Shram Sadhna Bombay Trust's
College of Engineering & Technology, Bambhori, Jalgaon

June 2020

WE GLOW THE WORLD

Department of Electrical Engineering

SHOCKWAVES (Newsletter) Volume-VII, Issue-II

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

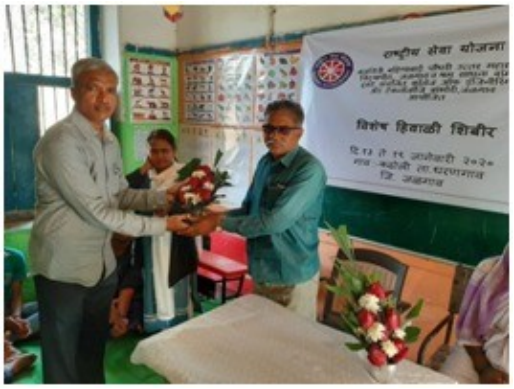
To provide student-centered conducive environment for preparing knowledgeable, competent and value added electrical engineers.

Shri. Raosaheb Shekhawat
Chairman & Managing Trustee

During this camping Shri Atre, Teacher Zilla Parishad High School, Kadholi has given an expert lecture on giving the importance of education and importance of sport for health. Also the other resource persons Shir Abhay Kulkarni, Director of Waves Foundation, Jalgaon, Dr. M. Husain, Head Civil Engineering Department, Mr. Santosh Kamble, Master Trainer on Disaster Management, Mr. Vijay Sonuwane, IT Engineer and Choreographer, Mr. J. B. Sisodiya, Physical Director, Er. N. K. Patil, Head Mechanical Engineering Department, Dr. P. V. Thakre, Electrical Engineering Department and Dr V. R. Diware, Head Chemical Engineering Department has focused on the topics Disaster and Water Management, Road safety and Suraksha Vahatuk, conservation of environment and employability.

De addiction pledge for the students of New English School Kadholi was taken by NSS Team.

The college has a self finance unit of the NSS in which sixty students are registered. Under the guidance of program officer Mr. V. S. Pawar, Head Electrical Engineering Department, a seven days special camping of thirty students during 13th January to 19th January 2020 has organized at Kadholi, Taluka Erandol, District Jalgaon. Various activities are organized such as lectures of resource persons, on field activities like cleanliness drive and repairing roads, group discussion and street play plant conservation.



PROGRAM OUTCOMES(POs)

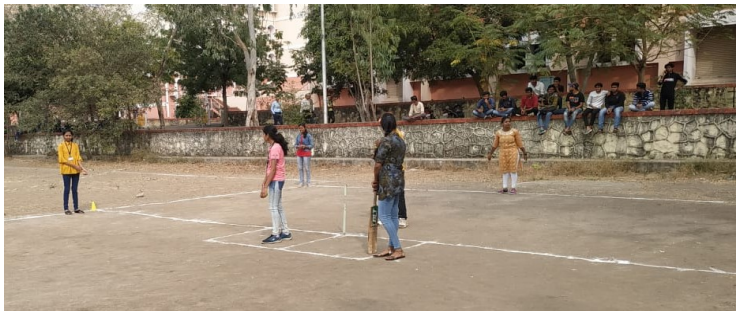
1	**Engineering knowledge**:Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems
2	**Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching 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.

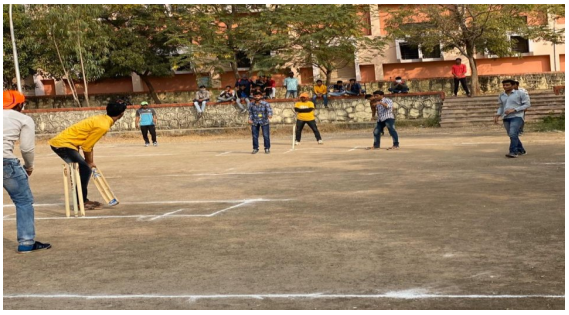
PROGRAM SPECIFIC OUTCOMES(PSOs)

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.

Departmental Activities

Electrical Engineering Department has organized a poster presentation competition on 25th, January, 2020 on topic "Forest Conservation", under Swachhata Pakhwada, during 16th to 31st Jan. 2020 by the direction of UGC, MHRD, Govt. of India. The event was organized in which seven poster were presented by the students. There are three NSS Volunteers who also participated in poster presentation activity. Dr. V. M. Deshmukh and Mr. M V. Rawalani assessed the competition. The first prize was given to two students who are NSS Volunteers. Dr. P. J. Shah, Head Electrical Engg. Dept., Prof. Dr. P. V. Thakre, Mr. V. S. Pawar, NSS Program Officer, Mr. M. M. Ansari, Mr. S. M. Shembekar, Mr. D. S. Patil, Faculty Coordinator, EESA, Mr. N. S. Mahajan, were present during poster presentation activity.





The craze of cricket in India is incredible. Keeping this craze in mind, the event Box Cricket was organized 01/02/2020 on college playground. Total 70 students have actively participated in this event. The event was conducted under Electrical Engineering Student Association (EESA) coordinated by Mr. Pushkar Narkhede (TE Electrical) and Ms. Shreya Mahajan (TE Electrical).

Department of Electrical Engineering under Electrical Engineering Students Association (EESA) have conducted a National Level Online Quiz on various subject such as Basic Electrical Engineering, Analog and digital Electronics, Electrical Measurement, Electrical Machines, Network theory to test the knowledge of the participants beyond academics in between the month of June 2020.

"My brain is only a receiver, in the Universe there is a core from which we obtain knowledge, strength and inspiration. I have not penetrated into the secrets of this core, but I know that it exists."

— Nikola Tesla

News Published

Department of Electrical Engineering have organized a Online Faculty Development Program on "Advance Power Converters for Industrial Application" from 28th to 02nd May 2020. Total 125 participants from all over country have actively participated in the Online Faculty Development Program. The objective of the Online Faculty Development Program was to give a brief knowledge about power electronics and converters used in industries. Resource persons are from NIT Surat, NIT Raipur and from reputed institutions who shares their views on topic.

एसएसबीटीच्या कार्यशाळेत देशातून १२५ जणांची नोंदणी

प्राध्यापक, संशोधक, अभियंते कार्यशाळेत झाले सहभागी

कार्यशाळेत भारतातील ४ तज्ज्ञ करताय मार्गदर्शन

प्रतिनिधी | जळगाव

श्रम साधना बॉम्बे ट्रस्ट संचलित कॉलेज ऑफ इंजिनिअरिंग अॅण्ड टेक्नॉलॉजी, बांभोरी येथील विद्युत अभियांत्रिकी विभागातर्फे प्राध्यापकांकरिता २८ एप्रिल ते २ मे या कालावधीत ऑनलाइन कार्यशाळेचे आयोजन करण्यात आले आहे. 'अॅडव्हान्स पॉवर कन्व्हर्टर्स फॉर इंडस्ट्रियल ऑप्लिकेशन' हा कार्यशाळेचा विषय आहे. यासाठी देशभरातून १२५ लोकांनी ऑनलाइन नोंदणी केली आहे.

या कार्यशाळेत सहभागी होणाऱ्या सर्वांना, इंडस्ट्रीमध्ये सध्याच्या स्थितीत जी टेक्नॉलॉजी वापरण्यात येते, त्याची माहिती मिळणार आहे. 'पॉवर इलेक्ट्रॉनिक्स' हा एक महत्त्वाचा विषय असून त्याचा उपयोग प्रत्येक इंडस्ट्रियल ऑप्लिकेशन्समध्ये केला जातो. या ऑनलाइन कार्यशाळेमुळे प्राध्यापक वर्ग, संशोधक व इंडस्ट्रीमध्ये काम करणाऱ्यांना घरबसल्या आपले नॉलेज वाढवण्याची संधी मिळणार आहे. कार्यशाळेचे उद्घाटन डॉ. कृष्णा कुमार गुप्ता, प्राचार्य डॉ. के. एस. वाणी, उपप्राचार्य डॉ. एस. पी. शेखावत यांच्या हस्ते करण्यात आले आहे. या वेळी समन्वयक व विभाग प्रमुख डॉ. परेश शाह, डॉ. प्रशांत ठाकरे, नीलेश महाजन, अमोल वाणी व धनेश पाटील आदी ऑनलाइन उपस्थित होते. या वेळी कार्यशाळेचे समन्वयक डॉ. परेश शाह यांनी कार्यशाळेचा उद्देश सांगितला. कार्यशाळेमध्ये पहिल्या दिवशी पतियाळा येथील थापर इन्स्टिट्यूटच्या डॉ. कृष्णा कुमार गुप्ता यांनी मार्गदर्शन केले. नीलेश महाजन यांनी सूत्रसंचालन केले. कार्यशाळेसाठी प्राचार्य डॉ. के. एस. वाणी, उपप्राचार्य डॉ. एस. पी. शेखावत यांचे मार्गदर्शन लाभले. तर इलेक्ट्रिकल विभाग प्रमुख डॉ. परेश शाह, डॉ. प्रशांत ठाकरे, नीलेश महाजन, अमोल वाणी व धनेश पाटील यांचे विशेष सहकार्य लाभले. २ मेपर्यंत ही कार्यशाळा ऑनलाइन सुरू राहणार आहे. यात विविध विषयांवर मार्गदर्शन केले जाणार आहे.

RESULT 2019-20, TERM-II UG

SE

ISO9001:2015

WE GLOW THE WORLD

Congratulations!

To

Final Year Electrical Toppers (2019-20)

Mr. Paresh B. Zope

V th University Topper

CGPA (8.92)

Ms. Ashwini G. Borole

II nd University Topper

CGPA (9.03)

Mr. Ketan Suryawanshi

VIII th University Topper

CGPA (8.89)

TE

University Toppers (TE – 2019-20)

Bhople Pramod D.

CGPA 8.64

Rathod Trushali B.

CGPA 8.84

Bhole Bhairavi P.

CGPA 8.54

2	1	3

SE

University Toppers - (SE 2019-20)

Gurav Haresh S.

CGPA 8.7

Sapkale Jayshree Subhash

CGPA 8.81

Patil Mahima A

CGPA 8.6

2	1	3

Faculty members

 Dr. Paresh J. Shah Professor & Head DOB: 11-08-1967 Mb: 9890094045 shah.paresh@sscoetjalgaon.ac.in	 Dr. Prashant V. Thakre Professor DOB: 19-07-1970 Mb: 9881015375 thakre.prashant@sscoetjalgaon.ac.in	 Vijay S. Pawar Associate Professor DOB: 08-04-1971 Mob: 9421637700 Pawar.vijay@sscoetjalgaon.ac.in
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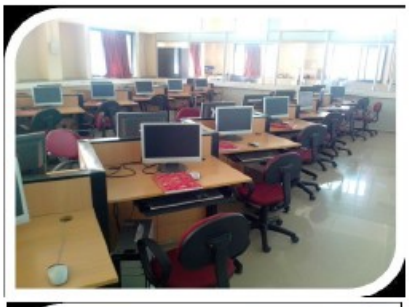
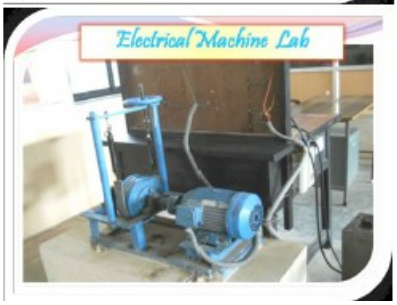
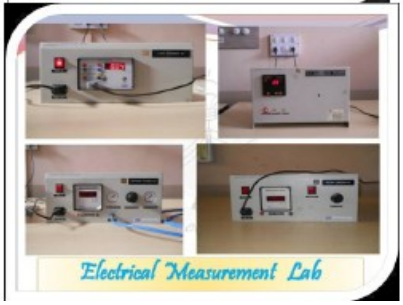
Photo Gallery







Dr. K. S. Wani
Principal

Dr. S. P. Shekhawat
Vice-Principal

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

Dr. P. J. Shah
HEAD

Newsletter Committee

Faculty members: Mr. D. S. Patil (Editor & (Designer)

Student Coordinator : Harshada B. Patil (TE), Chetan Thakur (TE)