

# News letter

## July – Dec 2024

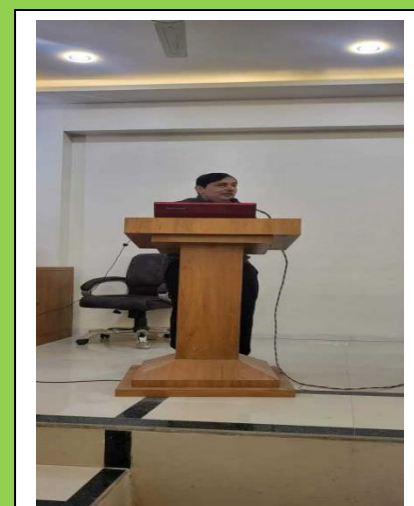
### Civil Engineering Department

#### Program Outcomes

1	<b>Engineering knowledge:</b> Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2	<b>Problem analysis:</b> Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3	<b>Design/development of solutions:</b> 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.
4	<b>Conduct investigations of complex problems:</b> 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.
5	<b>Modern tool usage:</b> 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.
6	<b>The engineer and society:</b> 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.
7	<b>Environment and sustainability:</b> Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8	<b>Ethics:</b> Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9	<b>Individual and team work:</b> Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10	<b>Communication:</b> 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.
11	<b>Project management and finance:</b> 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.

#### Program Specific Outcomes

1	<b>Ability to apply theoretical knowledge for specific field applications:</b> 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.
2	<b>Ability to work with advanced equipment:</b> a civil engineering graduate must be able to deal with advanced equipments used for various civil engineering applications for faster and precise observations.
3	<b>Awareness about alternative and blended construction materials:</b> 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.

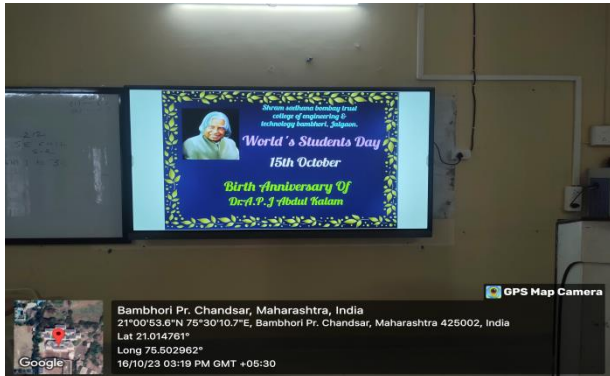


FDP at Yeola  
ATL – AICTE Scheme

## *Student day celebration*

15<sup>th</sup> of October is the Birth Anniversary of Dr A P J Abdul Kalam. It celebrated as Students Day. Students take oath of commitment on this day.

Students were shown an inspirational movie on this occasion to inspire them for innovation in their work.



On October 6, 2023 one of the esteemed alumnus Mr Abhijit Patil interacted with the students. Mr Abhijit Patil is a passout student of batch 2001. He is now engaged in pre stressed bridges. He has a turnover of Rs 30 crores per year. He spoke on the theme "Theoretical and practical approaches in civil engineering". Then he described the working environment in civil engineering.





# HIGH FLIERS



SSBT's  
COLLEGE OF ENGINEERING AND TECHNOLOGY, BAMBHORI, JALGAON

Department of Civil Engineering  
Congratulates  
Students



**SELECTED IN PUBLIC WORK DEPARTMENT (PWD)**



GANESH AHIRE



KRANTI PATIL



SAURABH BIRHADE



GAYATRI PATIL



GANESH CHAVAN



GAURI KALE



VIPUL BHIMJIYANI



CHANDRANI MARATHE



ANIL WADILE



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ssbtcoetofficial

## Techflow Placements


SSBT's College of Engineering & Technology, Bambhori, Jalgaon  
Civil Engineering Department  
CONGRATULATIONS  
The following students are selected in Tech Flow (I) Private Limited  
through OFF CAMPUS PLACEMENT.  
Heartiest Congratulations to Them.




Abujar Khan




Arti Ingle




Bhagyashri




Divyashri




Yash Aware




Nikhil Koli




Saniya Tadvi



Shaikh



Vishal Patil



Harshita

## IITB Collaboration

The Government of India has taken an initiative of collecting baseline data of environmental parameters for the entire country. This data collection and analysis will be done by the researchers of Regional Indian Institute of Technology. These institutes are premier institutes of the country. So the quality data is assured. For immediate testing of parameters, the IIT is collaborating with local colleges which can host such works in their laboratories. For Jalgaon region, IIT Bombay is the authority. They collaborated with our college for the task for Jalgaon city.

# शार्दमत

## राष्ट्रीय प्रदूषण डेटाबेस फ्रेमिंगसाठी एसएसबीटी अभियांत्रिकी महाविद्यालयाची निवड

जळगाव : प्रतिनिधी

राष्ट्रीय प्रदूषण डेटाबेस फ्रेमिंगच्या महत्वाकांक्षी मेगा प्रकल्पासाठी या प्रकल्पात तांत्रिकदृष्ट्या योगदाना बाबत बांधोरीच्या एसएसबीटी अभियांत्रिकी आणि तंत्रज्ञान महाविद्यालयाची निवड करण्यात आली आहे.

सरकारने आपल्या प्रमुख शहरांची सध्याची पर्यावरणीय स्थिती पाहता एक महत्वाकांक्षी मेगा प्रकल्प सुरू केला आहे. आयआयटी बॉम्बेच्या तांत्रिक सहकार्याने केंद्रीय प्रदूषण नियंत्रण मंडळाद्वारे या प्रकल्पाचे समन्वयन केले जात आहे. या प्रकल्पात शास्त्रज्ञ हवा, पाणी आणि मातीचे नमुने घेतील आणि हवेतील पाण्याची माती आणि खनी प्रदूषणाची पातळी मोजतील. नवीन औद्योगिक क्षेत्रे, नवीन प्रकल्प, पर्यावरण शमन उपाय इत्यादींबाबत भविष्यातील निर्णय घेण्यासाठी हा

एक अतिशय उपयुक्त डेटाबेस असेल. नमुना विश्लेषणासाठी सरकार स्थानिक अभियांत्रिकी महाविद्यालयांची मदत घेत आहे.

महाविद्यालये त्यांच्या पायाभूत सुविधा आणि उपकरणे सामायिक करत आहेत. या महत्वाकांक्षी मेगा प्रकल्पासाठी एसएसबीटीच्या अभियांत्रिकी आणि तंत्रज्ञान महाविद्यालय, बांधोरीची या प्रकल्पात तांत्रिकदृष्ट्या योगदाना बाबत निवड करण्यात आली आहे.

यासाठी महाविद्यालयाने ३१ डिसेंबर ते २ जानेवारी या कालावधीत आपल्या सर्वोत्तम प्रयोगशाळा सुविधा उपलब्ध करून दिल्या होत्या.

Source: Education  
Jan. 4, 2024 Page No.: 7

## Teachers' Day



On September 5<sup>TH</sup>, 2023 the celebration was done. HoD gave a short speech. Prof Shirule also shared his view. Then students also expressed their view. One student sketched out the biography of Dr Radhakrishnan. Ms Hrashada Panchpade performed a dance. HoD highlighted the importance of moral values in the life of students as well as teachers.

## Fresher's Welcome



In order to add liveliness to the campus life, department organizes a Fresher's Party for newly coming students. It was jointly organized by civil and mechanical engineering departments on October 21, 2023.

## Visit to Tajmahal



Tajmahal is a wonder of civil engineering. It is an architectural wonder. Thus students visited to see this structure on October 22, 2023. students visited by train. Prof Punase coordinated the visit.

### Analysis of Result

SN	Name of Student	Class	CGPA
1	PACHPANDE HARSHADA PANDURANG	SE	9
2	DOJI MARBA NYAMAR	SE	8.5
3	WAGH BHAGYASHRI RAVINDRA	SE	8.4
4	MAHAJAN PUJA RAMAKANT	TE	8.99
5	SONAWANE VISHAKHA RAHUL	TE	8.77
6	PAHUJA DEV VINOD	TE	8.67
7	CHAUDHARY PALLAVI SANDIP	BE	9.26
8	RAJPUT HEMANT GANESH	BE	9.1
9	PRAJAPAT RAM SACHIN	BE	9.08

**ALL THE UNIVERSITY TOPPERS ARE FROM OUR COLLEGE ONLY**