



Shri. Shamrao Patil (Yadravkar) Educational & Charitable Trust's

# Sharad Institute of Technology Polytechnic, Yadrav, Ichalkaranji.

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“News Letter”

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Electrical Engineering Department (2014-15)

Vol.: 01 Issue: 01 (2014-15)

## *Hon. Ex. Director's Message:-*



Mr. Anil A. Bagane

I cordially pass on good wishes to all stakeholders and faculties of Electrical engineering department for their benevolent initiative to embark on newsletter. Maiden newsletter of Electrical Engineering Department is carnival of student's versatile achievement and various measures which entail proper trade fair in form of news letter to enrich their appetite of composition skills. Present edition is cherished with manifold events and activities conducted during last 2 semesters. Finally I anticipate that series if news letter will prove to be the fountain head of knowledge in the days to come and will be short hand for comprehensive acknowledgment.

## *Principal's Message:-*



Mr. B.S. Tashildar

I feel very much pleased to know that department of Electrical Engineering is coming out with its maiden newsletter to provide a platform for student's creativity which they display in departmental events. I express my best wishes to their novel initiative to enhance the departmental performance by providing new foundation to achievements of students and faculty. I wish that they will carry on publication on flag shipping their deeds in newsletter.

## ***HOD's Message:-***



**Mr. C.S. Rawal**

I am proud to be a part of Electrical Sector. The major thrust in the field of electrical engineering curriculum is principles and detailed analysis of different types of equipments and systems for generation, transmission, distribution and utilization of Electrical Energy. The Electrical Engineer needs to study electronic devices and circuits involved in measurement, instrumentation, control and protection of Electrical equipments and conversion systems. Concepts of computer and recent applications of computer based systems in design, Assist the engineers to analyze power system and switch gear.

To meet above requirements the curriculum of Electrical engineering has effectively augmented with many advanced subjects like, circuit analysis and Electrical machine, power electronics and power systems. To study these subjects the department has well equipped laboratories like Electrical & Electronics Measurement, Power Electronics catering to the development of experiments and projects.

The department was established in the year 2010-11 with an aim of developing human resources in the area of Electrical Engineering. We have experienced and qualified faculty in various areas such as power systems, power electronics, energy systems etc. The other important features of the department are individual counseling of students for academic performance, additional coaching classes for important subjects for lower semesters, Soft skill development classes, scientific and student centered teaching- learning process etc

As the part of industry institute interaction, industrial visit were conducted at Traction Locomotive Shed, Kalyan, Thane, Regen Powertech Pvt. Ltd Karad, MSETCL Tilawani, Varnavati dam Krishna Khore, L&T training centre Pune, Indutch Electricals & Electronics Pvt. Ltd. Kupwad, Sangli, Sharad Sugar Factory, Narande,. Also the department arranged guest lectures on topic also topic on "Industrial Automation" by Mr. Shrihari Gulvani, Micro- Log System Tech Pvt. Ltd, Kolhapur etc.



## ***Vision:-***

"To be a leader in developing competent Electrical Engineer to serve for the betterment of society"

## ***Mission:-***

M-1: Imparting technical knowledge through effective teaching – learning process

M-2: Nurturing skills & attitude in students to excel in their profession

M-3: Creating awareness about social responsibilities with ethical values

## ***Strengths:-***

- **Better teaching methods reflecting on result, those are always higher.**
- **Long term collaboration between expert teams and industry.**
- **Extra curricular activities.**
- **Well equipped laboratories.**
- **Teacher guardian scheme.**

## ***Opportunities:-***

- **Many job opportunities at government sector.**
- **Has many opportunities at industries.**
- **Self employment.**

## List of Staff Members:-

Sr. No.	Name of Staff Members	Designation	Qualification
1.	Mr. Chetan S. Rawal	Lecturer	D.E.E., B.E. (ELE), M.E. (Power System)
2.	Mrs. Ashwini A. Kekare	Lecturer	D.E.E., B.E. (ELE), M.E. (APPE.)
3.	Ms. Rachana R. Patil	Lecturer	B.E. Electrical & Electronics
4.	Mr. Pravin A. Thorat	Lecturer	B.E. (ELE), M.E. (APPE.)
5.	Mr. Mazharhussain N. Mestri	Lecturer	B.E. (ELE), M.E. (APPE.)
6.	Ms. Supriya M. Patil	Lecturer	B.E. Electrical
7.	Mr. Asif L. Jamadar	Lecturer	D.E.E., B.E. (ELE), M.E. (APPE.)
8.	Mrs. Suchitra V. Khot	Lab Technical Assistant	Diploma in Electrical Engineering
9.	Ms. M.B. Powar	Lab Technical Assistant	Diploma in Electrical Engineering
11.	Mr. Sukumar M. Chougule	Peon	12 <sup>th</sup> (Arts)



Mrs. A.A. Kekare



Ms. R.R. Patil



Mr. P.A. Thorat



Mr. M.N. Mestri



Ms. S.M. Patil



Mr. A.L. Jamadar



Mrs. S.V. Khot



Ms. M.B. Power



Mr. S.M. Chougule

Engineering is the art of directing the great source of power in nature for the use & convenience of man.

-Thomas Tredgold.

# History of Electrical Engineering:-

**600 BC**

The Ancient Greeks found that pieces of amber rubbed with silk could pick up straw. They had unknowingly discovered static electricity.



**1752 AD**

Benjamin Franklin experimented by flying a kite in a storm, a very dangerous experiment. He proved that lightning is a form of electricity.



**1800 AD**

Alessandro Volta invented the first battery. The unit of electrical force, the volt is name after him.



**1831 AD**

Michael Faraday was the first to generate current electricity on a practical scale. Faraday discovered that when a magnet is moved inside a coil of copper wire, a tiny electric current ran through the wire.

**1879 AD**

Thomas Edison was a famous American inventor. He was responsible for inventing the first light bulb.



“World changes every day.. Be part of this change.”

Mahmoud Reda  
www.mahmoudreda.com

## Faculty Achievement:-

Sr. No.	Faculty Name	Achievement Details	Date / Volume & ISBN / ISSN No.
1	Mr. C.S. Rawal	<b>Paper Published</b> Title of paper: "An AC-AC Converter for doubly fed induction generator driven by Wind Turbine."	December, 2014. Volume 4 ISSN 2250-3153.
2	Mr. A.L. Jamadar	<b>Paper Published</b> Title of Paper: "V/F speed control of 3 Phase induction motor using space vector"	May, 2015. Volume 4 ISSN 2278-0181

## Sports Achievement by Students:-

Sr. No.	Name of Student	Sports	Achieved
1	Mr. Abhinandan A. Patil	Zonal Sports (Shot Put)	Winner
2	Mr. Sameer M. Ajagekar	Zonal Sports (Weight lifting)	Winner
3	Mr. Abhijeet D. Jaytalkar	Zonal Sports (Triple Jump)	Runner Up
4	Mr. Shubham S. Kumbhar	Zonal Sports (Cricket)	Runner Up
5	Mr. Abhijeet D. Jaytalkar	Zonal Sports (Kho-Kho)	Winner
6	Mr. Dhiraj Desai	Zonal Sports (Kho-Kho)	Winner
7	Ms. Ashini Bongarde	Zonal Sports (Kadaddi)	Runner Up
8	Mr. Kiran Patil	Proex 2K14	Winner

Winner compare their achievements with their goals while losers compare their achievements with other people.

-Nido Qubein.

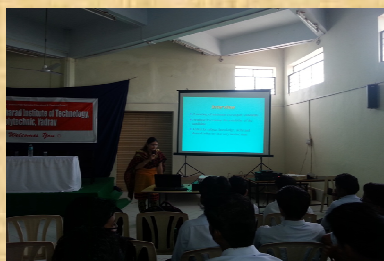
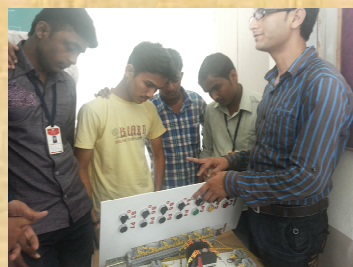
## Students Achievements in Events:-

Sr. No.	Name of Student	Event	Price won
1	Ms. Supriya Patil Ms. Pratiksha Sunagar	Ornate 2K14 (Paper Presentation)	2nd
2	Mr. Dheeraj Desai Mr. Shubham Kumbhar	Ornate 2K14 (Movie Making)	2nd
3	Mr. Abhijeet Khanvilkar Mr. Sandesh Pantoji Mr. Abdul Khatib Mr. Shubham Sutar Mr. Rahul Jadhav Mr. Vaibhav Patil	Ornate 2K14 (Contraption)	2nd
4	Mr. Suraj Parvate Mr. Sourabh Nawale Mr. Shubham Kumbhar Mr. Dheeraj Desai Mr. Shubham Ambi Mr. Deepak Rathod	Ornate 2K14 (Contraption)	3rd



## Extra Activities in Department:-

<b>Sr. No.</b>	<b>Name of the Event</b>	<b>Targeted Audience</b>	<b>Speaker (Guest)</b>	<b>Date</b>
1.	Technocrat 2K14 (Project Competition)	All Electrical Students	Mr. A.D. Mankapure	11/03/2014
2.	Ornate 2K14	All Electrical Students	Mr. R.S. Madiwal	17/09/2014
3.	Workshop on PLC	TY Electrical Students	Mr. Ragvindra Katti	3/09/2014
4.	Guest Lecture on Thermal Power Plant	SY Electrical Students	Mr. Arvind Paranjape	23/09/2014
5.	Guest Lecture on Interview Techniques	SY & TY Electrical Students	Mrs. Prajakta Chougule	11/09/2014
6.	Guest Lecture on Energy Conservation & Audit	TY Electrical Students	Mr. Sanjay P. Gawade	25/09/2014
7.	Guest Lecture on Industrial Automation	TY Electrical Students	Mr. Shrihari Gulvani	14/08/2014
8.	Guest Lecture on Industrial Automation	TY Electrical Students	Mrs. Aditi Kulkarni	21/02/2015
9.	Guest Lecture on Transmission & Distribution	TY Electrical Students	Mr. R.G. Bhosale	03/01/2015



The greenest power is the power you don't have to produce, you need to save it.

## Visits Conducted by Department:-

<b>Sr. No.</b>	<b>Name of Industries</b>	<b>Targeted audience</b>
1.	Hydro Power Plant, Chandoli.	SY Electrical
2.	Regen Power Tech, Mayani, Vita.	SY Electrical
3.	Sharad Sugar Factory, Narande.	SY Electrical
4.	MSEDCL, 33/11 KV, Sangli.	SY Electrical
5.	Power Engineers, Kolhapur.	SY Electrical
6.	Welding Techniques, College Workshop, SITP Yadrav.	TY Electrical
7.	L&T Training Centre, Pune.	TY Electrical
8.	Traction Locomotive Shed, Kalyan, Thane.	TY Electrical
9.	Ravi Motors, Yadrav.	TY Electrical
10.	Hydro Power Plant, Radhanagri & Dudhganga.	TY Electrical
11.	Gomtesh Cold Storage, Sangli.	TY Electrical
12.	Shakti Irrigation, Ichalkaranji.	TY Electrical



MSEDCL, 33/11 KV, Sangli.



Hydro Power Plant, Chandoli.



Sharad Sugar Factory, Narande.



Traction Locomotive Shed, Kalyan, Thane.



L&T Training Centre, Pune.

## List of MoU (Memorandum of Understanding):-

Sr. No.	Name of Organization	Interest for MoU Work Carried Out
1.	Ravi Motors, Yadrav, Ichalkaranji.	Industrial Visit
2.	Shree Datta Motors, Ichalkaranji.	Industrial Visit
3.	Shakti Irrigation Pvt. Ltd., Ichalkaranji.	Industrial Visit
4.	Microlog System Pvt. Ltd., Kolhapur.	Guest Lecture & Workshop.

## TY Electrical Students Results in 2014-15:-

### ⊗ RESULT OF T.Y. ELECTRICAL WINTER 2014-15:-

Sr No.	No. of Students Appeared	No. of Students Passed	No. of Students Fail	% Result With ATKT
1.	50	33	03	94.00%

### • CLASS TOPPERS:-

Sr No.	Name of Student	Percentage
1.	Mr. Sourabh D. Nawale	87.18%
2.	Mr. Chetan S. Bongarde	85.53%
3.	Mr. Sameer M. Ajagekar	83.22%

### • SUBJECT TOPPERS:-

Sr No.	Name of Student	Subject	Marks
1.	Mr. Chetan S. Bongarde Mr. Sameer M. Ajagekar Mr. Shumbham S. Kumbhar	ECA	90
2.	Mr. Chetan S. Bongarde	IES-II	87
3.	Mr. Chetan S. Bongarde	SAP	80
4.	Mr. Sourabh D. Nawale	MAA	84
5.	Mr. Sourabh D. Nawale	ACM	85

⊗ **RESULT OF T.Y. ELECTRICAL SUMMER 2014-15:-**

<i>Sr No.</i>	<i>No. of Students Appeared</i>	<i>No. of Students Passed</i>	<i>No. of Students Fail</i>	<i>% Result Without ATKT</i>
1.	50	49	01	98.00%

• **CLASS TOPPERS:-**

<i>Sr No.</i>	<i>Name of Student</i>	<i>Percentage</i>
1.	Mr. Sourabh D. Nawale	85.13%
2.	Mr. Sameer M. Ajagekar Ms. Swati C. Shingare	82.13%
3.	Mr. Chetan S. Bongarde Ms. Rajrajeshwari L. Vhanabatte	81.63%

• **SUBJECT TOPPERS:-**

<i>Sr No.</i>	<i>Name of Student</i>	<i>Subject</i>	<i>Marks</i>
1.	Ms. Shraddha S. Dalavi Mr. Komal A. Pachore	MAN	39/50
2.	Mr. Komal A. Pachore	TME	83
3.	Mr. Dhiraj N. Desai Mr. Sameer M. Ajagekar	PEL	86
4.	Mr. Suraj R. Parit	ILE	74
5.	Mr. Sourabh D. Nawale	EIA	87



# SY Electrical Students Results in 2014-15:-

## ⊗ RESULT OF T.Y. ELECTRICAL WINTER 2014-15:-

Sr No.	No. of Students Appeared	No. of Students Passed	No. of Students Fail	% Result With ATKT
1.	70	36	21	70.00%

## • CLASS TOPPERS:-

Sr No.	Name of Student	Percentage
1.	Ms. Pallavi M. Nandagave	93.29%
2.	Mr. Aniket A. Aitawade	90.59%
3.	Ms. Pooja A. Patil	89.53%

## • SUBJECT TOPPERS:-

Sr No.	Name of Student	Subject	Marks
1.	Ms. Pallavi M. Nandagave Mr. Aniket A. Aitawade	APM	100
2.	Ms. Pallavi M. Nandagave	BEX	83
3.	Mr. Aniket A. Aitawade	EEM	90
4.	Ms. Pallavi M. Nandagave Mr. Aniket A. Aitawade Ms. Pooja S. Dalavi	ECN	100
5.	Ms. Pooja A. Patil	EPG	90



The starting point of all achievement is desire.

⊗ **RESULT OF T.Y. ELECTRICAL SUMMER 2014-15:-**

<i>Sr No.</i>	<i>No. of Students Appeared</i>	<i>No. of Students Passed</i>	<i>No. of Students Fail</i>	<i>% Result With ATKT</i>
1.	70	45	05	92.85%

• **CLASS TOPPERS:-**

<i>Sr No.</i>	<i>Name of Student</i>	<i>Percentage</i>
1.	Ms. Pallavi M. Nandagave	84.41%
2.	Ms. Pooja A. Patil	84.59%
3.	Ms. Pooja S. Dalavi	84.12%

• **SUBJECT TOPPERS:-**

<i>Sr No.</i>	<i>Name of Student</i>	<i>Subject</i>	<i>Marks</i>
1.	Ms. Madhura M. Arwade Ms. Rutuja B. Kadapure	EST	34/50
2.	Ms. Pallavi M. Nandagave	EME	48/50
3.	Ms. Pooja A. Patil	IIN	78
4.	Mr. Aniket A. Aitawade	DCMT	83
5.	Mr. Vaibhav P. Subhedar	IES-I	80
6.	Ms. Pallavi M. Nandagave	TDE	96



**Campus Through Selected Students:-**



**Mr. Sourabh D. Nawale**  
**SIEMENS INDIA LTD.**



**Mr. Abhaykumar Patil**  
**WIND WORLD INDIA LTD.**



**Mr. Sameer Ajagekar Mr. Ganesh Nikam Mr. Dhiraj Desai Mr. Suraj Parit Mr. Dipak Kambale**  
**BHARAT FORGE, PUNE.**

**Our future is what we build it to be. The jobs & industries of the 21st century will be centered around clean renewable energy.**

***Campus Through Selected Students:-***



**Mr. Rahul Koli**



**Mr. Sachine Gadkari**



**Mr. Sachine Mali**



**Mr. Sushant Kumbhar**

**PRICOL LTD., PUNE.**



**Mr. Suarj Parvate**



**Mr. Sourabh Mane**



**Mr. Dipak Rathod**

**REGEN POWER TECH.**



**Ms. Rohini Somvanshi**



**Ms. Supriya Patil**



**Ms. Archana Patil**



**Ms. Shraddha Dalavi**

**TATA MOTORS, PUNE.**

## Final Year Batch 2014-15:-



# Department of Electrical Engineering

## Sharad Institute of Technology Polytechnic, Yadrav, Ichalkaranji.

**Symbol of Excellence**

[www.sitpolytechnic.org](http://www.sitpolytechnic.org)

[sitpelectrical@gmail.com](mailto:sitpelectrical@gmail.com)

Phone No. 02322-253063



**Faculty Coordinator (Mr. M.N. Mestri):**

We are very glad to publish departments first Newsletter. I am deeply thankful for the efforts taken by department faculty, our students and for support and encouragement of our beloved Exe. Director, the principal and faculty member to put forward this Newsletter. I hope this and upcoming Newsletters will be very knowledgeable and inspirational for student readers.



**Students Coordinator (Mr. S.D. Nawale):**

I am glad and honor to be a chief coordinator of Newsletter committee. I take an opportunity to thank all my faculty, coworkers, students and non teaching staff for their valuable help and support for publishing this Newsletter.

**Committee Members:** Ms. S.M. Patil      Ms. D.R. Babar      Mrs. S.V. Khot  
Mr. Deepak Kambale      Ms. Supriya Patil      Mr. Sachine Mali