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

July Dec 2019

*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 scholar s
- Departmental Library with Internet Facility
- SAP Software
- Consultancy for Civil Engineering & Allied Processes
- Teacher Guardian Scheme
- Excellent Self-Study Material

## Programme Educational Objectives (PEOs)

- 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.
- 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.

  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.

## Program Outcomes (Pos)

- **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **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.
- **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.
- **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.
- **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.
- **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.
- **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.
- **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **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.
- **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.
- **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.

## Programme Specific Outcomes (PSOs)

- **Ability to apply theoretical knowledge for specific field applications:** a civil engineering graduate must be able to identify the constraints of a real world problem and must be able to decide appropriate combination of technology to resolve the problem. S/he must be able to implement the solution.
- **Ability to work with advanced equipment:** a civil engineering graduate must be able to deal with advanced equipments used for various civil engineering applications for faster and precise observations.
- **Awareness about alternative and blended construction materials:** natural materials are getting scarce and their over exploitation is causing environmental damages. A civil engineering graduate must be aware about the applications of alternative and blended construction materials which are more sustainable.


## Alumni Meet 2019

Er Arpit Sharma, Er Munish Grover Er Rajkeshwar Chavan, Er Govinda, Er Balesh Koptwal, Er Rupesh Patil and others gathered. They shared their old memories and enjoyed.

Er Munish Grover received the “Best Alumni Award”. They interacted with students also

## Induction program

Students of first year civil engineering visited department as a part of their induction program. HoD welcomed them and introduced with the department. Er Abhijit Patil, Alumnus, 2000 pass out interacted with the students. Mr Abhijit Patil is an A Grade Government Recognized Contractor.


## NO VEHICLE DAY

The department organized No Vehicle Day on September 17TH, 2019 with an objective of minimizing the vehicle use and controlling air pollution. Students and staff members enthusiastically participated in the event. Normally around 480 two wheelers are found in the campus on a normal working day. However on this day the number reduced to 173. People preferred public transport. Four wheeler users also shared their vehicles on that day.

A quiz competition is organized in the department. It was based upon aptitude assessment. Mr Sunny Paul coordinated the activity

# Freshers' Party 2019



**Students of SE organized fresher day for first year students HoD addressed them. Alumni Rajkeshwar Chavan attended the function as Chef Guest. He also shared his experiences. Singing dancing and fun activities were held, followed by Lunch.**

**Hands on Training on SPT**



**Students of TE civil are given practical training on Standard Penetration Test for field soil bearing capacity determination. Prof Bhupendra Patil Coordinated the activity.**

*National Water Day*

**National Water Day was organized by the department on October 1, 2019. HoD M Husain. Rtd Executive Engineer of Irrigation Department Shri Somani, Prof P D Patil and Prof D Puri expressed their views**

## *Teachers' Day Celebration*

## *September 5TH*


## *Webinar*

## *On 11/11/2019*

# *Result analysis*

**SE: Kale Gauri secured first rank holder at University**

**TE: Khan Zyan Nurulah secured first rank at University**

**BE: Sheikh Khatija Banu: second rank holder at University**