



# AISSMS

**INSTITUTE OF INFORMATION TECHNOLOGY**

Affiliated to Savitribai Phule Pune University, Approved by AICTE,  
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(ID No. PU/PN/ENGG/124/1998)

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## Department of Electrical Engineering

### IE(I) student's chapter

2017-2018 SEM I

### Curricular activities

Sr. No	Date	Class	Topic	Resource person	Module description	Department
1.	23 /6/17	SE	Technical Presentation Activity for SE Electrical.	--	Students presented Electrical and Electronics topics: Wireless charger, Solar Tree Timers , Wind turbine advancement , Voltage Regulators , Water level controller etc	Electrical
2.	5/7/17	TE	Self Learning activity-	--	Presentation on topic GTO-construction, working, VI characteristics and applications	Electrical
3.	6/7/17	TE	Electrical Installation, Maintenance & Testing (EIMT)-brain storming	--	1. Students were first explained concept of earthing and terms like step potential and touch potential and then a video explaining these was shown. The video also showed what precautions to be taken in hazardous situations. 2. In the next video fabrication of pole transformers was shown to students and 3. Filtration/ reconditioning of oil – an animated video was shown.	Electrical
4.	07/07/17	TE	Electrical Installation, Maintenance & Testing (EIMT)-Video Lectures	--	All students present in the class were asked to write anything that comes to their mind about maintenance and then the concept of maintenance was discussed.	Electrical
5.	27/07/17					



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6.	11/7/17	TE 50 students	Self Learning activity- Presentation on topic MOSFET- construction, working, VI characteristics and applications	--	The students are asked to prepare notes and power point presentation on topic "Presentation on topic MOSFET- construction, working, VI characteristics and applications". After checking notes and PPT they presented this topic in TE Electrical class.	Electrical
7.	18/7/17	TE 45 students	Self Learning activity- Presentation on topic IGBT- construction, working, VI characteristics and applications	--	The students are asked to prepare notes and power point presentation on topic "IGBT- construction, working, VI characteristics and applications". After checking notes and PPT they presented this topic in TE Electrical class.	Electrical
8.	24/08/17	BE	Technical interview for Students.	1.Mr.S. Prof. S V Shelar. 2.Mr. Prof. P. P Mahajan	Technical Interview session was organized under T & P activity on 24th August 2017 for all students of BE class of Electrical Engineering Department	Electrical

## VISITS

Sr. No	Date	Class	Topic	Resource person	Module description	Department
01	04/07/17	TE	Electrical Installation, Maintenance & Testing (EIMT)- Industrial Visit	Dy.Executive engineer MAHATRANSCO 220kV Parvati Substation	The students got to walk through the substation while the Dy.Executive engineer and his team guided and made	Electrical



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					students well versed with the different electrical equipments in the substation.	
02	18 /8/17	SE	Automatic Electric Ltd	Sr. engineer Automatic Electric Ltd	Students visited 2 divisions of AE -i) Electrical Measuring Instruments ii) Transformer Unit	Electrical
03	12/9/17	B. E. Instru	Deenanath mangeshkar Hospital and research center	Doctors of Deenanath mangeshkar Hospital and research center	The department had organized a visit at DeenanathMangeshkar Hospital, Erandawane, Pune for Advanced Biomedical Instrumentation for BE (Instrumentation) students	
04	15/9/17	TE	Visit to 1st Solar Expo	Siddhi Banquet, Pune	To observe the advancements in Solar power technology and visit various stalls displaying applications of solar energy. Following companies had displayed the stalls Vikas Associates, Samruddhi Solar, Akshay Solar, Bosch, Grace Renewable energy pvt. Ltd., Redren Solar Power, True Power Earthings.	Electrical



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05	28/09/17	B.E	50 W Solar Power Plant Shirsupal , Baramati	Sr.Engineer 50 W Solar Power Plant Shirsupal , Baramati	PSOC Educational visit	Electrical

### EXPERT LECTURES

S r. N o	Date	Class	Topic	Resource person	Module description	Department
1	4/7/2017	BE Class	Importance of Control System in various competitive exams .	Mr. Vipin Tiwari R and D department of Eton Technology Pune	Mr. Vipin Tiwari working in the Rand D department of Eton Technology Pune explained the students about the Importance of Control System in various competitive exams .He also guided the students for the preparation of various competitive examination and informed them about the procedure and the details .	Electrical
2	12/7/17	BE- 51 , TE-54	Expert Lecture on Education options in Germany		Mr. Amol Kamble, business development officer and Ms Anuja Kale , Senior Counselor at Edu options Germany, Pune gave	



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					information to students about various higher education opportunities in Germany. They also gave information about the prerequisites required for the higher education in Germany. Also informed the students the visa procedure and cost of living there .Discussed about the universities and where they can apply as electrical graduates.	
3	26 July 2017	BE	Project Guidance for BE Electrical students:	Mr. Yadnesh Ambekar, Trident Software Pvt Ltd..	Software Simulation, Hardware Prototype Industry requirements in Electrical domain	Electrical
4	31st July 2017	TE Electrical - No. of students: 45	Entrepreneurship Development- Expert Lecture	Mr. Sagar Bendre Alumni, Recipient of Fellowship of SBI youth for India M-9762818661	Entrepreneurship Development- Expert Lecture	Electrical



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5	01/09/17	SE/TE/BE IE(I) PUNE LOCAL CENTRE	Sustainable Energy	Mrs. Medha Despande (Director, Buisness Unit Head , Yardi Pvt.Ltd )	How is sustainability measured in terms of ESG (Environmental, Social, Governance) was discussed. She also focused on the various companies of India such as SEBI, ONGL, TCS, WIPRO who are already working towards sustainability. She also focused on PARIS  CLIMATE AGREEMENT and the details of it .	Electrical
6	14/9/17	Staff	IE(I) membership details and benefits	DR.S . MAJID ALI (DIRECTOR , IE(I) ,KOLKATA	DR.S . MAJID ALI addressed the staff regarding the various IE(I) membership details and benefits	Electrical
7	18/9/17	BE ( Electrical )- 9 TE ( Electrical )- 21 ,SE (Electrical I) -22		Mr Sidwadakar proprietor	Mr Sidwadakar discussed following points Why Energy Saving? Saving Potentials @ Home,Lighting, Fans ,Air Conditioners Kitchen Appliances such as mixers , Microwaves ovens , Electric stove ,	Electrical



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					Refrigerator , Washing machines Electronic Devices such as Computers / Laptops Potential of Energy Saving in Industry	
8	19/09/2017	BE/TE/SE	CAREER AND STRESS MANAGEMENT	1) PRASHANT MADHUKAR PUPPAL Professional Experience § Specialization in Project Management & Career Management 2)RUTUJA BELSARE Career Counselor and a founder member of CMTRC	Following are the key highlights of the presentation of Project Create 1) Steps to become a Future Ready Graduate 2) 4th Industrial Revolution: Opportunities and Challenges	Electrical

## WORKSHOP

Sr No	Date	Class	Topic	Resource person	Module description	Department
01	04/09/17	TE	PCB DESIGN AND FABRICATION	Mr.Prashant Mahajan Mr.Kiran Belle and Mr.Vinit Trinagarwar	Following are the key highlights of the presentation of Project Created : PCB DESIGN AND FABRICATION	Electrical



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02	11th Sept17 to 15th Sept.2017	BE Stude nts 40	One week workshop on PLC & SCADA	Mr. Omprakash Barure Director- Services & Training Ditap-V Automation Pvt. Ltd. Pune	PLC Fundamentals Advanced PLC functions Ladder diagram programming Temperature sensing, monitoring and control ling. SCADA PLC and SCADA Interfacing SCADA Screen development	Electrical
03	25-26 Sept 2017	SE Electri cal 71 stude nts	Electronic Components Identification, Testing and Applications” Hands on workshop for SE Electrical	1. Prof. H P Chaudhari (Head, Instrumentation Dept.), 2. Prof. S M Bedre (Asst Prof. Instrumentation Dept.)	1) Usage of Multimeter, Power supply, Batteries, breadboard 2) Testing, experimentation and applications of: Ceramic resistors, metal film resistors, pot, trimmer, varistor, SMD resistors . 3) Electrolytic, ceramic, myla, tantalum, super capacitors. Npn, pnp TRANSISTOR identification and testing. Diode(low power, schottky, fast switching) 4) testing and applications LED, Photodiode, LDR testing and circuit building. 5)Demonstration of power electronic components SCR, TRIAC, DIAC,MOSFET, IGBT,TRANSISTOR etc.	

### Extracurricular activities

Sr.	Date	Class	Topic	Resource person	Module description	Department
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No						
1	26th June 2017	SE Electrical.	Quiz Activity	--	Students participated in quiz which was designed on the basis of Electrical ,Technical,General knowledge topics:	Electrical
2	18/07/17	SE/TE/ BE Electrical Students.	Debate competition	T& P Co-ordinator, Elect Dept. ( Mrs. S. S. Landge.)	Topics for debate: 1.Do we really need smart cities? 2.GST Bill: Pros and Cons 3.Concept of Smart Cities 4.Merits and demerits of cashless economy	Electrical
3	21/08/2017	SE- 39 ,TE -41, BE-40	Akshay Urja Diwas Celebration	Mr. K. D. Shinde , GM –MEDA	The department of electrical engineering celebrated the Akshay Urja Divas on 21st August 2017 . Mr. K. D. Shinde , GM – MEDA was invited as the speaker to share his views on solar policies in India . Mr. Santosh Patni, Deputy Executive Engineer, Mahavitrans also spoke with the students and motivated the students to conserve energy .	Electrical
4	22/08/17	SE/TE/ BE Electrical Students.	GD competition		Topics for GD: 1.Increasing number of Engineering colleges is a boon to society.	



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					2.Should we change present system of education? 3.Hard work or smart work – which is important?	
5	23/08/17	SE/TE/BE	Rag to Riches	Mr. Mahajan P.P. and Mr. Asarkar S.A.	These activities were conducted under Enthusia .Students organized these activities and interdisciplinary participation was also allowed .	Electrical
6	22/08/17	SE/TE/BE	Technical Troubleshooting			
7	24/08/17	SE/TE/BE	Technical Quiz			
8	24/08/17	SE/TE/BE	Technical Treasurehunt			
9	24/08/17	SE/TE/BE	Bomb Squad	P.P.Mahajan		
10	24/08/17	SE/TE/BE	Technical Crossword	--		
11	11/ 09 /17 and 14 /09 /17	SE	ELECTROFUNDA	Dr. Majid Ali (DIRECTOR ,IE(I), Kolkata) Prof. S.M Chaudhari , Prof.K.S Gadgil , Prof.A.D Shiralkar , Prof.P.P Mahajan	Students of SE Electrical Engineering department of AISSMS Institute of Information technology demonstrated various fundamental laws of electrical engineering	



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					with the help of prototypes and chart . The event was judged by Dr. Majid Ali (DIRECTOR ,IE(I), Kolkata )	
12	15/9/17	staff	Engineers day celebration	--	Engineers day was celebrated by conducting various activities such as technical jigsaw puzzle, crossword , rapid fire round etc. staff were divided into groups and then the activities were conducted .	Electrical
13	18th Sept to 25th Sept	SE/TE/BE BE -11 ,TE -30 SE-7	Creating awareness about energy conservation and Electrical safety in school premises		The department had organized a drive for creating awareness about energy conservation and electrical safety in school premises. Student from SE, TE, BE had participated in this activity.	Electrical

## 2017-2018 SEM II

### Curricular activities

Sr. No	Date	Class	Topic	Resource person	Module description	Department
1.	21/12/17	TE and SE	Video Lecture On Construction Of Transformer	Ms. V.P Kuralkar	All students of TE and SE electrical present in the class were shown video on transformer manufacturing and working especially core type distribution transformer .	Electrical



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2.	11/01/18 12/01/18 And 17/01/18	BE	High Voltage Engineering- Group Discussion & Presentation	Mrs. S.M.Shaikh.	All students present in the class were divided in groups. Each group was asked to read and discuss theories of breakdown for solid and liquid dielectric. After giving sufficient time for preparation, each group was asked to come and present their theory to the class.	Electrical
3.	24/01/18 to 25/01/18	SE/TE/BE	Power Quality and Energy Audit ISBM School of Technology, Nande.	Mr. YogendraTalwar e	Under this activity, our college team conducted power quality and energy audit at ISBM School of Technology, Nande. Our college team was accompanied by STROM Energy team. SE, TE and BE students got exposure of Supply distribution system, transformer and DG Sets, Capacitor bank, APFC panel, etc. Our Students and staff studied and observed the load requirement, major equipment's required, load variations, earth resistance, etc. at ISBM with the help of Power Quality Analyser and Megger. Students got well deserved technical exposure by this activity. A team of total 09 students from SE, TE and BE class and 2 staff members had participated in this activity. This activity was very knowledgeable for students as well as staff members.	Electrical
4.	29/01/18 to 31/01/18	SE/TE/BE	Power Quality Audit. Lonavala Industrial Estate.	Mr. YogendraTalwar e	Under this activity, our college team conducted power quality audit at various industries in Lonavala industrial estate. Our college team was accompanied by STROM Energy team. SE and TE students got exposure of various industries like	



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					plastic moulding industries, transformer manufacturing industry, Oil and paints industry, Ice cream industry, etc. Our Students and staff studied and observed the load requirement, major equipment's required, load variations, earth resistance, etc. of all these industries by using Power Quality Analyser and Megger	
5.	07/02/2018	TE	Self learning activity ( Types of AC winding for transformers )	Ms. V.P Kuralkar	Third year students were given the task to explain and present the various types of windings used in transformers . Students explained the concept and then they had a discussion on the same .	Electrical
6.	28/02/18	Mr. S . Asarkar  Mr. U . Waikar	Power Quality and Energy Audit. AMDOCS, Magarpatta, Pune.	Mr. S. V. Shelar , Subodhan Capacitors team	Under this activity, our college team conducted power quality audit at AMDOCS, Magarpatta, Pune	Electrical
7.	04/03/18 to 11/03/18	--	<b>Power Quality and Energy Audit. Torrent Pharmaceutic als Ltd. Sikkim.</b>	Mr. Uddhav Waikar	Under this activity, our college team conducted power quality and energy audit at Torrent Pharmaceuticals Ltd., Sikkim. Our college staff was accompanied by Subodhan Capacitors member. Mr. UddhavWaikar from our college got exposure of Supply distribution system, transformer and DG Sets, Capacitor bank, APFC panel, etc. Our staff studied and observed the load requirement, major equipment's required, load variations, earth resistance, etc. at Torrent Pharmaceuticals Ltd.,	Electrical



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					Sikkim with the help of Power Quality Analyser and Megger. A team of total 02, one from our department and other from Subodhan Capacitors had participated in this activity. This activity was very knowledgeable for staff members.	
8.	13/03/18	TE	HARMONIC MITIGATION TECHNIQUES OF AN ALTERNATOR AND ITS DESIGN	Pranali Bagal , Ajinkya Dani and Supriya Salunkhe	BE students briefed the TE students about their sponsored ( CUMMINS INDIA PVT. LTD . ) project HARMONIC MITIGATION TECHNIQUES AND DESIGN OF AN 100 KVA ALTERNATOR . The design was developed in the software which was discussed and explained to the TE students .	Electrical
9.	14/03/18	BE	High Voltage Engineering- Video Lecture	Mrs.S.M.Shaikh	All students present in the class were shown video on Tesla Coil. How it works and how can a prototype of Tesla Coil be made at home	Electrical
10	22/03/18	SE/TE/BE	TECHNICAL PAPER PRESENTATION	Ms. V.P Kuralkar	Entries were invited for technical paper presentation from SE / TE / BE . Students were briefed about the rules and regulations beforehand . . Students were required to submit the paper and then present the paper . The activity was judged on the basis of technical content , relevance to the topic , question and answer session etc .	Electrical
11	26/03/20	BE	Model making	Mr.S. Shingare	Our mission is to carve	Electrical



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	18		competition		<p>multidimensional developed students with skills and knowledge and to create awareness of the latest developments and technology among the students so as to make them confident while facing the challenges of this competitive &amp; global world. The College is imparting education with a goal to strive for academic excellence and overall development of personality of our students.</p> <p>Students of BE Electrical were asked to make the model of their project ideas. Students take part in this activity. They present project models and information related to the project.</p> <p>This activity is useful for junior students to know the different ideas of the project as well as how to present project work.</p>	
12	02/04/18	TE	Mock Technical Interview	Mr.Puranik	Technical interview for TE students were conducted so as to provide them an exposure towards how interviews are conducted and how they should prepare for the same .	Electrical

## VISITS

Sr. No	Date	Class	Topic	Resource person	Module description	Department
01	22/12/17	SE and TE	Industrial Visit of TE Electrical to Manisha Engineers Pvt. Ltd , PUNE	Mr. S.T Kulkarni	The unit is basically into the production of single phase and three phase core type distribution transformers. The detailed construction , assembling procedures were being explained to the students . Students understood	Electrical



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					the procedure of designing a three phase core type distribution transformer .	
02	25/01/18	TE	HVDC Terminal Station, Padghe, Thane	Mr.Sunil Shenava	TE Electrical & ME Electrical Classes along with five faculty members have visited HVDC Terminal Station, Padghe, Thane. The Chandrapur– Padghe HVDC transmission system is an HVDC connection between Chandrapur and Padghe. The project has a 752 kilometres long bipolar overhead line. The transmission voltage is $\pm 500$ kV and the maximum transmission power is 1,500 megawatts.	
03	03/02/18	TE	STROM ENERGIE PVT. LTD. Mayur colony, Pune	Mr. Yogendra Talware	Understanding the Importance of Energy Bill and technical terms included in bill". From this activity we got the knowledge of bill	





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					parameters and how we can reduce our bill amount by consuming required amount of energy. A team of 12 students from TE class had participated in Electricity Bill Analysis Activity. This activity was very knowledgeable for students as well as staff members	
04	15/02/18	BE	Sakal Printing Press, Urali Devachi, Pune	Mr. Sandeepkumar Kale.	students get knowledge about the drives used for various printing processes and the knowledge about printing process	Electrical
05	16/02/18	SE	Ganesh Khind Substation , Pune	Mr. Ghadge	Students got overview of the single line diagram of the substation and substation equipments which were useful for understanding theoretical concepts.	Electrical
06	27/02/18	BE	MAHADISCOM Testing and Quality Assurance Laboratory (Major Stores A&B) Phursungi		Meter Testing Unit worth 1.5 crores –can test single phase residential meters, cogeneration meters, industrial meters etc. 20 meters can be tested at	Electrical



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					one time. 2. Cable testing- measurement of cable resistance.	
07	23/03/18	TE	Railway's Traction Sub-station at Khadki	Mr. Santosh kumar	Students got overview of the single line diagram of the substation and substation equipments which were useful for understanding theoretical concepts.	Electrical
08	28/03/18	BE	MAHATRANSCO 220 kV GIS Kondhwa Sub-Station	Mrs. Amruta Chitale	BE Electrical Class along with two faculty members have visited MAHATRANSCO 220 kV GIS Kondhwa Sub-Station, Pune. In this visit Students got the practical exposure to the Switchgears such as Lightning Arresters, Wavetrap, SF6 CB, Isolators etc. They also got idea about GIS substation. Information given to students regarding modern compact substation (GIS).	Electrical



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## EXPERT LECTURES

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1	02/02/18	TE	FEM Based Electromagnetic Analysis Software ( Ansys Maxwell )	Mr. Ghanshyam Ambekar , Application Engineer , Entuple Technologies Pvt Ltd Phn: 9960485866	ANSYS Maxwell is the premier low frequency electromagnetic field simulation software for engineers tasked with designing and analyzing 2-D and 3-D electromagnetic and electromechanical devices, including motors, actuators, transformers, sensors and coils.	Electrical
2	13/03/18	BE	Generation of Impulse Voltage and Impulse Current	Dr.K.K. Puranik	Dr.K.K.Puranik explained students about Impulse voltage and impulse current characteristics and also explained the method of generation of the same.	Electrical
3	21/03/18	BE/TE	Art Of Reading Electricity Bills, Active And Reactive Power	Mr. Yogendra Talware	Mr. Yogendra Talware had shared his briefed about details of reading Electricity bills with every single concept. He also added the importance of Active and Reactive power.	Electrical
4	26/03/18	SE	Expert Lecture on Importance and Preparation of competitive exams	Mr. Amol Dubal	He informed the students the importance of giving competitive exams. He told the students how	Electrical



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					preparing for GATE is required to be started from third year itself to get admission in reputed institute . He also shared his views on getting academic results so maintaining an aggregate of 60% required for Campus placement. Students got to interact with their senior and were happy about the same .	
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### WORKSHOP

Sr · N o	Date	Class	Topic	Resource person	Module description	Depart ment
01	09 /02/18	TE	Workshop conducted for TE-Electrical on “Arduino: Handson Training & Sensor interfacing”	Prof S. V Shelar Prof. P. P Mahajan	This workshop is intended to give a hands-on experience on concepts of  Introduction to Arduino and IDE , Practical session on Arduino software , Sensor Interfacing, I/O port access	Electrical



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02	10 /02/18	TE	Workshop conducted for TE-Electrical on “Electrical Appliances and Fault Diagnosis”	Mrs. Sujata Powniker , Mr. U B Waikar and Mr. S N Pawar	This workshop is intended to give a hands-on experience on concepts of Introduction to Electrical wiring . Practical session on MCCB, Contactor, MCB, RCCB wiring . Single phase stator winding of Fan, Grinder, Exhaust fan . Switch Fuse unit connection .	Electrical
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### Extracurricular activities

Sr. No	Date	Class	Topic	Resource person	Module description	Department
1	05/04/18	SE	Quiz Activity on Solar Photovoltaic's and Net Metering for SE Electrical	Ms. Goyal R. Awagan, Mr. Bhushan Deotale	The department had organized a Quiz Competition on Solar Photovoltaic's and Net Metering concepts on 05 April 2018 from 1pm-2pm. Students from SE Electrical had actively participated in this activity. The topics covered under this quiz are photovoltaic materials and electrical characteristics, photovoltaic systems and Net metering for Solar Roof top plants	Electrical



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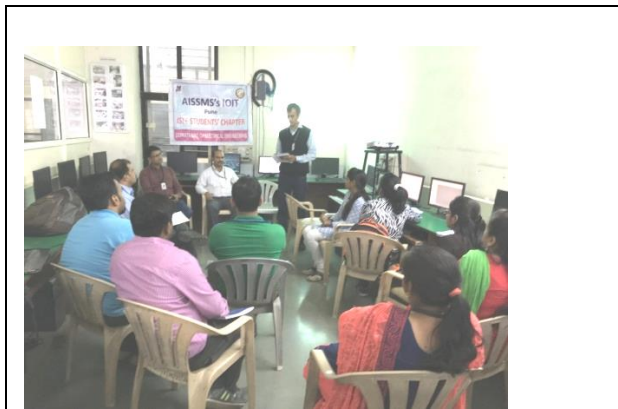


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2	19/2/18 to 15/3/18	TE	<b>ENERGY CONSERVATION DRIVE</b>	Staff Coordinator : Mrs. N.M.Rao Student coordinator: Sayali Ghodke.	Student of TE electrical are divided into group of 5 , and visited various commercial and residential premises. They explained various energy conservation techniques to reduce energy bill.	Electrical
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Introduction of Workshop contents by S.M.Chaudhari



Felicitation of speaker Dr.Mushrif Joshi

### HANDS ON TRAINING ON LaTeX – FOR ME ( POWER ELECTRONICS AND DRIVE ) STUDENTS

#### Brief Report :

LaTeX is a document preparation system. It is a high-quality typesetting system; it includes features designed for the production of technical and scientific documentation. LaTeX is the de facto standard for the communication and publication of scientific documents. It is an effective tool for engineering graduates and post graduates for writing their seminar and project reports . With this objective in mind a hands on training session on LaTeX was conducted under the IE(I) students' chapter .

ME students were briefed about the LaTeX ( report writing software ) . Dr.Mushrif Joshi conducted the workshop . Hands on training were given to the students.



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Affiliated to Savitribai Phule Pune University, Approved by AICTE,  
New Delhi and Recognised by Govt. of Maharashtra  
(ID No. PU/PN/ENGG/124/1998)

**Accredited by NAAC with 'A' Grade**



Organized By : Mr.S.M Chaudhari

Participants: ME Students (10)

staff members-1. Mr.S.M Chaudhari 2 . Mr. Prasant Mahajan 3. Mr.S.V Shelar



Students giving their presentation at Shrimati Shantabai Balkrushna Dhole Patil School., Pune .



Students giving their presentation after completing the activity in schools

Brief Report :: The department had organized a drive for creating awareness about energy conservation and electrical safety in school premises. Student from SE, TE, BE had participated in this activity. The students had to form a group of two to five students and visit the school premises suggested by staff. The schools which the students visited are SSPMS Day School Pune, MGM English medium School, Cyrus Poonawla School Urli Kanchan , NMV high school, SSPMS military school , Shrimati Shantabai Balkrushna Dhole Patil School, PDEA's English medium school .

The group made use of display material like charts, handouts, ppts focusing on key areas for conservation techniques and safety.

The key areas for conversation included were Indoor lighting system, fan, motive power, lifts, staircase wiring, parking area lighting, refrigerator, a/c, heater, geyser, computer, music system, kitchen equipments- mixer, food processor, microwave, LPG etc.



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The activity was organized under the guidance of Mr. S. M. Chaudhari, Head of department and Mrs. K. S. Gadgil, coordinator

Number of participants :BE -11 ,TE -30 SE-7

Conducted by : Mrs. K. S. Gadgil



Brainstorming- students writing their view on maintenance.



Brainstorming- Students writing their view about maintenance

Brief Report :

All students present in the class were asked to write anything that comes to their mind about maintenance and then the concept of maintenance was discussed.

Activity was conducted by Mrs.S.M.Shaikh.

No of Participant: TE Class (53 students)