



A I S S M S I O I T



A I S S M S

INSTITUTE OF INFORMATION TECHNOLOGY

ADDING VALUE TO ENGINEERING

Approved by AICTE New Delhi, Recognized by the Government of Maharashtra and Affiliated to Savitribai Phule Pune University. Accredited by NAAC with A grade



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 then analyse/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 analyse 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 modelling 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. 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]

PO9. Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings. [Individual and 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 2018-19

S N	Name of Student	Name of company
1	Akash Salunkhe	TATA Consulting Engineering Ltd.
2	Ghana Thakur	TATA Consulting Engineering Ltd.
3	Khomane Sagar	Prepka Eduserv Pvt. Ltd
4	Akshay Walke	Indian Navy
5	Akshay Walke	Amazon Development Centre (India) Pvt. Ltd.
6	Krisna Dhonddev	Amazon Development Centre (India) Pvt. Ltd.
7	Kshitija Patil	Amazon Development Centre (India) Pvt. Ltd.
8	Sayali Ghodke	Amazon Development Centre (India) Pvt. Ltd.
9	Ankush Deore	Amazon Development Centre (India) Pvt. Ltd.
10	Vishaldada Pamane	Prepka Eduserv Pvt. Ltd
11	Sayali Paraye	Amazon Development Centre (India) Pvt. Ltd.
12	Rahul Patil	TATA STRIVE, Pune
13	Sachin Bhanvas	TATA STRIVE, Pune
14	Kiran Rathod	TATA STRIVE, Pune
15	Ruturaj Bokil	Talentedge Education venture Pvt. Ltd, Pune
16	Durgesh Nikam	District Court, Pune

Activities

- Soft Skill Training,
- PLC-SCADA Hands on Training Workshop,
- IE(I)activity: Electro-funda Competition,
- Consultancy under Power Quality & Energy Cell
- Renewable Energy Club Activity :Energy Conservation Drive
- T&P:GD,Debate Competition
- EESA: Extracurricular Activities



Toppers

Shivani Shinde (SE) 9.0 CGPA
 Bhagyashree Patil (TE) 9.65CGPA
 Aditi Chimanpure (TE) 9.65 CGPA
 Anjali Phasale (TE) 9.65 CGPA
 Omkar Zanje (BE) 9.5 CGPA



Accolades

- Arpit Ghate(SE) Secured 1st Prize at COEP MakeAthon ,Mindspark Event .
- Rahul Patil (BE): Secured 1st prize at India International Science Festival, Model making Competition.

Paper Publication (Journal)

Sr. No.	Name of the Teacher/ Author	Title of the Paper	Name of the Journal/ Proceeding/ Edited Books	Volume & Pages	Year of Publication	ISBN/ISSN No.
1	Mr.Sachin Shelar	Design and Development of Active-Power Factor Correction based Zeta-Converter for power quality enhancement in Brushless DC motor drive.	Journal of Emerging Technologies and Innovative Research	Volume 5 Issue 9	Sept 2018	ISSN: 2349-5162
2	Mrs. A.D. Shiralkar	Robust output Feedback control of electro-hydraulic System.	International Journal of Dynamics & Control -Springer	1-13	Jun 2018	ISBN: 2195-2698
3	Mrs. K.S.Gadgil	Implementation Of 15 Level 10 Switch Dc Source Switched Inverter-And Comparison Of Its Parameter-With 15 Level 16 Switch H-Bridge Inverter By Simulation.	Journal of Emerging Technologies and InnovativeResearch (JETIR)	5-9	Sept 2018	ISSN: 2349-5162

Books Publication

Sr. No	Name of the Author	Title of the Book	Name of the Publishers	Date of Publication	ISBN/ISSN NO.
1	Mr. S. M. Chaudhari	Measurement and Instrumentation	TECHMAX Publication	Sept 2018	ISBN 978-93-88314-18-3
2	Mr. S. M. Chaudhari	Electronics Measurements and Instrumentation	TECHMAX Publication	July2018	ISBN 978-93-87656-60-4

Resource Person

Sr. No	Faculty Name	Date & Place	Details
1	Mr. S. M. Chaudhari	04/10/2018 JSPM's Rajarshi Shahu College of Engineering , Tathawade , Pune	Invited to deliver an lecture and conduct mock practical on Electrical Measurements and Instrumentation
2	Sachin Shelar	03/10/2018 Trinity College of Engineering and Research, Pune	Delivered expert lecture on "Recent trends in Power Quality" to final year studetns of Trinity College of Engineering and Research, Pune.
3	Sachin Shelar	27 /11/ 2018 D Y Patil Institute of Technology, Pune	Resource person at D Y Patil Institute of Technology ,Seminar on "Art of Reading Revised Electricity Bill"
4	Mrs . K. S. Gadgil	23-24/11/2018 Sinhagad Institute of Technology , Lonavala	Reviewer for 2 nd IEEE Global Conference on Wireless computing and networking. Track- Advanced Smart Grid and Power System.
5	Mr.Prashant Mahajan	31/07/2018 D Y Patil Institute of Engineering and Technology, Pune	Invited to deliver an lecture on Advance Microcontroller and it's Applications
6	Mrs.Sujata Powniker	12/09/2018 AISSMS COE, Pune	Invited as a Judge for Paper presentation competition for the ET Event.

The greatest threat to our planet is the belief that someone else will save it– Robert Swann

The nation that leads in renewable energy will be nation that leads the world-James Cameron

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.

Teaching Staff who attended Workshops/ Seminars.

SN	Name of Staff	Event	Organized by	Date /Duration
1	Mrs.A.D.Shiralkar	IEEE Student Branch Meeting regarding Roadmap 18-19	TCS, under IEEE Pune Section	17 Jul 2018
2	Mrs . K. S. Gadgil	FDP on Counselling and Mentoring Skills	FDC SPPU	20 Aug- 26 2018
3	Mrs . K. S. Gadgil	STTP on “Outcome Based Pedagogic Principles for Effective Teaching”	NPTEL Online Certification-IIT Kharagpur	4 Weeks Aug- Oct 2018
4	Mr. S.S. Shingare	One week workshop on Advanced PLC Programming (Allen Bradley)	Government ITI Aundh, Pune	03- 07 Sept 2018
5	Mrs.S. M .Shaikh	FDP on “Microteaching”	FDC SPPU	07 days, 27Aug to 2 Sept. 2018
6	Mrs.S. M. Shaikh	STTP on “Introduction to Smart Grid”	NPTEL Online Certification-IIT Roorkee	8 weeks, Aug-Sept 2018
7	Mr. P P Mahajan	FDP on “Train the Trainer”	FDC SPPU	3-9 Sep 2018
8	Mrs. V. A. Yawale	STTP on “Outcome Based Pedagogic Principles for Effective Teaching”	NPTEL Online Certification-IIT Kharagpur	4 Weeks Aug- Oct 2018
9	Mrs. N M Rao	FDP on “Soft Skills for Teachers”	FDC SPPU	04 - 10 Sept 2018
10	Mrs. S N Powniker	STTP on Pedagogy for Online and Blended Teaching Learning Process	IIT Bombay NMEICT TK10	5 Weeks 13 Sept-18 Oct 2018
11	Mrs. S N Powniker	FDP on “Micro Electro mechanical Systems”	ISTE ,CMET,E & TC Dept	1 Week 25-30 June 2018

Non Teaching staff who attended Workshops.

Sr. No.	Name of Staff	Event	Organized by	Date and Event
1	Mrs.S. S. Ingle	ETAP Workshop	ETAP Automation,Pune	13-14 /06/ 2018
2		IOT based Affordable Agriculture and student transition and elevation Partnership Program	IEEE , Pune Section	27-29/09/2018
3		One day Student Solar Ambassadors Workshop	EED and IEEE Student Branch	2/10/2018
4	Mr. Rakesh Raut	One day Student Solar Ambassadors Workshop	EED and IEEE Student Branch	2/10/2018
5	Mr. Santosh Pawar	One day Student Solar Ambassadors Workshop	EED and IEEE Student Branch	2/10/2018
6	Mr. U. B. Waikar	One day Student Solar Ambassadors Workshop	EED and IEEE Student Branch	2/10/2018

Faculty Knowledge Forum

SN	Name of Staff	Date	Details of activities performed
1	Mrs.Saba Shaikh	03/08/2018	L & T Training activity details
2	Mr. S. M .Chaudhari	10/08/2018	Application of software tools for better understanding of the Technical concepts.
3	Mrs .A. D .Shiralkar	24/08/2018	Khodad visit, IEEE visit and project discussion
4	Mrs. K .S .Gadgil	14/09/2018	Counseling, motivation FDP knowledge sharing activity
5	Mr. P. P. Mahajan	21/09/2018	Train the Trainers-FDP knowledge sharing activity

Scientific progress is the discovery of a more & more comprehensive simplicity– Georges Lemaitre

**The Best way to predict the future is to create it
— Abraham Lincoln**



Industry Institute Interaction: Industrial Visits

N	Date	Class	Company	No.	Organized by/Attended by
1	06 /07/ 2018	TE	MAHATRANSCO- 220kV Parvati Substation, MSETCL EHV O&M DIVISION-1	41	1.Mrs.S.M.Shaikh, 2.Mrs. A. D. Shiralkar 3. Mrs. K. S. Gadgil 4.Mrs. S. S. Landge 5.Mrs V. A. Yawale, 6. Mr. P. P. Mahajan, 7.Mrs. N. M. Rao
2	10/07/ 2018	SE	Madhav Capacitors Pvt Ltd, Pune	50	1.Ms.Sujata Powniker 2.Mr. S. A. Asarkar
3	31/08/ 2018	BE	State Load Dispatch CenterThane – Belapur Rd ,Navi Mumbai 400708	51	1.Mr. S. S. Shingare 2.Mr. V. S. Kamble 3.Mrs. K. S. Gadgil
4	09/10/ 2018	BE	Akhilesh Electricals	35	1. Mr. S. S. Shingare 2. Mr. S. M. Chaudhari 3. Mr. P. P. Mahajan 4. Mrs. S. S. Landge 5. Mrs. V. A. Yawale 6. Mrs. N. M. Rao



BE Class Visit: Kalwa LDC



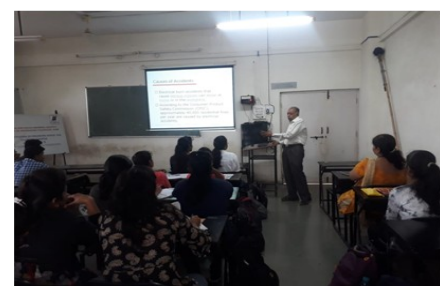
TE Class Visit: 220KV Parvati Substation, Pune

Professional Cell Activities

Date	Activity Details	Resource person/ Judge
2/10/18	IEEE Branch Student Solar Ambassador Workshop in association with IIT Bombay.	Mrs.A.D.Shiralkar,Mrs.V .A.Yawale Mrs.Saba Shaikh, Mrs.N M Rao Mr.Sanket Asarkar, Mrs.Suiata Pownikar
13-14/6/18	-Power Quality & Energy Cell ETAP Hands on Training. -PQ Cell-conducted 21 consultancy activities.	ETAP Automation, PQ Cell- Mr. S V Shelar
26-28/9/18	ISTE/IE(I) Branch A Three Day Practical Oriented Workshop on Industrial Approach in Electronics.	Mr. Chaudhari, Electronics Study Centre, Nashik.,Mr. V S Kamble
03-7/09/18	One week workshop on Advanced PLC Programming	Hi-Teh Training center, Government ITI Aundh, Pune, Mr. S S Shingare



SE Class Visit: MCPL Bhosari,



TE Class Expert Lecture:By Mr. Ashok Borgaonkar

Expert Lectures

Date	Activity Details	Speaker/ Judge	Organizer
24/07/18	"Electrical Safety and legal provisions in Electricity Act".-TE	Mr. Ashok Borgaonkar-Freelance Certified Energy Auditor,	Mrs.S.M.Shaikh
19/07/18	Gate preparation and Higher Education Opportunities-TE	Mr.K.L.Somani	Mrs. N M Rao
11/09/18	Interview skills and effective use of English language in communication. SE ,BE	Ms. Amrapali Aurangabadkar Shri Siddhivinayak Mahavidyalay , Pune	Mrs. K. S. Gadgil
26/09/18	Harmonic Case studies and New skills required by Today's Engineers-TE ,BE	Mr. Narendra Duvedi SAS Powertech Pvt. Ltd .	Mr. S. V. Shelar
01/10/ 18	Career as sales Engineer and Advanced measuring Instruments -BE ,SE	Mr. Guruprasad A Khaire Revine Tehnology Pvt. Ltd.Pune	Mrs. S. S. Landge Mr. S. M. Chaudhari
21/08/18	Importance of Control system-BE	Mr. Yogesh Ranga Senior Executive, Pune.	Mrs. V. A. Yawale



BE Class :PLC-SCADA Hi-Tech Advanced Vocational Training



AISSMSIOIT

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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]**

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Students placed in Academic Year 2018-2019 (SEM II)

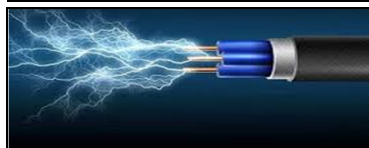
Sr No	Name of Student	Name of Company
1	Akash Salunkhe	TATA Consulting Engineering Ltd.
2	Ghana Thakur	TATA Consulting Engineering Ltd.
3	Khomane Sagar	Prepka Eduserv Pvt. Ltd
4	Akshay Walke	Indian Navy
5	Akshay Walke	Amazon Development Centre (India) Pvt. Ltd.
6	Krisna Dhonddev	Amazon Development Centre (India) Pvt. Ltd.
7	Kshitija Patil	Amazon Development Centre (India) Pvt. Ltd.
8	Sayali Ghodke	Amazon Development Centre (India) Pvt. Ltd.
9	Ankush Deore	Amazon Development Centre (India) Pvt. Ltd.
10	Vishaldada Padmane	Prepka Eduserv Pvt. Ltd
11	Sayali Paraye	Amazon Development Centre (India) Pvt. Ltd.
12	Rahul Patil	TATA STRIVE, Pune
13	Sachin Bhanvase	TATA STRIVE, Pune
14	Kiran Rathod	TATA STRIVE, Pune
15	Ruturaj Bokil	Talentedge Education venture Pvt. Ltd, Pune
16	Shubham Wale	Electromech Material Handling Systems (INDIA) Pvt. Ltd
17	Yashwardhan Sharma	Infosys
18	Akshay Walke	Neilsoft Ltd.
19	Durgesh Nikam	District Court, Pune.
20	Ankush Deore	TATA STRIVE, Pune.
21	Akanksha Kumar	Vedantu innovations Pvt. Ltd.
22	Omkar Zanje	Coast Guard Headquarters, Noida

Activities

- **Soft Skill Training.**
- **PLC-SCADA Hands on Training Workshop.**
- **IE(I) Activity: Electro-funda Competition.**
- **Consultancy under Power Quality & Energy Cell.**
- **Renewable Energy Club Activity : Energy Conservation Drive.**
- **T&P:GD, Debate Competition.**
- **EESA: Extracurricular Activities**



IEEE Student Branch Counselor



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	Mrs. A.D. Shiralkar	Design and development of novel decoupled two degree of freedom electro-hydraulic servo system for positioning heavy load	Int. J. Design Engineering	Vol. 8, No. 2	2018	
2	Mr. S. V. Shelar	Art of Smart Control of Reactive Power / Power Factor – Case Study	9 th International Conference on Capacitors CAPACIT 2019		Feb 2019, New Delhi.	
3	Mr. S. M. Chaudhari	Design Implementation and Analysis of Energy Efficient Illumination Scheme for AISSMS IOIT, Pune	International Journal of Engineering Research & Technology (IJERT)	Volume 8 Issue 06	June 2019	ISSN: 2278-0181
4	Mr. S. S. Shingare	Design and Control of Electric Bicycle	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 7 Issue V	May 2019	ISSN: 2321-9653
5	Mr. S. S. Shingare	Design and Development of Smart Blind Stick using Arduino	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 7 Issue V	May 2019	ISSN: 2321-9653
6	Mrs. S. S. Landge	Voice Control Automation using Wireless Fidelity	JASC: Journal of Applied Science and Computations	Volume VI, Issue V	May 2019	ISSN NO: 1076-5131
7	Mr. V. S. Kamble	Fabrication of maximum power point tracking solar charge controller	JASC: Journal of Applied Science and Computations	Volume VI, Issue V	May 2019	ISSN NO: 1076-5131
8	Mr. V. S. Kamble	Solar Peizo Hybrid System Hybrid power generation using solar panel and peizo sensors	Journal of Emerging Technologies and Innovative Research	Volume 6, Issue 5	May 2019	ISSN-2349-5162
9	Mrs. S. M. Shaikh	Power Quality Audit and Compliance As Per IEEE519-2014 Steering Manufacturing Industry (India)	JASC: Journal of Applied Science and Computations	Volume VI, Issue VI,	June 2019	ISSN NO: 1076-5131
10	Mrs. S. M. Shaikh	Simulation & Hardware Implementation of Single Phase Cascaded Five Level Inverter	JASC: Journal of Applied Science and Computations	Volume VI, Issue VI,	June 2019	ISSN NO: 1076-5131
11	Mrs. V. P. Kuralkar	Corona's application as nitrogen laser	75 th IRF International Conference, 27 th January, 201 9, Pune		January 2019, Pune	
12	Mrs. V. P. Kuralkar	Integrated Wind, Solar And Energy Storage	International Journal of Research and Analytical Reviews (IJRAR)	Volume 6, Issue 1	February 2019	E-ISSN 2348-1269, P- ISSN 2349-5138
13	Mr. P. P. Mahajan	Corona's application as nitrogen laser	75 th IRF International Conference, 27 th January, 2019, Pune		January 2019, Pune	
14	Mr. P. P. Mahajan	Earth Leakage Protection of Various Equipment using Arduino	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 7 Issue V	May 2019	ISSN: 2321-9653

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	Electrical Power Transmission And Distribution Diploma -2nd Year	TECHMAX Publication	January 2019	978-93-88341-31-2
2	Mr. S. M. Chaudhari	Electric Motors and Transformers Diploma -2nd Year	TECHMAX Publication	January 2019	978-93-88314-34-3
3	Mr. S. M. Chaudhari	Industrial Measurements Diploma -2nd year	TECHMAX Publication	January 2019	978-93-88314-28-2
4	Mr. S. M. Chaudhari	Power System -I	NIRALI	January 2019	---
5	Mr. S. M. Chaudhari	Electrical Machines I (BATU)	TECHMAX Publication	January 2019	978-93-88723-06-0
6	Mrs. S. M. Shaikh	High Voltage Engineering (SPPU)	TECHMAX Publication	January 2019	978-93-88314-66-4
7	Mr. S. M. Chaudhari	Power System -I (BATU)	TECHMAX Publication	February 2019	978-93-88723-54-9

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.*

Teaching Staff who attended Workshops/ Seminars.

Sr. No.	Name of Staff	Event	Organized by	Date of Event
1	Mr. S. V. Shelar	First phase (2 days) hands on TRAINING of ETAP software	ETAP Automation India Ltd.	1day 24-25 /01 2019
2	Mr. S. V. Shelar	Harmonic Mitigation	L & T Training Center Bhosari Pune	1day 27 /03/ 2019
3	Mr. S. V. Shelar	International conference on Capacitors CAPACIT 2019	IEEMA	2day 14-15 /02/ 2019
4	Mrs. A. D. Shiralkar	HAC Project presentation in Agricultural college, Pune.	IEEE Pune Section	1day 16/01/2019
5	Mrs. A. D. Shiralkar	One day workshop on HAC projects in BHAU,COEP, Pune	IEEE Pune Section	1day 26/02/2019
6	Mrs. K. S. Gadgil	STTP on “Power System Engineering ”	NPTEL Online Certification- IIT -Kharagpur	12 week 28/01/2019 to 27/04/2019
7	Mrs. S. S. Landge	STTP on “Power System Engineering ”	NPTEL Online Certification- IIT - Kharagpur	12 week 28/01/2019 to 27/04/2019
8	Mr. V. S. Kamble	STTP on “Power System Engineering ”	NPTEL Online Certification- IIT - Kharagpur	12 week 28/01/2019 to 27/04/2019
9	Mr. S. S. Shingare	STTP on “Effective Engineering Teaching in practice ”	NPTEL Online Certification- IIT - Mumbai	4 week 28 Jan-15 march 2019
10	Mrs. S. M. Shaikh	First phase (2 days) hands on TRAINING of ETAP software	ETAP Automation India Ltd.	2days 24-25 /01/2019
11	Mrs. S. M. Shaikh	Harmonic Mitigation	L & T Training Center Bhosari Pune	1day 27 /03/2019
12	Mr. P. P. Mahajan	STTP on “Microprocessor and Microcontrollers”	NPTEL Online Certification- IIT- Kharagpur	12 week 28/01/2019 to 27/04/2019
13	Mrs. V. A. Yawale	STTP on “Power System Engineering ”	NPTEL Online Certification- IIT	12 week 28/01/2019 to 27/04/2019
14	Mrs. S.N. Powniker	One day Workshop on Moodle Learning Management System held	IIT Bombay	1day 15 /03/2019
15	Mrs. S. N. Powniker	STTP on “Effective Engineering Teaching in practice ”	NPTEL Online Certification- IIT -Mumbai	4 week 28 Jan-15 march 2019
16	Mrs. S. N. Powniker	STTP on “ Problem based learning “	NITTR Kolkata	2week 20/05/2019- 31/-5/2019
17	Mr. S. A. Asarkar	STTP on “Effective Engineering Teaching in practice ”	NPTEL Online Certification- IIT -Mumbai	4 week 28 Jan-15 march 2019

Non Teaching staff who attended Workshops.

Sr. No.	Name of Staff	Event	Organized by	Date of Event
01	Mrs. Suchita Ingale	ETAP Automation India Ltd.	Dept.of Electrical Engg	2days 24-25 /01/2019
02	Mrs. Suchita Ingale	Soft Skills	AISSMS IOIT	2days 16-17/01/2019
03	Mr. Rakesh Raut	Soft Skills	AISSMS IOIT	2days 16-17/01/2019
04	Mr. U. B. Waikar	Soft Skills	AISSMS IOIT	2days 16-17/01/2019
05	Mr. Santosh Pawar	Soft Skills	AISSMS IOIT	2days 16-17/01/2019
06	Mr. Kishor Bhokare	Soft Skills	AISSMS IOIT	2days 16-17/01/2019
07	Mr. L. D. Upare	Soft Skills	AISSMS IOIT	2days 16-17/01/2019
08	Mr. Sameer Mate	Soft Skills	AISSMS IOIT	2days 16-17/01/2019

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

Faculty Knowledge Forum

Sr. No.	Name of Staff	Date	Details of activities performed
1	Ms. Arati Anandikar	08/02/2019	Selective harmonic elimination using PWM
2	Mrs. K. S. Gadgil	22/02/2019	Session on NPTEL online course preparation
3	Mr. S. M. Chaudhari	15/03/2019	Session on Electrical Machines
4	Mr. S.V. Shelar	21/03/2019	Session on Power Quality

**Resource Person**

Sr. No	Staff Name	Date & Place	Details
1	Mr. S. M. Chaudhari	01/04/2019 AISSMS COE, Pune	Expert Lecture on “ Railway Signalling”
2	Mr.Sachin Shelar	10/03/2019 and 11/03/2019 Gujarat	Training on Harmonics for Customers of Subodhon Engineers at Rajkot (Gujarat)

Glimpse of Departmental Activities

Interaction of Faculty Members Mr. Amit K S, Business Head Havells India Ltd



Testing and Quality Assurance Lab , MSEDCL Phursungi



Testing and Quality Assurance Lab , MSEDCL Phursungi

Expert Lecture “Being an Entrepreneur”
Mrs Sanjwani Joglekar ‘Adviser-
VishwKalyan Gurukul Seva Foundation(Inauguration) National Level Workshop
Power Electronics Applications and Control of
E – Vehicles and Drives

Demonstration of E– Vehicles

Industry Institute Interaction

Industrial Visits

Sr. No	Date of Visit	Class	Company	No of Students Visited	Organized by/Attended by
1	22/1/2019	TE	Silverline Electrical Pvt Ltd Sanaswadi ,Pune	60	1.Mrs. A D. Shiralkar 2.Mr. K. K. Puranik 3.Mrs. V. A. Yawale
2	15/2/2019	SE	Ganeshkhindi Substation, pune	58	1. Mrs. K. S. Gadgil 2. Mr. S. M. Chaudhari 3. Mr. P. P. Mahajan 4. Mrs. S. S. Landge 5. Mrs. N. M. Rao
3	05/03//2019	BE	Testing and Quality Assurance Lab , MSEDCL	50	1. Mr. S. S. Shingare 2.Mrs.S.M.Shaikh 3.Mr. V. S. Kamble
4	22/03/2019	BE	Kesari Press	45	1. Mr. S. S. Shingare 2. Mrs. S. S. Landge 3.Mrs.S.M.Shaikh 4. Mr. S. A. Asarkar 5.Ms. S. N. Powniker



Power Quality Cell

Consultancy For	Industry
Subodhan Engineers Pvt. Ltd.	PQ Audit(Harmonics) at Mahesh Spinning Mill, Hatkangale, Kolhapur
Subodhan Engineers Pvt. Ltd.	PQ (Harmonic) Training at Rajkot and Morbi In Gujarat
Emerich Energy Private Limited	PQ Audit (Harmonics)at T & D Galiakot Containers Pvt Ltd Silvassa,Chakan
Subodhan Engineers Pvt. Ltd.	PQ Audit (Harmonics)at Flash Viven Machining Technologies Pvt Ltd. Chakan
Strom Energie Pvt. Ltd.	PQ audit (Harmonics)at PraditiPressspartsPvt Ltd MIDCchinchwad
Strom Energie Pvt. Ltd.	PQ Audit(Reactive Power) at Bhiwandi 2 Locations
Strom Energie Pvt. Ltd.	PQ Audit(Reactive Power) at SGL Carbon India Pvt Ltd.. Ranjangaon
Strom Energie Pvt. Ltd.	PQ Audit (Reactive Power) at Pawana Industrial Estate, Bhosari
Subodhan Engineers Pvt. Ltd.	PQ Audit (Harmonics)at AlokVapi
Strom Energie Pvt. Ltd.	PQ Audit (Reactive Power) at KalyaniTechnoforge Ltd. Ranjangaon
Strom Energie Pvt. Ltd.	PQ Audit (Reactive Power) at R B Tools, ARM welders, Bhosari



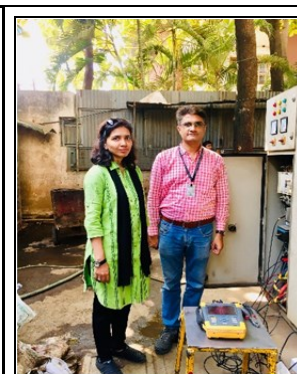
Mahesh Spinning Mill,
Hatkangale,
Kolhapur



T & D Galiakot Containers
Pvt Ltd Silvassa,
Chakan



Flash Viven Machining
Technologies Pvt Ltd.
Chakan



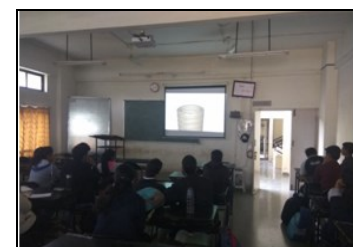
Pawana Industrial Estate,
Bhosari

Professional Cell Activities**IEEE Student Branch Activities**

Sr. No	Date	Activity Details Topic	Resource person/ Judge
1	16/01/2019	Workshop on affordable agriculture -Roadmap	Mr.Jagdeesh Chaudhari, TCS, Pune
2	29/01/2019	Selection of HAC SIG projects under HAC, IEEE	Mandar Kurjekar, Execom member, IEEE Pune Section Mr.Jagdeesh Chaudhari, TCS, Pune
3	01/02/2019	MATLAB and Simulink	Mr. Dharendra Singh Application Engineer, MathWorks, Bangalore.
4	13/02/2019	Guest lecture-Role of control systems in automation industry.	Mr. Barure Omprakash Dtap-V Automation Pvt.Ltd.,Pune
5	26/02/2019	HAC Project poster presentation at BHAI, COEP, Pune.	1.Mr.Jagdeesh Chaudhari, TCS, Pune, 2.Mandar Kurjekar, Execom Member IEEE Pune Section, 3.Rajesh Ingle Chair IEEE Pune Section 4. Mr.Roshan Sarojini farms, 5.Mrs.Sanjiwani Joglekar, NGO
6	28/02/2019	Student Section Representative Interview	Mandar Kurjekar, Execom member, IEEE Pune Section Mr.Jagdeesh Chaudhari, TCS, Pune
7	18/03/2019 and 19/03/2019	Two Days Workshop on "Intellectual Property Rights: Role in Make in India"	Dr. Apurva Palkar, Director, Center for Innovation, Incubation and Linkages, SPPU,Pune
8	25/03/2019	Orientation Lecture on "How to Write Effective Research Proposal for Funding"	Dr. P. Mukhopadhyay, Scientist E, Indian Institute of Tropical Meteorology (IITM), Pune, Dr. Kaustav Chakravarty, Scientist D, Indian Institute of Tropical Meteorology (IITM), Pune
9	29/03/2019	Project presentation and demonstration -review	Mandar Kurjekar, Execom member, IEEE Pune Section Mr.Jagdeesh Chaudhari, TCS, Pune

ISTE/IE(I) Students' Branch

Sr. No.	Date	Activity Details/Topic & No. of Students	Resource Person/ Judge
1	09/01/2019	Video lecture on design of transformer 42 students	Mrs. V.A. Yewale
2	15/02/2019 - 28/02/2019	Illumination Scheme Design Contest TE Electrical students (70)	Mr. S. M. Chaudhari



Video Lecture on Design of Transformer

Expert Lectures

Sr. No.	Date	Activity Details/ No. of Students	Speaker/ Judge	Organizer/ Staff Coordinator/ Student Coordinator
1	04/02/2019	Being an Entrepreneur TE -50 Students	<u>Mrs. Sanjavani Joglekar</u> Adisor Vishw kalia Gurukul Seva 9 Foundation	Mrs. S.M.Shaikh
2	13/02/2019	Role of control systems in automation industry TE 35 Students.	<u>Mr. Barure Omprakash</u> Dtap-V Automation Pvt.Ltd.,Pune	Mrs. A.D.Shiralkar
3	20/03/2019	Power System TE -42	<u>Mr. Ashok Borgaonkar</u>	Mr. V.S.Kamble
4	01/04/2019	Career opportunities as Electrical Engineers TE-44 SE-32 Students	<u>Mr. Mahesh Ghorpade</u> Embedded System Developer Knorrbrmese Technology Centre India Pvt. Ltd.Pune	Mrs. V.A.Yawale Mrs. N. M. Rao
5	03/04/2019	Solar PV Systems – Design and Installation for large Power Plants SE- 40	<u>Mr. Saurabh Nigudkar</u> Project Engineer – Sgurr energy India Pune	Mrs. K. S. Gadgil

