

Our Inspiration



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

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.



Shri. Raosaheb Shekhawat
Chairman & Managing Trustee

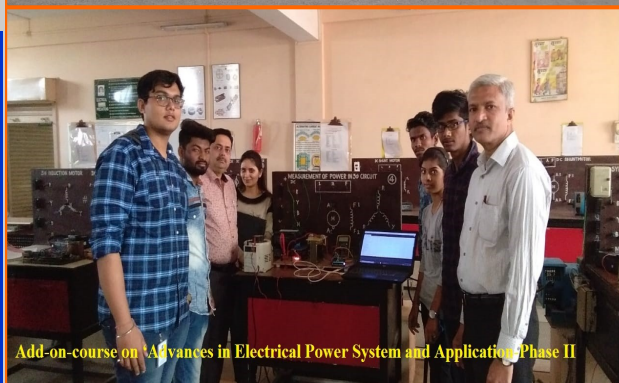
Department of Electrical Engineering

SHOCKWAVES (Newsletter) Volume-VI, Issue-II

Add-on course organized under MoU with NI Tech, Surat



Add-on-course on 'Advances in Electrical Power System and Application'



Add-on-course on 'Advances in Electrical Power System and Application' Phase II

The department had successfully organized add-on-course on "Advances in Electrical Power System and Application" by Mr. Yasin and Mr. Viraj from National Infotech, Surat. It was a hands on Practices course. The first **Phase-I** was held on 10th to 14th Oct 2018. The **Phase-II** was conducted on 31st Jan to 3rd Feb 2019.

The students got a good exposure to what are the practical aspects and had a good exposure to the industry as such. The course also made them familiar with the new technological advances being used in Industries these days.

The course outcomes were further presented in project exhibition.



Batch 2015-19

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	Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems
2	Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3	Design/development of solutions: 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	Conduct investigations of complex problems: 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	Modern tool usage: 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	The engineer and society: 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	Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8	Ethics: 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	Communication: 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	Project management and finance: 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	Life-long learning: 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.

Co-curricular



The department saluted the spirit of womanship with **Poster Presentation** on 12/03/19.



Minor Project exhibition was held under EESA on 19/03/19 and judged by Mr. N. K. Patil (Mechanical Dept.) & Mr. N. S. Mahajan (Electrical Dept.), SSBT's COET, Jalgaon in which 69 students of third year participated and won the prizes.



One week Faculty Development Program on Advanced Power Converters for Industrial and Renewable Applications organized on 24th June to 28th June, 2019 by Electrical Dept. & NI-Tech, Surat and sponsored by 7 Parallels, Chabbi Elecricals & Trans-Electricals, Jalgaon. The objective of the program is to update participants about the use of advanced power electronics. system in various applications.

First ever Street play in History of SSBT



First Ever Street Play in SSBT on the Occasion of International Women's Day



Street Play at SSBT by Second Year Students

In order to salute the life of a woman and celebrate her freedom and rights to showcase the spirit of empowerment of women in the society, **EESA** organized the first ever street play in SSBT. The event was performed by the successful participation of 2nd year Electrical Engineering students under the guidance and motivation of Dr. P. J. Shah (HOD, Electrical Dept.), Dr. P. V. Thakre and Mr. S. M. Shembekar.



Traditional Day SE Electrical



Traditional Day Celebration, 2019.

The students and faculty members have participated in the traditional day.

The news of Faculty Development Program published in Divya Marathi.

Excellence has two dimensions -
"Success & Satisfaction"

Shodh-Prakalp Major Project Exhibition



Final Year Project Exhibition



Final Year Project Exhibition

Major project exhibition was held under **ISTE** on 03/04/19 and was judged Mr. Sanjay V. Ghadge, Sub Divisional Engg, BSNL, Jalgaon in which 64 students of final year were participated and won the prizes.



Industrial Visit at Bhusawal Thermal Power Station, Deepnagar.

RESULT 2018-19, Term-II UG (As per CGPA)**SE**

Ms. Rathod Trushali Bharat
Ist Topper (8.56)



Ms. Bhole Bharavi Pravin
Ist Topper (8.36)



Ms. Kumbhar Kajal Ishwar
IIIrd Topper (8.22)

TE

Ms. Bororle Ashwini Gajanan
Ist Topper (8.86)



Mr. Zope Paresh Bhaskar
IInd Topper (8.64)



Ms. Zope Bhagyashri S
IIIrd Topper (8.55)

BE

Ms. Badgujar Anjali M
Ist Topper (9.13)



Ms. Kurkure Shital Shekhar
IInd Topper (8.7)



1. Ms. Salunkhe Vaishali Nathu
2. Ms. Damdar Yogita Pundalik
IIIrd Topper (8.63)

Sports and Academic Achievement



Top 10 students of SE, TE & BE Electrical at KBC's NMU, Jalgaon.



Dr. K. S. Wani
Principal



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



Dr. P. J. Shah
HEAD

Newsletter Committee

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Student Coordinator : 1) Jayshree Shinde (TE), 2) Swapnil Joshi (TE)