



Dec-2018



## Our Inspiration



Smt. Pratibhatai Patil  
Former  
President of India  
&  
Dr. D. R. Shekhawat  
Former Chairman

## Department of Electrical Engineering

**SHOCKWAVES (Newsletter)** Volume-VI, Issue-I



## Industrial Visit

The Final year students have visited to the Jain Irrigation, Jalgaon on 28/07/2018 and Jain Farm Fresh, Jalgaon on 22/09/2018 as a part of their curriculum. Jain farms also own one of the important Biogas Generating station in Maharashtra.

## Orientation Program for First Year

The first year orientation program was held so as to familiarize the newly admitted students with the department and departmental facilities so as to develop their interest in the course. The program was held on 04/08/2018.

### VISION

To emerge as the leading Electrical Engineering department for inclusive development of students.

### MISSION

To provide student-centered conducive environment for preparing knowledgeable, competent and value added electrical engineers.



## FINAL YEAR ELECTRICAL 2014-18 BATCH



Shri. Raosaheb Shekhawat  
Chairman & Managing Trustee

*Today we are together, Tomorrow we may part,  
But the "sweet memories" of yours, Will remain in our heart !*  
**Prof. (Dr.) Paresh J. Shah, Head, Electrical Engineering Department**

### PROGRAM OUTCOMES(POs)

1	<b>Engineering knowledge:</b> Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems
2	<b>Problem analysis:</b> Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3	<b>Design/development of solutions:</b> 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.
4	<b>Conduct investigations of complex problems:</b> 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.
5	<b>Modern tool usage:</b> 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.
6	<b>The engineer and society:</b> 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.
7	<b>Environment and sustainability:</b> Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8	<b>Ethics:</b> Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10	<b>Communication:</b> 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.
11	<b>Project management and finance:</b> 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.
12	<b>Life-long learning:</b> 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.

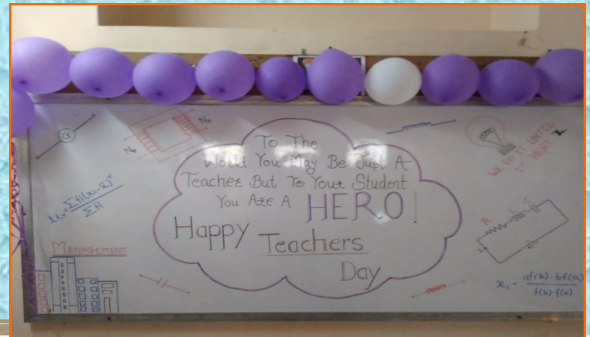
### PROGRAM SPECIFIC OUTCOMES(PSOs)

1	Apply principles of engineering, electronics and computer science; basic science, mathematics (including differential equations, discrete mathematics and linear algebra) and laboratory skills for building, testing, operation and maintenance of electrical systems.
2	Model, analyse, design, and realize physical systems, components or processes related to electrical engineering systems.
3	Be prepared to work professionally in power systems engineering, control systems engineering and software industries.





Organized open day for the interaction with the parents (30/08/2018, 31/08/2018 & 01/09/2018)



Celebration of Teachers' day 05/09/2018

Celebration of Engineers' day 15/09/2018 in Black & White



Tree Plantation on Engineers' day 15/09/2018





### *Workshop organized by Ni Tech , Surat*




Organized one Week add on Course on 'Advances in Electrical Power System' from 10/10/2018 to 14/10/2018 for the final year students of Electrical Engg. This Course was a hands-on - course in which the students were able to know & handle the practical aspects of digital controlled converters & their application in various areas.

### *Workshop organized by kWatt Solutions Pvt. Ltd, Mumbai*

Organized one Week add on Course with kilowatt solutions for the students of Electrical Engg on 07/09/2018 and 08/09/2018. This Course was a hands-on -course in which the students were able to know & handle the practical aspects of solar cells & their applications in various areas.

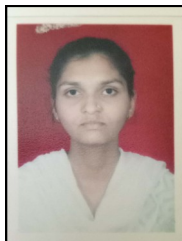


Excellence has two dimensions -  
***"Success & Satisfaction"***

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**RESULT 2018-19, TERM-I UG (As per CGPA)****SE**

1. *Mr. Bhople Pramod Dyaneshwar*
2. *Ms. Rathod Trushali Bharat*  
Ist Topper (8.2)



*Ms. Bhole Bharavi Pravin*  
IIst Toppers  
(8.05)



*Mr. Ikramuddin Aminuddin Shaikh*  
IIIrd Toppers  
(7.9)

**TE**

*Ms. Bororle Ashwini Gajanan*  
Ist Topper (8.96)



*Mr. Zope Paresh Bhaskar*  
IIIrd Toppers (8.91)



*Mr. Suryawanshi Ketan Kiran*  
IIIrd Toppers (8.83)

**BE**

*Ms. Kurkure Shital Shekhar*  
Ist Topper (9.13)






*Ms. Salunkhe Vaishali Nathu*  
IInd Topper (8.96)



*Ms. Damdar Yogita Pundalik*  
IIIrd Topper (8.87)



## Faculty members

	Dr. Paresh J. Shah Professor & Head DOB: 11-08-1967 Mb: 9890094045 shah.paresh@sscoetjalgaon.ac.in Address: Jay, Plot No. 23, Gat No. 28, Muktai Nagar Colony, Jalgaon		Dr. Prashant V. Thakre Professor DOB: 19-07-1970 Mb: 9881015375 thakre.prashant@sscoetjalgaon.ac.in Add: 104, Professor Quarter, SSBT, COET, Bambhori, Jalgaon		Vijay S. Pawar Associate Professor DOB: 08-04-1971 Mb: 9421637700 Pawar.vijay@sscoetjalgaon.ac.in Add: 52, Shankarappa Nagar, Pimpkala, Jalgaon
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	Kiran S. Dasre Peon DOB: 02-02-1968 Mb: 9860819695 Add: Shri Sawami Samarth Colony Plot No.18C, Nimkhedi Shivar, Jalgaon	<b>News Letter Committee</b>			
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		Students Coordinator :Ms. Smita Sharma (BE)			
		Mr. Swapnil Joshi( TE )			

## Achievements

- Congratulations to Kumbhar Kajal Ishwar (SE Electrical) for securing 3rd prize in **Poster Presentation** held at National Space Society (USA), Nashik in association with Maratha Vidya Prasarak Samaj, Nashik with the title "Space Solar Power".
- Electrical Department got the grant for PG Research Laboratory.
- Congratulations to Mrs. Bipasa B Patra (Assistant Professor) for completing her 2nd M Tech in Electrical Power System with 8.6 CGPA.

## Co curricular

- Ms. Deepshikha Chavan Delivered a Lecture on Career Opportunities on 4th September 2018.
- PLC Workshop held successfully on Industrial Automation between 25th to 31st October 2018.
- Spiritual lecture delivered by Brahma Kumaries.



Dr. K. S. Wani  
Principal



Dr. G. K. Patnaik  
D. O. A.



Dr. P. J. Shah  
HEAD