



A I S S M S I O I T

DEPARTMENT OF ELECTRICAL ENGINEERING

ELECTROGRAPH!

THE NEWS LETTER OF ELECTRICAL ENGINEERING

Program Education Objectives (PEOs)

- Equip students with skills to excel in academic and professional career.
- Inculcate ability in the students to investigate problems in engineering and provide effective solutions.
- Prepare graduates to engage in life-long learning by developing in them professional social and Ethical attitude.

PROGRAM OUTCOMES (POs)

- PO1.** An ability to apply the knowledge of mathematics, science and Engineering in all aspects of Electrical Engineering.
- PO2.** An ability to analyze, simulate, design, investigate complex problems, and/or fabricate/commission complete systems.
- PO3.** An ability to acquire new knowledge to use modern engineering tools, software and equipments to analyse problems necessary for electrical engineering.
- PO4.** An ability to recognize the impact of engineering on society.
- PO5.** An understanding of professional, ethical, legal, security, environment and social issues and responsibilities.
- PO6.** An ability to function effectively individually and in teams, including diverse and multidisciplinary, to accomplish a common goal.
- PO7.** An ability to communicate effectively in both verbal and written form.
- PO8.** An ability to acquire lifelong learning skills and confidence for self education.
- PO9.** An understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and finance.

Students placed in academic Year 2015-2016 (SEM I)

NAME	COMPANY
Mohsin Pathan	Tata Consultancy Services
Sameer Gilbile	
Aman Singh	Tata Consultant Engineering
Kanchan Pandita	NTT Data
B. Saranniyaa	
Sriram Rajendaran	Research
Anurag Patil	
Mayuri More	Syntel Pvt Ltd
Nikhil Shendage	i-GATE



ACTIVITIES AT DEPARTMENT

- Scout Training Programme organized under T & P to develop soft skills, Personal effectiveness training, Aptitude tests for TE and BE classes.
- Debate Competition was organized for SE , TE & BE.



Trophy Received For Highest Number Of Blood Donors

Vikram Mishra, Sachin Madan, Vineet Tirnagarar & Pratik Bhojar won the QUIZ Competition organized under IE(I) student chapter for SE Electrical.

ENTHUSIA 2015

About 390 students participated in various events like Technical Quiz, Circuit Designing, Extempore, etc.



E- Waste Collection Activity on eve of Akshay Urja Diwas



Paper Publication (Journal)

Sr. No.	Name of the Faculty/author	Title of the paper	Name of the Journal/ Conference	Volume & pages	Year of Publication	ISBN/ ISSN No.
1	Mr. S.V.Shelar	Assessment of Course Outcomes in University Affiliated Engineering Programs	IEEE International Conference on MOOCs	9	2015	ISBN- 978 -1-476-6746-2
2	Mr. S. M. Chaudhari Mr.S. A . Asarkar	Parameter identification and Modelling of Separately Excited DC Motor	IJIERT	Vol2 & Pages 1- 8	2015	ISSN 2394 -3696

Books Publication

Sr. No.	Name of the Faculty / Author	Title of the books/ monographs	Name and place of publishers	Date of publication	ISBN/ISSN NO.
01	Mrs. S. S. Landge Mr. S. M. Chaudhari	Power System Analysis	Techmax, Pune Mumbai University	2015	ISBN-978-93-5077-960-6
02	Mr. S. M. Chaudhari Mrs.S. M. Shaikh	High Voltage Engineering	Techmax, Pune Mumbai University	June 2015	ISBN-978-93-5224-091-3
03	Mr. S. M. Chaudhari Mr. S. V. Shelar	Electrical Machine Design	Techmax, Pune Mumbai University	July2015	ISBN-978-93-5224-134-7
04	Mr. S. M. Chaudhari Mr. S. V. Shelar	Elements of Electrical Design	Techmax, Pune GujaratTech University	June 2015	ISBN-978-93-5224-028-9
05	Mr. S. M. Chaudhari	Measurements and Instruments	Techmax, Pune Shivaji University	June 2015	ISBN-978-93-5224-148-8

Resource Person

Sr. No	Staff Name	Date & Place	Details
01	Mr. S. V. Shelar	5/8/2015 , Pune	IEEE ICESA-2015 PAPER REVIEW 1
02	Mr. S. V. Shelar	6/8/2015, Pune	IEEE ICESA-2015 PAPER REVIEW 2
03	Mr.V. S. Kamble	3/10/15 MMCOE Pune	Expert Lecture on Applications and future trends in measurements and instrumentation area
04	Mrs.S. M. Shaikh	5/8/2015, Pune	IEEE ICESA-2015 PAPER REVIEW 1
05	Mr. P. P.Mahajan	22/9/2015 AISSMS , Pune	Expert Lecture on Compare Capture PWM module of PIC18F458
06	Mr. P. P.Mahajan	17/7/2015 MMCOE , Pune	Expert Lecture on Advanced Microcontroller and its Applications



Workshops/ Seminars attended.

Sr. No.	Name of Staff	Event	Organized by	Date
1	Mr. S. V. Shelar	Internet of Things IoT	Maven Systems Pune IEEE Pune Section	31/07/2015
2	Mr. S. M. Chaudhari Mr. S. V. Shelar	National Workshop on Evolving Blended Learning Models for Engineering Education	IEEE Education Society at Amritsar COET, Amritsar	2/10/2015
3	Mrs. A. D. Shiralkar	AICTE sponsored Advances in Variable Structure and Sliding Mode Control National	Indian Institute of Technology(IIT) Bombay	May 28- June 01,2015
		BCUD,SPPU,Pune INNOVATION-2015 Research Conference for Engineering Teachers Regional	DYPIEMR,Akurdi, Pune	6/7/2015
		BCUD,SPPU,Pune Avishkar-2015 Research Festival Zonal	MSCOE,Pune	23/9/2015
		University Level Research Project Competition	SPPU, Pune	11/12/2015
4	Mr. S. M. Chaudhari Mr. S. V. Shelar Mrs. K. S. Gadgil Mr. P. P. Mahajan Mr. S. M. Karodi Mr. S. A. Asarkar Mrs. S.N. Powniker Ms A A Abhyankar	One day Workshop on Harmonics in Industrial Power System Speaker: Dr. Peter Sutherland GE (USA) Fellow– IEEE DL	IEEE Pune Section	23/11/2015
5	Mrs. A. D. Shiralkar Mrs. S. M. Shaikh	Seminar on “Leverage Technology for Product Excellence” at Pune. Local	DesignTech Systems Ltd	28/10/2015
6	Mrs. S. M. Shaikh	One Week ISTE approved STTP on Understanding Application of Mathematics in Engg . Discipline	VIIT , Pune	23/11/2015 to 28/11/2015
7	Ms. V. P. Kuralkar Ms. A. A. Rane	National Mission on Education through ICT , MHRD LATEX Workshop National	IIT Bombay	29/08/2015
8	Mr. S. M. Chaudhari Mr. S. V. Shelar Mr. P. P. Mahajan Mr. S. M. Karodi	Half day Workshop on Electrical Conditioning Monitoring of Motors by Dr. Sang Bin Lee, Korea. IEEE DL	IEEE Pune Section	18/11/2015
9	Mrs. N. M. Rao	NPTEL,IIT Madras National Programme on Technology Enhanced Learning National	MIT Aalandi	9/10/2015

Teaching Staff Achievement

S r . No.	Name of Staff	Achievement &Awards
1	Mr S. V. Shelar.	100%Results of Automation in Industrial Drives (ME)
2	Mrs. A. D. Shiralkar	Project Selected for University Level Competition at Avishkar
3	Mrs. A. D. Shiralkar	100%Results of Advanced Control System Drives (ME)
4	Mrs. K. S. Gadgil	100%Results of Research Methodology (ME)
5	Mrs. K. S. Gadgil	100%Results of Power Electronics Applications (ME)
6	Mr. S. S. Shingare	100%Results of Switchgear & Protection (BE)
7	Mrs S. S. Landge	100%Results of Renewable Energy (BE)
8	Mrs S. S. Landge	100% Results of AC & DC Drives (ME)
9	Mr. P. P. Mahajan	100%Results of Power Converters (ME)
10	Mr. S. K. Mahindrakar	100%Results of Digital control System (BE)
11	Mrs. A. A. Rane	100%Results of Industrial drives & control (BE)

EESA YEAR BOOK

inauguration 2015



ELECTROGRAPH !

Industry Institute Interaction: Industrial Visits

Sr. No	Date of Visit	Class	Company	No of Students Visited	Organized by/Attended by
1	24/07/15	TE	Manisha Transformers Pvt.Ltd. Pirangut.	50	Organized By :Mrs. V A Yawale & Mrs S M. Shaikh Attended By : Mr. P P Mahajan and Mrs N M Rao
2	02/09/15	BE &ME	Reliance Energy Pvt. Ltd. Mumbai.	70	Organized By : Mrs. S. S. Landge Attended by, Mrs.K. S. Gadgil, Mr. S. S. Shingare , Mrs. S. S. Landge, Mrs A.A. Rane
3	07/9/15	SE	Bhatghar Small Hydro Power Plant.	72	Organized By: Sujata Powniker &V S Kamble, Attended By: V S Kamble, S K Mahindrakar. Sujata Powniker , S A Asarkar
4	30/09/15	BE &ME	Analogic Automation Pvt. Ltd. Pune	63	Organized By :Mrs. A.D. Shiralkar &Mr. S. S. Shingare Attended by: Mrs. A.D. Shiralkar, Mrs.K. S. Gadgil, Mr. S. S. Shingare, Mrs. S. L. Landge, Mrs A.A. Rane Mr. S. M. Karodi
5	07/10/15	SE	Meteorological Department, Pune	70	Organized By: Mr. S. M. Chaudhari Attended By: Mr. S. M. Chaudhari , Mrs S M. Shaikh ,Mr. S.K. Mahindrakar, Mrs. Sujata Powniker
6	13/10/15	ME	Kalyani Carpenter Steel Ltd. Pune.	5	Organized By : Mr. S. V. Shelar Attended By : Mr. S. V. Shelar

IE (I) Activities

Sr. No	Date	Activity Details Topic	Resource person/ Judge
1	07/07/15	Video of Oil filtration process shown in class	Mrs. S. M. Shaikh
2	09/07/15	Technical Quiz	Mrs. K. S. Gadgil Mrs. S. N. Pownikar, Mr.Sanket Asarkar
3	31/07/15	Survey Paper Writing (B.E. Electrical)	Mr. S. S. Shingare
4	17/06/15	Brainstorming Activity	Mrs. S. M. Shaikh
5	28/08/15	Debate Competition	Mr. S. M. Karodi
6	02/09/15	Aptitude Test	Mr. V. S. Kamble

Industrial Visit: Ruby Hall



ME ELCTRICAL students and staff

Expert Lectures

Sr. No	Date	Topic	Speaker	Organizer
1	01/7/2015	PLC and SCADA	Mr. Sachin N. Kadam	Mr. S. S. Shingare
2	31/07/15	Wiring Harness	Mr.Nimkar Paresh,Mr.Sayyad Hasa.	S V Shelar S M Chaudhari
3	31/08/15	Energy Management	Mr. Shounak Deshmukh	Mr. S. M . Chuadhari
4	31/08/15	Career in Automation Industry For Electrical Engineers	Mr.Omprakash Barure	Mrs. S. S. landge
5	07/09/15	Power Quality	Dr. S. M. Bakre	S V Shelar
6	23/09/15	GATE and Higher Education	Dr. S. M. M.M. Trinath	Mrs.N.M.Rao
7	24/09/15	Distributed Control System	Mr.Omprakash Barure	Mrs.A.D.Shiralkar

I have not failed. I've just found out 10,000 ways that won't work...- THOMAS EDISON

Edited By- Mr. S. M. Chaudhari, HOD Electrical
Composed By- Mr. Sanket Asarkar



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Students placed in academic Year 2015-2016 (SEM II)

NAME	NAME OF THE COMPANY
Ankur Gusain	SSB_ Army TGC 123
Aman Singh	Indian Navy
Sharad Tripathi	Indian Navy
Vishal Marewad	Indian Navy
Sharad Tripathi	Tech Mahindra
Swapnil Patil	Smart Enviro Systems



Activities

- Scout Training Programme organized under T & P to develop soft skills, Personal effectiveness training, Aptitude tests for SE and TE classes.
- Elocution Competition and Aptitude Test was organized for SE , TE & BE.



Social Activity –Visit to Nivasi Apang Vidyalaya , Nigdi

TOPPERS

Pranali Bagal (SE) 77.27%
Omkar Swami(TE) 79.47%
Sharad Tripathi(BE)

Special Mention

– TE Electrical Students -Shubham Naik, Pranav Vedpathak & Rounak Shetey have won three National Level Paper Presentation Competition and ended Runner-ups twice in various inter collegiate technical events in Pune.

– Our Students Cultural Team bagged the **BEST PERFORMER** for "चुकलेली वाट" in **ALACRITY** 2015-16.

– Our TE Student **HARISH TARU** has published his poetry collection "BINVASACHA CHAFA" & has submitted his film "घुसमट" for National Festival.

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Paper Publication (Journal)

Sr. No.	Name of the Teacher	Title of the paper	Name of the Journal	Volume & pages	Year of Publication	ISSN No.
01	Mr. S. M. Chaudhari & Ms. A. A. Abhyankar	DC motor control using fuzzy logic for Input to Five Bar Planar Mechanism - A Survey Paper	International Journal of Advance Research & Innovative Ideas in Education (IJARIE)	Vol-2 Issue-2	16	ISSN (O)-2395-4396
02	Mr. Shelar S. V. & Mrs. S. N. Powniker	Design & Simulation Of Active Power Factor Controller Using Boost Converter	Novateur Publications International Journal Of Innovations In Engineering Research And Technology	Vol-3, Issue-3	Mar.-16	ISSN: 2394-3696
03	Mr. Kamble V. S.	Design And Development of Automatic Mains Failure Panel For Diesel Generator	International Journal of Engineering Research and General Science	Vol - 4 Issue- 2	March-April, 16	ISSN 2091-2730
04	Mrs. S. S. Landge	LED Illumination – A case study of energy Conservation	International Journal of Engineering Research and General Science	Vol-4 Issue-2	March-April, 16	ISSN 2091-2730
05	Mrs. Kuralkar V. P.	Voltage Sag Mitigation by Using Dynamic Voltage Restorer (DVR)	International Journal on Recent and Innovation Trends in Computing and Communication	Vol - 4 Issue-3	April 16	ISSN: 2321-8169 558561
06	Mrs. Rao N. M.	Design of Axial Flux Hub Motor	International Journal of Advance Engineering and Research Development	Vol - 3, Issue -3	March -16	ISSN 2348-4470

Books Publication

Sr. No.	Name of the Author	Title of the Book	Name and place of Publishers	Date of Publication	ISBN/ISSN NO.
01	Mr. S. M. Chaudhari	Electrical Machine Design	Tech Max Publication	Feb 2016	978-93-5224-134-7
02	Mr. S. M. Chaudhari & Mr. S. V. Shelar	Design of DC Machines & transformer	Tech Max Publication Gujrat Technological University	Mar 2016	978-81-8492-899-0
03	Mr. S. M. Chaudhari & Mr. S. V. Shelar	Electrical Machine Design II	Tech Max Publication Gujrat Technological University	Mar 2016	978-81-8492-608-8
04	Mr. S. M. Chaudhari & Mrs. S. S. Landge	Electrical Power system II	Tech Max Publication Gujrat Technological University	2016	978-93-5077-627-8
05	Mr. S. M. Chaudhari	Illumination Engineering	Tech Max Publication	Feb 2016	978-93-5077-405-2

Departmental Wednesday Activities

Sr. No.	Name of Staff	Date	Details of activities performed
01	Mr. P. P. Mahajan	28/01/16	Updation of Teaching plan in ERP
02	Mrs. A. D. Shiralkar	05/03/16	Sliding Mode Control – Phd Work Presentation
03	Mr. S. V. Shelar	01/02/16	Project Presentation by Mr. Gaurav Andhare and Mrs. Sujata Powniker(ME students)
04	Mr. S. M. Chaudhari	17/02/16	NAAC Presentation
05	Mrs. S. M. Shaikh	23/03/16	Advances in PSOC using synchrophasors



Teaching Staff who attended Workshops/ Seminars.

Sr. No.	Name of Staff	Event	Organized by	Date
1	Mr. S. M. Chaudhari	SE Syllabus Revision Workshop	ZCOER .Pune SPPU	04/04/16
2	Mrs. A. D. Shiralkar	Avishkar-15 Research University Level	SPPU,,Pune	11/12/15
3	Mrs. K. S. Gadgil	International Seminar on Recent Trends in Renewable Energy Systems	PES MCOE, Pune	28/1/16 29/1/16
5	Mrs. S. S. Landge	International Seminar on Recent Trends in Renewable Energy Systems	PES MCOE, Pune	28/1/16 29/1/16
6	Mrs. S. M. Shaikh	International Conference on transformations in Engineering Education	ICTIEE, COEP	8/1/16- 12/1/16
7		Advances in PSOC using Synchrophasors	CPRI, Bengaluru	8/1/16
8	Mrs. V. P. Kuralkar	Two days Workshop on Recent trends and future of Renewable Energy	D. Y. Patil School of Engineering	19/1/16
9	Mrs. N. M. Rao			20/1/16
10	Mr. P. P. Mahajan	SE Syllabus Revision Workshop	ZCOER .Pune SPPU	4/4/16
11	Mrs. K. S. Gadgil			
12	Mr. V. S. Kamble			
13	Mrs. S. M. Shaikh			

Non Teaching staff who attended Workshops.

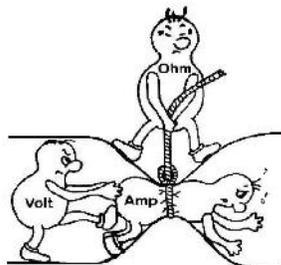
Sr. No.	Name of Staff	Event	Organized by	Date
1	Mrs. S. S. Ingle	3 days workshop on Microsoft office	AISSMS IOIT FE SCIENCE DEPT	16-18 Feb 16
2	Mr. K. D. Ghatage			
3	Mr. S. N. Pawar			
4	Mr. R. S. Raut			
5	Mr. U. B. Waikar	1day workshop on Installation and commissioning of DG SETs	Kirloskar Oil Engines Ltd. Pune	20 Jan 16
6	Mr. S. N. Pawar			



Resource Person

Sr. No	Name of Staff	Date & Place	Details
01	Mr. S. M. Chaudhari	8/2/16 MKSSS CCOEW	Power Plant Engg. Instrumentation and protection aspects BE students of MKSSS CCOEW
02	Mr. S. V. Shelar	18/04/16 AISSMS NBA	NBA Orientation
03	Mr. V. S. Kamble	13/3/16 AISSMSCOE	Electrical Energy Measurement BE students of AISSMSCOE
04	Mr. S. M. Chaudhari	8/2/16 JSPM	Judge for National Level Symposium "Technovision" (Participants from all over India)
05	Mr. P. P. Mahajan		
06	Mr.S. M. Karodi	12/12/15 VIT	Mini project Competition for FE Students

Video of Oil Filtration Process shown in TE class



HV Engineering- Group Discussion & Presentation

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Industry Institute Interaction: Industrial Visits

Sr. No	Date of Visit	Class	Company	No. of Students Visited	Organized and Attended by
1	04/04/16	TE and BE	Crompton Greaves Ltd	TE - 32 BE- 43	Org- Mrs. V A Yawale, Atte- Mrs. V. P. Kuralkar, Ms. A. A. Rane, Mrs. N. M. Rao, Ms. A. A. Abhyankar
2	01/04/16	SE	Orbital Electromech Engg Projects Pvt Ltd	SE - 50	Org- Mr. S. M. Chaudhari Atte- Mr. S. M. Chaudhari, Mrs. K. S. Gadgil, Mr. P. P. Mahajan, Mrs. N. M. Rao, Mrs. S. N. Pownikar
3	11/03/16	BE	MAHADISCOM	BE - 22	Org- Mrs. S. M. Shaikh Atte- Mrs. S. M. Shaikh, Ms. A. A. Rane
4	16/02/16	TE	Central Railways , Kirkee TSS	TE -50	Org- Mr. S. M. Karodi Atte- Mr.S. K. Mahindrakar, S. M. Karodi, Mr. S. A. Asarkar
5	09/02/16	ME And TE	HVDC terminal Substation	ME - 08 TE - 66	Org- Mr. V. S. Kamble, Atte- Mr. V. S. Kamble, Mrs.S. S. Landge, Mr. S. M. Karodi, Mr. S. A. Asarkar
6	20/01/16	BE	Shreya Enterprises, Electricals	BE - 64	Org- Mr. S. S. Shingare Atte- Mr. P. P. Mahajan, Mrs. S. M. Shaikh, Mr. S. S. Shingare, Ms. A. A. Rane, Mr. S. M. Karodi, Mrs. S. N. Pownikar, Mr. S. S. Jagtap



TE Visit to Central Railway TSS Kirkee Loco workshop.



Cable testing being shown at MAHADISCOM Testing and Quality Assessment Laboratory (Major Stores A&B) Phursungi, Pune

IE (I) Activities

Sr. No.	Date	Activity Details Topic	Resource person/ Judge
1	14/01/16	High Voltage Engineering- Group Discussion & Presentation	Mrs. S. M. Shaikh
2	10/02/16	Presentation	Mrs. N. M. Rao
3	28/03/16	Project Competition	Mr. S. S. Shingare Mr. P. P. Mahajan
4	11/02/16	Elocution Competition	Mr. S. M. Karodi
5	05/01/16 07/01/16 20/01/16 08/03/16	Peer Study Group Activity .. Exam Preparation	Subject and Class Toppers from TE and BE Class



TE Visit to HVDC substation Padghe.

Expert Lectures

Sr. No.	Date	Topic	Speaker	Organizer
1	11/02/16	HV Testing of Electrical Apparatus	Mr. S. R. Daithankar	Mrs. S.M. Shaikh
2	10/02/16	Quest for Sustainability in the midst of Conflict in Climate and Energy Security	Dr. Deeapk Waikar	Mr. S. V. Shelar
3	27/01/16	Study Aboard opportunities	Ms Rashmi Tandale Mr. Rahul Kamble	Mr. S. S. Shingare



Ms. Rashmi Tandale & Mr. Rahul Kamble Conducting Lecture on Study Abroad Opportunities

“Failure will never overtake me if my determination to succeed is strong enough.”- Dr. A. P. J. Abdul Kalam

Edited By- Mr. S. M. Chaudhari, HOD Electrical
Composed By- Mr. Sanket Asarkar