



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

NEWS LETTER

News Letter Vol. No.05, July — Dec 2014



MISSION

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

VISION

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

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



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.

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.

Activities in Civil Engineering Department

The following activities are conducted in the department of Civil Engineering in the academic year 2014_15 Semester I.

NBA ACCREDITATION

The Peer Team of National Board of Accreditation New Delhi visited the Department during April 20-22, 2014. The team was chaired by Prof Paul, IIT Kharagpur. Prof Sudhir Kumar from NIT Jaipur and Prof N Sankar from NIT Calicut assessed the department. They interacted with faculty, staff, students, alumni, parents and industrialists. They also interacted with the Academic Advisory Board. They verified the official documents and inspected the laboratories. They appreciated the credits and encouraged to overcome few shortcomings. They gave some suggestions to enrich the program.

Based upon the recommendations of the peer team, the National Board of Accreditation New Delhi has approved the accreditation status of Civil Engineering Department vide letter no. 28-235/2010-NBA dated October 1, 2014, with effect from July 1, 2014 for two years. The department is one of the very few departments in the country acquiring the accreditation status according to the new norms established under Washington accord. The accreditation is an Hallmark of Excellence in Engineering Education. Department appreciates the cooperation of all stake holders in the process of accreditation including students, alumni, parents and employers.

SITE VISITS TO AJANTA



Students of Second Year Civil Engineering Visited Ajanta Caves from Geology point of view. Dr S L Patil coordinated the visit.

SITE VISIT TO UNDER CONSTRUCTION SITE



Students of second year civil engineering visited an under construction site in Jalgaon. This helped them to understand certain aspects of Building Construction. Prof D G Pardeshi coordinated the visit.

SITE VISIT TO WATERSHED MANAGEMENT SITE



Students of final year Civil Engineering visited watershed management site at Hirve Bazar near Ahmednagar. The head of the project at village Mr Popatrao Pawar explained details of watershed management practices with special reference to the Indian rural context. Hirve Bazar is also a model village with many good practices.

SITE VISIT TO LAVASA PLANNED TOWNSHIP

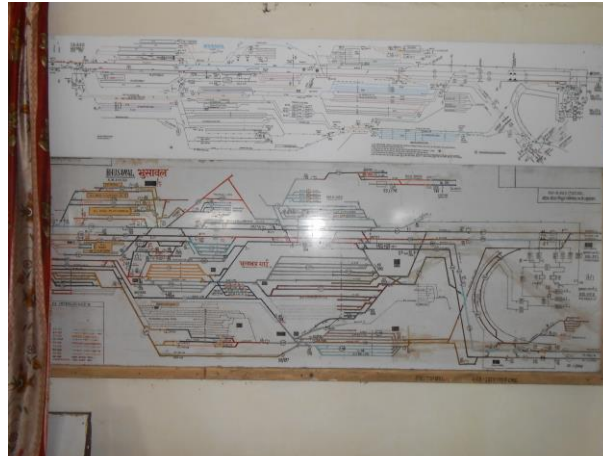


STUDENTS OF FINAL YEAR CIVIL ENGINEERING VISITED Lavasa township near Pune. It is planned city developed according to the principles of town planning and environmental conservations.

SITE VISIT TO GOA



SITE VISIT TO BHUSAWAL RAILWAY YARD



Students of third year civil engineering visited Railway Yard of Bhusawal city. This helped them better understanding of railway track system.

SITE VISIT TO WAGHUR DAM SITE



Students of third year civil visited Waghur dam site and saw the turbine installed



Students of third year civil visited Waghur dam site and saw the canal construction activities

FACULTY ACHIEVEMENTS

❖ **Prof P A Shirule became an Editor of International Journal of American Society of Science and Technology.**

❖ **Prof M Husain published following research papers:**

1. Experimental investigation of effect of metrology and turbidity on operation of salt gradient solar pond in the tropics in the *International journal of renewable energy research*.
2. Dairy wastewater- A case study in the International journal of research in engineering and technology.
3. Mr M Husain got offer from two international journals for editorial board membership namely ELK Asia Pacific Journal and International Journal of Civil Engineering.
4. Mr M Husain has delivered a lecture at Bhjarat Vikas Parshad Jalgaon on environmental protection.

❖ **Prof P A Shirule published following research papers:**

1. Study of Solar Power Operated Pumping Systems for Small Village Water Supply in the *Cyber Times International Journal of Technology and Management*.

❖ **Prof Sonali Patil published following research paper:**

1. Adsorption of Cr (VI) aqueous environment using neem leaves powder in the International journal of research in engineering and technology.

❖ **Mr S B Pawar has published following research paper:**

Highway By-pass Alternatives for a City: A Digital Case Study from Air Pollution Dispersion Criterion in the International journal named American Journal of Environmental Engineering.

IMPORTANT EVENTS:



Alumni Mr Vishal Sharma, City Engineer Jamner has conducted an interaction and counseling session for the final year students. He also described the Civil Work Auditing Process in Zilha Parishad.



Architect Varsha Chauradiya, Principal, Shri Krishana Educational Mandal's Architectural College, Jalgaon, addressed final year students. she introduced students with LEED certification process and its importance.

Er Vilasrao Deshmukh, Deputy Engineer, PWD, conducted Mock Interviews for the students of final year civil engineering. He also assisted students to write bio data and to prepare personality for appearing in the interviews.



Teachers day has been celebrated in the department on September 5TH 2014. HoD and other teachers guided students in their inspirational speeches. Few students also expressed their views.



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