineering Research Journal	Special Issue 21-23	March 2020	2395-1621
14	Mr. S.S. Shinagre	Solar Based Advanced Agri-Robot	International Engineering Research Journal	Special Issue 46-48	March 2020	2395-1621
15	Mr. V. Kamble	IOT Based Circuit Breaker Monitoring And Control	International Engineering Research Journal	Special Issue 5-7	March 2020	2395-1621
16	Mrs. S. M. Shaikh	<i>Case Study of Outcomes of Innovative Teaching methods adopted in Engineering Education in India</i>	IEEE Xplore (In process)		April 2020	
17	Mrs. S. N. Powniker	Flexible Power Electronics Transformer	International Engineering Research Journal	Special Issue 13-15	March 2020	2395-1621

Expert Lectures

Sr. No.	Date	Activity Details/ Topic	Speaker/ Judge	Organizer/ Staff Coordinator/ Student Coordinator
1	27/01/2020	Electrical Safety	<u>Mr Mahesh Ghadge</u> Deputy Ex. Engineer - 132kVGaneshkhind Substation	Mrs.S.M Shaikh Dr. S.M Bakre

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.*

Books Publication

Sr. No	Name of the Teacher/Author	Title of the Book	Name of Publication	Year of Publication	ISBN/ISSN No.
1	Prof. Dr. S.M. Bakre	The Handbook of Hydroelectric Power	IST Publishing House, Pune & Amazon KDP Publishing, USA	11/10/2019	ASIN: B079W5QKT5
2	Prof. Dr. S.M. Bakre	Electrical smart grid in easy steps	IST Publishing House, Pune & Amazon KDP Publishing, USA	13/10/2020	ASIN: B07SZRPFLG
3	Prof. Dr. S.M. Bakre	Python programming in easy steps	IST Publishing House, Pune & Amazon KDP Publishing, USA	10/04/2020	ASIN: B086YY3YWP
4	Prof. Dr. S.M. Bakre	Smart grid	Nirali Prakashan, Pune	15/11/2020	ISBN-N4271
5	Mr.S.M. Chaudhari	Electric Power Transmission & Distribution	Tech knowledge Publication , Pune	Jan 2019	978-93-89684-13-1
6	Mr.S.M. Chaudhari	Maintenance of Electrical Equipment	Tech knowledge Publication , Pune	Nov 2019	978-93-89684-68-1
7	Mr.S.M. Chaudhari	Electrical Estimating And Costing	Tech knowledge Publication , Pune	Dec 2019	978-93-89684-66-7
8	Mr.S.M. Chaudhari	Utilization of Electrical Energy	Nirali Prakashan	Nov 2019	978-93-89684-67-4
9	Mr.S.M.C haudhari	Industrial Drives and Control	Nirali Prakashan	Jan 2020	978-93-89825-69-2
10	Mr.S.M. Chaudhari	Power System –II	Tech knowledge Publication , Pune	Jan 2020	978-93-89533-19-4
11	Mr.S.M. Chaudhari	Utilization of Electrical Energy	Tech knowledge Publication , Pune	Feb 2020	978-93-89825-94-7
12	Mr.S.M. Chaudhari	Electrical Substation Practices	Nirali Prakashan	March 2020	978-93-89944-50-1

Resource Person

Sr. No	Staff Name	Date & Place	Details
1	Prof.Dr. S. M. Bakre Mr.S.V. Shelar	13/01/2020, Bosiar	Session to industry person on “KVAH Billing”
2		24/01/2020, SUPA MIDC	Session to industry person on “KVAH Billing”
3		13/02/2020, Palghar	Session to industry person on “KVAH Billing”
4		14/02/2020, Talasari	Session to industry person on “KVAH Billing”
5		17/02/2020, Kalyan (Dombivali)	Session to industry person on “KVAH Billing”
6		17/02/2020, Kalyan (Ulhasnagar, Ambarnath)	Session to industry person on “KVAH Billing”
7		18/02/2020, Kalyan (Badlapur)	Session to industry person on “KVAH Billing”
8		18/02/2020, Kalyan (Shahpur)	Session to industry person on “KVAH Billing”
9		19/02/2020, Kalyan (Murbad)	Session to industry person on “KVAH Billing”
10		19/02/2020, Kalyan	Session to industry person on “KVAH Billing”
11		20/02/2020, Wada	Session to industry person on “KVAH Billing”
12		27/02/2020, Solapur	Session to industry person on “KVAH Billing”
13	Mr.S.M.Chaudhari	10/01/2019 Venue-RH Sapat COEMSR, NASHIK	Expert Lecture delivered for Final year students-Tips for making a Good Presentation
14	Mr.S.M.Chaudhari	07/02/2020 National Level W/s-AISSMS IOIT,Pune	Delivered expert talk on-Illumination Scheme Design Session on Lite Software for design of Illumination Scheme
15	Mr.S.M.Chaudhari	16/02/2019(Sunday) Project Exhibition DIPEX -2020 .GCOE, Pune	Preliminary Scrutiny of projects (About 123 projects) Theme-Betterment of Rural Life
16	Mr.S.M.Chaudhari	08/03/2020and 09/03/2020 DIPEX -2020 Sangameshwar College, Solapur	16+ 22 Project scrutiny in two days. Interaction with authorities of Srijan Organisation and Dipex
17	Mr. S.D. Raste	28/01/2020 Pune	National Test Agency is appoint as a CBT Observer for Conduct of Examination(s) CMAT / GPAT Admission Test Jan-2020

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

Teaching Staff who attended Workshops/ Seminars.

Sr. No.	Name of Staff	Event	Organized by	Date of Event
1	Dr. S. M Bakre	Two days national level workshop on "Modern Trends in Lighting and Illumination Control".	Department of Electrical Engineering., AISSMS IOIT	06 /02/ 2020 TO 07/02/2020
2	Mrs. A. D. Shiralkar	Two days national level workshop on "Modern Trends in Lighting and Illumination Control".	Department of Electrical Engineering., AISSMS IOIT	06 /02/ 2020 TO 07/02/2020
3	Mr. S.V. Shelar	Two days national level workshop on "Modern Trends in Lighting and Illumination Control".	Department of Electrical Engineering., AISSMS IOIT	06 /02/ 2020 TO 07/02/2020
4	Mr. S.V. Shelar	One day conference CEEAMATECH2020 Relevance of Industry 4.0 for Electrical Engineers	CEEAMA	08/02/2020 Hotel Sahar Mumbai
5	Mr. S. M. Chaudhari	Two days national level workshop on "Modern Trends in Lighting and Illumination Control".	Department of Electrical Engineering., AISSMS IOIT	06 /02/ 2020 TO 07/02/2020
6	Mrs. K. S. Gadgil	Two days national level workshop on "Modern Trends in Lighting and Illumination Control".	Department of Electrical Engineering., AISSMS IOIT	06 /02/ 2020 TO 07/02/2020
7	Mr. S. S. Shingare	Two days national level workshop on "Modern Trends in Lighting and Illumination Control".	Department of Electrical Engineering., AISSMS IOIT	06 /02/ 2020 TO 07/02/2020
8	Mrs. S. S. Landge	Two days national level workshop on "Modern Trends in Lighting and Illumination Control".	Department of Electrical Engineering., AISSMS IOIT	06 /02/ 2020 TO 07/02/2020
9	Mr. V. S. Kamble	Two days national level workshop on "Modern Trends in Lighting and Illumination Control".	Department of Electrical Engineering., AISSMS IOIT	06 /02/ 2020 TO 07/02/2020
10	Mrs.S. M. Shaikh	Two days national level workshop on "Modern Trends in Lighting and Illumination Control".	Department of Electrical Engineering., AISSMS IOIT	06 /02/ 2020 TO 07/02/2020
11	Mrs.S. M. Shaikh	2020International Conference on Innovations in Engineering Education - 2020 (ASET).	Higher College of Technology (HCT)-Dubai	09/04/2020
12	Mrs. V. P. Kuralkar	Two days national level workshop on "Modern Trends in Lighting and Illumination Control"	Department of Electrical Engineering., AISSMS IOIT	06 /02/ 2020 TO 07/02/2020
13	Mr. P. P. Mahajan	Two days national level workshop on "Modern Trends in Lighting and Illumination Control".	Department of Electrical Engineering., AISSMS IOIT	06 /02/ 2020 TO 07/02/2020
14	Mrs. N. M. Rao	R programming workshop	Teaching & learning Center,ICT,IITBombay,MHRD,India	09/11/2019
15	Mrs. N. M. Rao	Arduino Workshop	Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), IIT , Bombay	08/02/2020
16	Mrs. N. M. Rao	Two days national level workshop on "Modern Trends in Lighting and Illumination Control".	Department of Electrical Engineering., AISSMS IOIT	06 /02/ 2020 TO 07/02/2020
17	Mrs. S. N. Powniker	Two days national level workshop on "Modern Trends in Lighting and Illumination Control".	Department of Electrical Engineering., AISSMS IOIT	06 /02/ 2020 TO 07/02/2020
18	Mrs. S. N. Powniker	R programming workshop	Teaching & learning Center,I CT, IIT Bombay, MHRD,India	09/11/2019
19	Mrs. S. N. Powniker	Arduino workshop	Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), IIT , Bombay...	08/02/2020
20	Mrs. S. N. Powniker	Technical Paper writing : Plagarismissues,H index	AISSMSIOIT,SPPU	25/02/2020 TO 26/02/2020
21	Mrs. S. N. Powniker	Bharatiya Yuva Shakti Trust(BYST) Mentorship Training	AISSMS IOIT,BYST	27/12/2019 TO 28/12/2019
22	Mr. S.D. Raste	Two days national level workshop on "Modern Trends in Lighting and Illumination Control".	Department of Electrical Engineering., AISSMS IOIT	06 /02/ 2020 TO 07/02/2020
23	Mr. S.D. Raste	R programming workshop	Teaching & learning Center,ICT,IITBombay,MHRD,India	09/11/2019

Non-teaching Staff who attended Workshops/ Seminars.

Sr. No.	Name of Staff	Event	Organized by	Date of Event
1	Mr. Rakesh Raut	Two days national level workshop on "Modern Trends in Lighting and Illumination Control".	Department of Electrical Engineering., AISSMS IOIT	06 /02/ 2020 TO 07/02/2020
2	Mrs. S. S. Ingle			
3	Mr. Udhav Waikar			
4	Mr. Santosh Pawar			

Industry Institute Interaction

Industrial Visits

Sr. No	Date of Visit	Classes	Company	No of Students Visited	Organized by/ Attended by
1	17/01/2020	SE/TE	Electrical machines /DEM industrial visit to Manisha Engineers Pvt . Ltd , Pune	SE-45 TE-60	Mrs . V A Yawale Dr. S. M. Bakre Mrs K. S. Gadgil Mr. S. M. Chaudhari Mr. V. S. Kamble Mrs.S. S. Landge Mr. P. P. Mahajan Mrs. N. M. Rao
2	04/02/2020	BE	Ramelex Testing And Research Institute	41	Mrs.S. M. Shaikh Mrs. V. A. Yawale Mr. S. V. Shelar Dr. S. M. Bakre
3	06/03/2020	SE	132 KV Ganeshkhind Substation, Shivajinagar , Pune	60	Mrs.S. S. Landge Mrs. K S Gadgil Mr. S M Chaudhari Mr. P P Mahajan Mrs. N M Rao Mrs.S. N. Powaniker



Manisha Engineers Pvt . Ltd , Pune



Ganeshkhind Substation, Shivajinagar , Pune

Power Quality Cell

Consultancy For

MSETCL, 512 ABW RS, Khadaki
MSEDCL Prakashbhavan
LIC Shivajinagar
Bridge Ice Tarapur
KSWG MIDCSupe
Mahek Houseware, Palghar
MSEDCL, 33/11 kV Dapachari
Chandra Mall, Dahanu
Krato world Public school, Dahanu
Guarding industries, Wada
MIDC, Bhosari



