



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

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Yogesh Biyani



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

VISION

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



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 Objectives(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.

ISR ACTIVITIES



The municipal corporation of Jalgaon took an initiative of cleanliness of Ganesh dispersion sites. The college also actively joined the initiative. Students of civil engineering department under the coordination of Dr S L Patil, Dr M Husain and Dr P A Shirule conducted cleanliness drive at river Girna.



Under the banner of ABVP college organized a blood donation camp. Students of civil engineering department actively participated in the camp. Over 75 bottles of blood was collected. Dr M Husain coordinated the activity.



In the month of August, department organized a field training session on use of SPT for the students of TE civil. Prof P A Shirule, Bhupendra Patil and Mahesh Koli coordinated the activity.

On September 5TH the students organized teachers day in the department. There was a cake cutting ceremony followed by speeches by students and teachers.



Festive moments in the department



Birthday celebration of M Husain



Birthday celebration of Principal

Visit to Waghur Dam site and reservoir



Students of TE civil Visited Waghur Dam site and reservoir. Prof M Husain coordinated the visit. Students entered into the infiltration gallery also.

Students counseling session at Anglo Urdu School Jalgaon



Prof M Husain addressed the students of Anglo Urdu Jr College. He talked about the prospects and opportunities in engineering career.

Visit to Model Village Hirve Bazar



Students of final year civil engineering visited Hirve Bazar, the model village developed by Shri Popat Rao Pawar.

Result Analysis

BE Civil section A

		Result in %	University Result in %
WRE I	29	98.52	96.45
E&C	28	100	99.44
WSM	25	100	99.81
GTE II	30	100	98.88
ID		100	99.44

BE Civil section B

Subject	Academic Year 2017 - 18	
	Result in %	University Result in %
WRE I	97.01	96.45
E&C	100	99.44
WSM	100	99.81
GTE II	100	98.88
ID	100	99.44

TE Civil Section A

Subject	Academic Year 2017 - 18	
	Result in %	University Result in %
SDD I	92.90	93.08
IE I	100	100
FM II	85.50	83.01
EE I	100	99.37
CM I	100	100

TE Civil section B

SDD I	95	93.08
IE I	100	100
FM II	82.52	83.01
EE I	98.33	99.37
CM I	100	100

SE Civil section A

Subject	Academic Year 2017 - 18	
	Result in %	University Result in %
M-III	79.66	76.46
SOM	76.77	75.32
CT	96.61	92.77
BCTM	98.61	96.56
SUR-I	94.91	86.91

SE Civil section B

M-III	78.33	76.46
SOM	83.05	75.32
CT	100	92.77
BCTM	100	96.56
SUR-I	88.66	86.91