



SSBT's College of Engineering & Technology, Bambhori, Jalgaon.

**(Included under section 2 (f) and 12(B) of the UGC Act, 1956
With NBA Accredited Courses & ISO-9001-2008 Certified)**

Department of Civil Engineering

(NBA Re Accredited)

NEWS LETTER

News Letter Vol. No.03, July — Dec 2013

Our Inspiration



**Hon.Smt. Pratibhatai Patil
&
Hon. Dr.Devisinghji Shekhawat**



**Shri Raosaheb Shekhawat
Trustee**

VISION

Today we carry the flame of quality teaching learning process to enlighten global society, tomorrow the flame will glow even brighter.

MISSION

To provide conducive environment for preparing competent, value added CIVIL Engineers.

Salient Features:

- Experienced, Qualified & Research Oriented Faculty
- Program Re-Accredited by NBA For 5 Years
- Modern and Well Equipped Laboratories
- Excellent Results
- Research Facilities for PhD scholars
- Departmental Library with Internet Facility
- SAP Software
- Consultancy for Civil Engineering & Allied Processes
- Teacher Guardian Scheme
- Excellent Self-Study Material

Program Educational Objectives of Civil Engineering

Describe the Program Educational Objectives (PEOs)

1. To carryout effective teaching (theory + experiment) fulfilling the syllabus requirements as well as covering relevant content beyond syllabus; to undertake good projects meeting demands of private/cooperative industrial sector, Governmental organization etc; and to arrange site visits for students to correlate the theoretical knowledge with real world.
2. To arrange remedial classes for weaker students; to organize expert lectures by eminent persons from academics, industry and other diversified field; to organize and motivate students for participation in co-curricular, extracurricular activities for overall personality development.
3. To give a role model to the students for being good engineer, good citizen and good human being; and to enhance mass awareness regarding environmental friendly technology and life style.

To provide opportunities for the staff for career development within and off the institute; to enhance research facilities in the department; to extend consultancy services to various government and private organizations.

The Program Outcomes of Civil Engineering

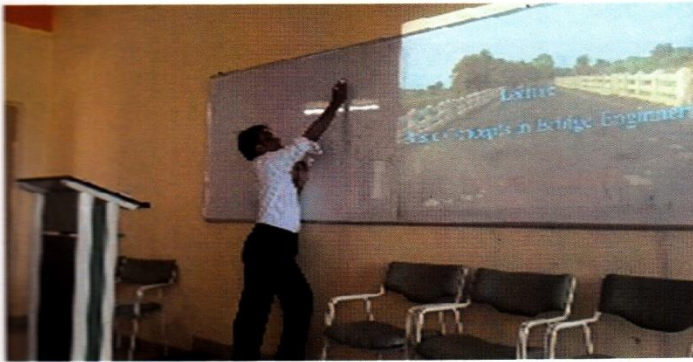
1. A Civil Engineering graduates will have basic knowledge of mathematics, science and Engineering and a sound foundation of basics/fundamentals of Civil Engineering principles.
2. A Civil Engineering graduate will develop an ability to identify, formulate and solve specific Civil Engineering problem.
3. A Civil Engineering graduate will be well versed with the experimental methods and will develop an ability to design project integrating the experimental methods. He/she will be able to interpret data.

4. A Civil Engineering graduate will demonstrate an ability to work on multidisciplinary tasks using his/her basic understanding of core subjects.
5. A Civil Engineering graduate will be familiar with modern Engineering tools, software and equipments.
6. A Civil Engineering graduates will be well aware about professional and ethical responsibilities.
7. A Civil Engineering graduate will be not only versed with the theoretical knowledge rather will be having exposure to the real world Engineering problems and working environment also.
8. A Civil Engineering graduate will have good communication skills to express his/her knowledge.
9. A Civil Engineering graduate will be aware of the latest developments in the arena of Civil Engineering.
10. A Civil Engineering graduate will be aware about sustainable development aspect and environmental friendly technologies.
11. A Civil Engineering graduate will be aware about his/her social responsibilities; a Civil Engineering graduate will be having qualities of good citizen and good human beings also.

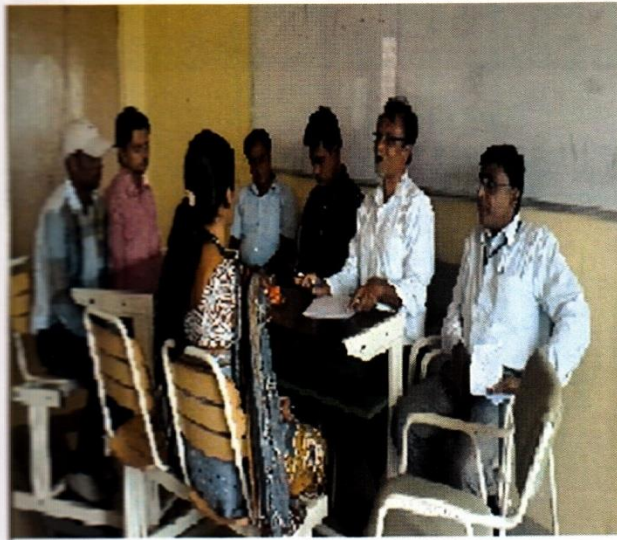
Activities in Civil Engineering Department

The following activities are conducted in the department of Civil Engineering in the academic year 2013_14 Semester I.

1. **Soft skill training program** was conducted for students of SE, TE & BE by a Professional Agency: Impression Consulting, Mumbai. The program was scheduled for 3 days to train SE & TE students whereas 6 days for Final Year students. This activity is conducted in the institute for every department to enhance the overall personality of the students. This helps the students to face the Campus Interview confidently and express their knowledge. Students have given satisfactory appraisal of the activity.



2. CESA invited Er. Vilasrao Deshmukh, Deputy Engineer PWD, Murtajapur. To deliver a lecture on **“Basic concepts in Bridge Engineering”** “on September 7TH 2013. The lecture focused on field data collection for bridge design and advances in bridge architectural practices.



3. Group discussion, personal interview and aptitude test are integral part of interviews now days. Every student has to face them. Considering this, a mock interview was kept on September 7TH for final year students. Students actively participated in it and enjoyed it. Er. Arun Mishra, a private consultant and contractor and Er. Vilasrao Deshmukh, Deputy Engineer PWD Murtajapur, had interviewed the students and suggested for improvement in areas, an individual student should focus while facing interviews.



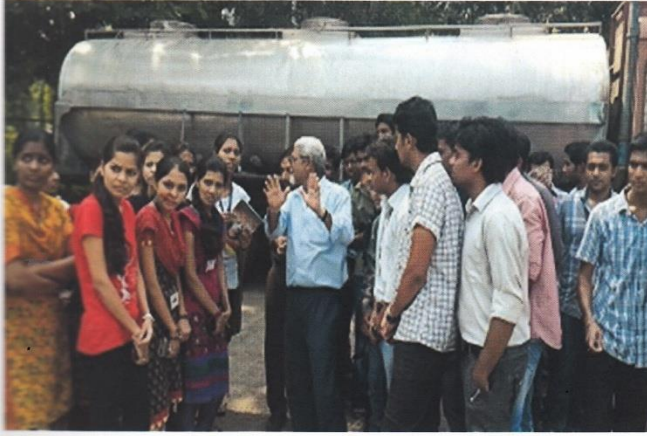
4. CESA invited Dr. Santosh Deshmukh, to deliver a lecture on "Rainwater Harvesting" on September 8TH 2013. The lecture focused on development of confidence in the students and described the different ways of relieving stress that a student undergoes while preparing for exams and subsequent student life.



5. CESA invited Mr. Pratik Athwal Expert Lecture on STADD Pro Training. The lectures focused on development software knowledge in civil Engineering and use this software for load analysis and design in civil.



6. Plate Load Test is used to determine the bearing capacity of soil which is the first step in any civil engineering constructions. Ours is the only college in this region having this equipment. Department arranged the demonstration of the equipment working in campus. Prof. P. A. Shirule and Prof. B V Shinde give the idea about plate load test use for soil bearing capacity.



7. Final Year students of department visited **Vikas Dairy** Jalgaon on 13th on September 2013. This visit enabled the students to better understand the processes in a dairy industry, uses of water, generation of wastewaters and treatment technology.



8. An Industrial visit of SE Civil Engg. Students were organized to Ready Mix Concrete Plant at Jain Irrigation, Jalgaon on 21TH September 2013. Ready mix concreting is an emerging technology now days. The RMC plant of Jain Irrigations is the first of this type in Jalgaon city. It is a fully automatic plant with 30 MT/day capacities. It is controlled by computer software. During the visit the plant authorities had described each and every minor detail of the plant. They did sample calculations and showed actual performance of computer and machines.



9. An study tour of BE Civil students to Jain Vally And Gandhi Research foundation was arranged on September 22nd, 2013. "**Watershed management**" is an elective subject for the final year students. Hiware bazaar is an excellent example for the practical demonstration of watershed management techniques to be applied in field. It is a lush green area without any water scarcity. Mr.Popat Rao Pawar has explained the applications of watershed management techniques to students and it has been quite beneficiary to the students. Techniques to students and it has been quite beneficiary to the students.



10. An study tour of BE civil students to at Lavasa City, near Pune on December 26th, 2013. Lavasa city is the monumental model of modern town planning. in this tour will cover the various aspect of civil engineering including highway planning, drainage pattern, sewerage, water supply, eco-building etc. Techniques to students and it has been quite beneficiary to the students.



11. Every year Teacher's Day is celebrated with great enthusiasm and zeal within the department by the students and faculty members. The same tradition followed this year too, and students had organized an exotic and remarkable function to delight their faculties. This involved the "Deep-Prajvalan" by the hands of Dr. M. Husain, Head, Civil Engg. Dept., Dr. S. L. Patil, and teaching and non teaching staff members. Dr. M. Husain, enlighten the students and staff members with the importance of teachers in individual's life. The students had performances with singing and speeches

Academic result 2013-14

Sem I:-

CLASS:- B.E. (civil)		
Sr.no.	Name of Rankers	% perc.
1	Kirtimala Narkhede	74.8
2	Bhagyashri Patil	71.60
3	Hemlata Patil	71.20
CLASS:- T.E. (civil)		
1	Yugandhara Ingle	70.67
2	Shrey Jain	70.53
3	Rajput Tushar	68.27
CLASS:- S.E. (civil) CGPA (10)		
1	Dnyaneshwari Mahajan	9.22
2	Mohit Agarwal	8.76
3	Ashutosh Mahajan	8.43

ACHIEVEMENTS OF STAFF

Publication in Esteemed National & International Journals in Year 2013

Name of Faculty	Number
Dr. M. Husain	04
Mr. S. B. Pawar	01
Mr. P. A. Shirule	01

Publication in National & International Conferences in Year 2013

Name of Faculty	Number
Dr. M. Husain	01
Dr. S. L. Patil	01
Mr. P.A. Shirule	02
Mr. F. I. Chavan	01
Mrs. J. R. Mali	03
Mrs. SonaliPatil	02
Mr. J. N. Kale	01