



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



**Our  
Inspiration**



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

## MISSION

To provide conducive environment for preparing competent, value added and patriotic engineers of integrity of par excellence to meet global standards for societal development.

## VISION

Today we carry the flame of quality education, knowledge and progressive technology for global societal development; tomorrow the flame will glow even brighter.

## Department of Electrical Engineering

**SHOCKWAVES (News Letter)** Volume-I, Issue-I

## About the College

Shram Sadhna Bombay Trust runs the College of Engineering & Technology at Bambhori, Jalgaon which was established in 1983. The Jalgaon is one of the important industrial town & district headquarters of Maharashtra state. The college is awarded as Best Engineering College of Maharashtra State by Engineering Education Foundation, Pune in year 2008. The Under Graduate programs in seven courses are accredited by National Board of Accreditation, All India Council for Technical Education, New Delhi for 5 years with effect from 19/07/2008 vide letter number NBA/ACCR-414/2004. QMS of the College

conforms to ISO 9001:2008 and is certified by JAAZ under the certificate number: 1017-QMS-0117. The college has been included in the list of colleges prepared under Section 2(f) of the UGC Act, 1956 vide letter number F8-40/2008 (CPP-I) dated May, 2008 and 12(B) vide letter number F. No. 8-40/2008 (CPP-I/C) dated September -2010.



## About Department

The Electrical Engineering Department was established in 1999 with intake 30. It is accredited for 5 years by National Board of Accreditation (NBA) Committee constituted under AICTE with effect from 19-07-2008. It is the only Accredited Department in NMU, Jalgaon. The present intake capacity of the department is 60.

## Salient Features of Electrical Engineering Department

- ⌘ Experienced & Qualified faculty
- ⌘ Accredited program by NBA for 5 years
- ⌘ Modern Electrical Machine lab
- ⌘ Excellent Results
- ⌘ Research oriented faculty and students
- ⌘ Well equipped High Voltage Lab
- ⌘ Departmental library with internet facility
- ⌘ Hat trick of Gold Medal in University Level Exam since 2010.
- ⌘ E-TAP, PLC & SCADA software.
- ⌘ Well equipped 10 electrical laboratories



**Shri. Raosaheb Shekhawat**  
**Managing Trustee**



**SHOCKWAVES****DEPARTMENTAL EVENTS****GROUP DISCUSSION**

Group discussion was the first event ever held under EESA program series. The event was conducted on 10<sup>th</sup> August 2012. This event was compulsory for the BE students and optional for TE students. The Co-ordinator for this event was Ms. N. A. Pande. This type of event are very helpful for the students during their campus interviews. Mr. Sachin Kale of final year was the winner for this event.

**"Be faithful in small things because it is in them that your strength lies"**

**QUIZ COMPETITION**

Quiz Competition was organized on 25<sup>th</sup> Aug. 2012 with innovative ideas of students under EESA. It was also the first competition ever held in history of our college with special effects on LCD projector by Mr. D. S. Patil. Ten teams have participated to make the competition successful. The name of the teams were interesting and based on electrical related terms such as Transformer, Current, Capacitors etc. The winners for this competition are Capacitor, Arrestor & Voltage teams.

*"In a day if you don't come across any problem you can be sure that you are travelling in wrong path."*



Quiz Competition on LCD projector

Participants for quiz competition





## Teachers Day, Rangoli & Poster Competition



On 5<sup>th</sup> Sept. 2012, "Teachers Day" was celebrated by playing different surprising games organized by the students for the teachers. Teachers shared their memorable experiences with the students.

The Rangoli competition purely based on electrical themes was organized on 5<sup>th</sup> Sept. 2012. All the rangoli's were conveying some kind of electrical messages. Some of the rangoli photos are depicted below. Ms. Ashwini Shirode from B.E is winner of this competition.



On 5<sup>th</sup> Sept. 2012, Poster competition was also organized.

Prof. M. P. Deshmukh was the chief guest for this competition.

Ms. Prajakta Rokade and group from S.E is winner for this competition.



The idea behind the "Parents Meet" is to enhance the direct interaction between parents and the department. Departmental Parents Meet was

organized on the 22<sup>nd</sup> Sept. 2012.

Mr. V. R. Phadnis saheb (Member, GB & LMC) was the Chief Guest for the event. It was coordinated by Mr. M. M. Ansari. Parents not only from the Jalgaon city but also from Nagpur, Chandrapur & Jabalpur attended the meet. The parents were invited by sending invitation letters and by requesting them personally. This event was a grand success because of very good response from the parents. The 1<sup>st</sup> & 2<sup>nd</sup> toppers of F.E, S.E & T.E were felicitated by inviting them along with their parents on the dais. Some of the Parents expressed their views & gave good suggestions.

## Parents Meet



Mr. V. R. Phadnis saheb with Head & faculty



Parents present for "Parents Meet" in AC seminar hall



# SHOCKWAVES

## Industrial Tour

The students of second year have visited to the 400 KV receiving station, Khadaka on 26<sup>th</sup> Sept.2012 as a part of their curriculum. Khadaka station is one of the important receiving station in Maharashtra. The tour was co-ordinated by Mr. V. S. Pawar with other faculty members. The visit to devotional place at Changdev was also part of this tour.



Transformer in Khadaka Receiving Station

Tour Group photo with faculty



**"Whatever we do we must always remember our aim"**

## Guest Lectures

Guest lecture by Dr. P.R. Deshmukh



Introduction of identified Alunina , Mr. Vishal Jawle & Mr. Sunil Pande



## Poster Presentation & Aptitude Test



*Sketch Competition*





## SHOCKWAVES

### Fresher's Welcome



#### Fresher's Welcome Dice

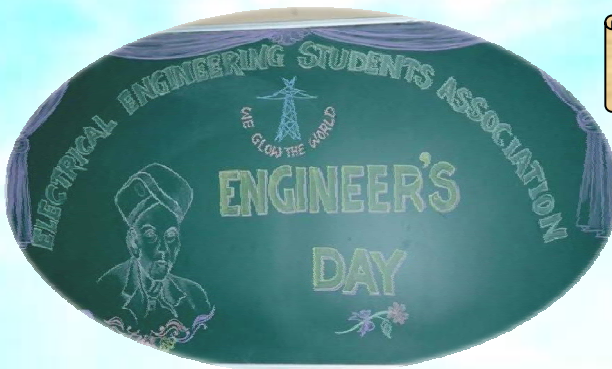
It has been tradition of the department to welcome the fresher's who has just entered in their Engineering life to make their own future. Fresher's Party was organized by third and final year students of the department.

*"Shoot for the moon.  
Even if you miss, you'll  
land among the stars."*



#### Introduction from all the Fresher's

### Engineers Day



Every year 15<sup>th</sup> September is celebrated in India as Engineer's Day to commemorate the birthday of the legendary engineer Sir M. Visvesvaraya (1861-1962). The day was celebrated at the departmental level with very interesting events organized by EESA members such as pick up and advertise, pick and speak etc. The picture of Sir M. Visvesvaraya drawn on the blackboard by Mr. Dhiraj Dethe of SE was the main attraction of the day.



#### Engineers Day Celebration



### Mini Project Competition

Mini Project competition was the final event of sem-I under EESA . Different projects were designed and demonstrated by the students. Some of the projects were Automatic Tunnel Lighting, Induction Heater, Theft Detection. Projects are very helpful for society. It help students to explore their inherent talent.





**SHOCKWAVES****Gold Medalist of last three years**

Ms. Gopi Dixit  
May 2010



Ms. Aparajita Priyam  
May 2011



Ms. Komal Mane  
May 2012

**Toppers of the Department**

Ms. Komal Mane  
Gold Medalist  
4<sup>th</sup> Year



Sarang Hivarkar  
3<sup>rd</sup> Year



Palash Fendarkar  
2<sup>nd</sup> Year



Ameya Shirwadkar  
1<sup>st</sup> year

**Participation of students  
in Zonal & Inter college at University/College level in sports**

Aniruddha Janbadkar  
Football (Zonal)



Ms. Shreyasi De  
Basketball (Zonal)



Ramkrishna Kolambkar  
Table Tennis (Zonal)



Shashank Tripathi  
Cricket (Zonal)



Palash Fendarkar  
Badminton (Zonal)



Ms. Namrata Rajput  
Kho-Kho (Zonal)



Anand Kumar  
Cricket (Inter-college)



Sachin Kale  
kho-kho and kabaddi  
(Inter-college)



## SHOCKWAVES

### Participation of the Faculty Members in Seminars and Workshops



Mr. D. U. Adokar (HOD) has attended the online workshop on “*Research Methodology*” from 25/06/2012 to 04/07/2012 conducted by IIT Bombay. He also Participated in one day workshop on syllabus structure framing for faculty of Engg. & Tech., NMU, Jalgaon.



Dr. S. K. Mittal (Professor) has completed his Ph.D. from Gautam Buddh Tech. University, Lucknow with total teaching experience of 25 years. He had published number of papers in National & International Journals.

Attended one day workshop on syllabus framing of

1. FE- Electrical & Instrumentation
2. SE- Electrical and E&TC

Delivered lecture at G H Raisoni College of Engg. on topic Microprocessor & Microcontroller on 12th Oct. 2012.



Mr. V. S. Pawar (Asso. Professor) has attended the seminar on “*SMART GRID TECHNOLOGIES*” conducted by the Department of Electrical in NIT, Jaipur from 14th to 18th May 2012.



Mr. M. M. Ansari (Asst. Professor) have attended the Five day short term course on “*Matlab based Electrical system modeling & implementation of advance control algorithms*” organized by the department of electrical NIIT, Rourkela from

Published five articles on Science & Technology in National Urdu journal “Science” & “Science ki duniya”.

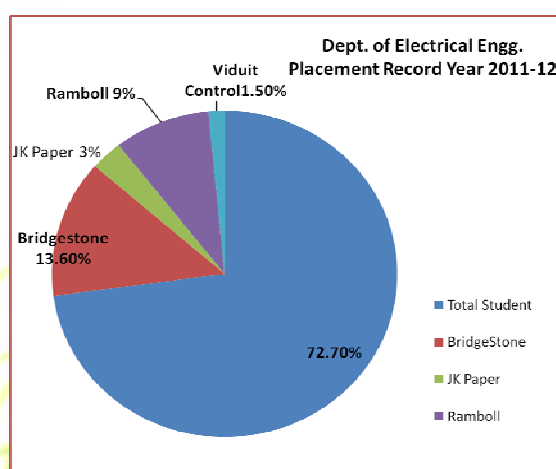
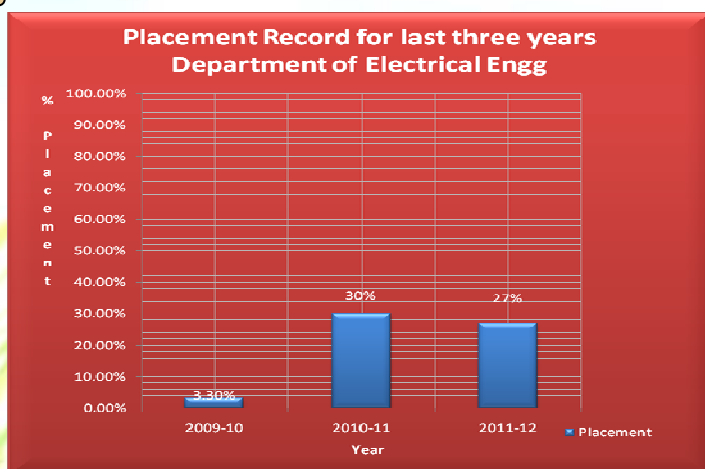


Mr. D. S. Patil has organized Two days National Level Workshop on “*CYBORG — The Robotics Workshop*” in association with IIT Kharagpur. He is also working as co-coordinator of EESA and conducted different activities under EESA.



Mr. V. K. Patil has attended the workshop on “*MATLAB*” conducted by the Department of Electrical in SSGB COET Bhusaval from 04 to 06 Oct. 2012

### Campus Placement of the Department



Growth of the Department since last Three years

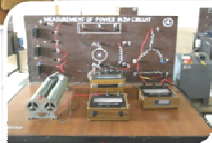
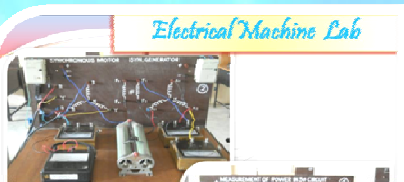
Pie chart showing placement record in year 2011-12

	Year	Student strength	Placement	No. of Company
1	2009-10	30	01	01
2	2010-11	30	09	05
3	2011-12	66	18	04



# SHOCKWAVES

## Laboratory Photos



**Dr. K. S. Wani**  
Principal



**Mr. S. P. Shekhawat**  
D. O. A



**Mr. D. U. Adokar**  
H. O. D

**Coordinator**

Mr. D. U. Adokar, Head, Electrical Engineering Department

**Designer & Editor**

Mr. D. S. Patil, Faculty, Electrical & Mr. S. S. Nagarnaik, Faculty, Electrical