



Vidya Pratishthan's
Kamalnayan Bajaj Institute of Engineering and Technology
Baramati Dist. Pune



e-Newsletter

JANUARY
2023

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FOREWORD

We publish the quarterly activities organised in the campus and also the activities in which our students and faculty members participated in outside prestigious campuses. In this publication we give emphasis on our Faculty's engagement in research activities, training programs as well as students' achievements in various fields. Therefore, it gives us pleasure to publish before you our e-Newsletter of January 2023. During this period, our faculty members and students have involved with their keen interest in higher learning, research and training programs.

Our faculty members organized Department as well as Institute Level programs for students. They also participated in the workshops and short-term training programs. They proved highly useful for them to develop insights about teaching, learning and research.

Some faculty members organised various workshops for the students which proved beneficial for the students. Workshops and Department and Institute level programs organised by our faculty proved beneficial for the students. They were organised for the students so that they can get practical knowledge of their subjects. Our faculty members also organised guest lectures and workshops which were organised by faculty and professionals from outside. Completing certification courses from such online platforms helps them learn on their own and they also develop their own level of learning, analysis and presentation. Some of our students completed online certification courses from Spoken Tutorial and other online certification platforms.

**EDITOR
AND
DESIGNER**

DR. ANIL PATIL



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Guest Lecture Organized by Civil Engineering Department:

Department of Civil Engineering organized a Guest lecture on 'Engineering Geology' on 15 December 2022. The Lecture was organized for the Second Year students of Civil Engineering. Total 76 student attended the lecture and it proved useful for them. The Resource Person was Dr. Nanasahab J. Sathe, Associate Professor, Department of Civil Engineering, VVPIET, Solapur. The objectives of the lectures were: 1. To get the knowledge of the physical properties of mineral and differentiate between the rocks types, their inherent characteristics with Civil Engineering applications, 2. To learn geomorphic features formed by fluvial, marine processes and their role, Indian stratigraphy and historical geology in civil engineering projects and 3. To identify and to enable the Students to examine favorable & unfavorable conditions for the proposed construction of dams, reservoir and tunnels. Precautions and treatments required to improve the site conditions of dams, reservoir and tunnels. Ms. Jyoti Bhong coordinated the program.

Orientation Program Organized by Mechanical Engineering Department:

Department of Mechanical Engineering organised a two-day Orientation Program and training session on newly purchased simulation software on 8 and 9 December 2022. These newly purchased simulation software is a part of 'Centre of Excellence in Digital Manufacturing and Automation' in Department of Mechanical Engineering.



Faculty during the Training Session

INDUSTRIAL AND EDUCATIONAL VISITS ORGANISED

Department of Civil Engineering organized a one-day site visit to Krushna Bhima Barrage, Uddhat for Second Year students of Civil Engineering under the subject Engineering Geology. The visit was organised on 10 December 2022. 76 students participated in the visit and studied various aspects of the Engineering Geology. The visit proved useful for the students. The Faculty: Ms. Pallavi Bokey and Ms. Jyoti Bhong coordinated the visit and the Technical Assistants: Mr. Sachin Jarande, Mr. Sunil Markad supported the faculty and students during the visit.



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Construction site of Barrage



Photo view of Gate at Uddhat Barrage



Faculty and Students at Barrage Site

Department of Civil Engineering organized a one-day site visit to Nira Bhima Tunnel Link 5, Dalaj-II, Indapur for Second Year students of Civil Engineering under the subject Engineering Geology. The visit was organised on 10 December 2022. 76 students participated in the visit and studied various aspects of the Engineering Geology. The visit proved useful for the students. The Faculty: Ms. Jyoti Bhong and Ms. Pallavi Bokey coordinated the visit and the Technical Assistants: Mr. Sachin Jarande, Mr. Sunil Markad supported the faculty and students during the visit.



Faculty and Students at Barrage Site

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Construction site of Barrage



Photo view of Gate at Uddhat Barrage



Faculty and Students at Barrage Site

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Tunnel under construction



Supporting Steel frames



Site Visit
Visit 1 At Dargi Tunnel
10.12.2022 12.44
18-2308774 78492
Bhaverinagar, Maharashtra 413104

Faculty and Students at the Tunnel Site

Department of Civil Engineering organized a one-day site visit to Palkhi Mahamarga, Sawal Road, Baramati for Second Year Civil Engineering students under the subject Engineering Geology on 26 November 2022. 76 students participated in the visit and it proved beneficial to them. Ms. Jyoti Bhong and Ms. Snehal Walke coordinated the visit.



Excavation at site



Faculty and Students at the site during the Visit

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Department of Civil Engineering organized a one-day site visit to Palkhi Mahamarga, Lakadi Road, Baramati for Second Year Civil Engineering students under the subject Engineering Geology on 24 November 2022. 76 students participated in the visit and studied various aspects of Engineering Geology. Ms. Jyoti Bhong and Ms. Snehal Walke coordinated the visit.



Location of site



Rocks present at the Site



Faculty and Students at the site during the Visit

Department of Civil Engineering organized a one-day educational visit to construction of residential building on 24 November 2022. The visit was organized for Second Year students of Civil Engineering. The Visit was organized as per the guidelines and recommendations of Savitribai Phule Pune University regarding syllabus of Second Year Civil Engineering. Er. Mayur K. Tade guided the students during visit on site. The destination was near Sahyog society at MIDC Road in Baramati. The students studied and observed the complete process of construction of building, functions of its components, difference in theoretical and practical method under the guidance of Prof. S. B. Walke and Prof. J. C. Bhong.

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Elevation of Residential Building



Faculty and Students during the Visit

GUEST LECTURE AND WORKSHOPS ORGANISED

Department of Civil Engineering organized a Guest lecture on 'Engineering Geology' on 15 December 2022 for Second Year Civil Engineering students. Resource Person: Dr. Nanasaheb J. Sathe, Associate Professor, Department of Civil Engineering, VVPIET, Solapur. The objectives of the program were: 1. To get the knowledge of the physical properties of mineral and differentiate between the rocks types, their inherent characteristics with Civil Engineering applications, 2. To learn geomorphic features formed by fluvial, marine processes and their role, Indian stratigraphy and historical geology in civil engineering projects and 3. To identify and to enable the Students to examine favorable & unfavorable conditions for the proposed construction of dams, reservoir and tunnels. Precautions and treatments required to improve the site conditions of dams, reservoir and tunnels. 76 students attended the Lecture and it proved beneficial to them. Ms. J. C. Bhong coordinated the program.



Dr. Nanasaheb J. Sathe during the Lecture




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Department of Civil Engineering organized a Guest Lecture on 'Professional Ethics and Etiquettes' on 18 November 2022 for Third Year students of Civil Engineering. The Resource Person was Ms. Sneha S Bhende, Assistant Professor, RMD Sinhgad School of Engineering, Pune. The objectives of the program were: 1. To understand the basic perception of profession, professional ethics, various moral issues and uses of ethical theories, 2. To understand various social issues, industrial standards, code of ethics and role of professional ethics in engineering field and 3. To apply ethical principles to resolve situations that arise in their professional lives. 77 students attended the Lecture and it proved beneficial for them. Ms. J. C. Bhong coordinated the program.




Vidya Pratishthan's
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Department of Civil Engineering
In association with IIC Cell and CESA

Organizing a Guest Lecture on

Professional Ethics and Etiquettes



Recourse Person-
Ms. Sneha S Bhende
Assistant Professor,
RMD Sinhgad
School of Engineering, Pune



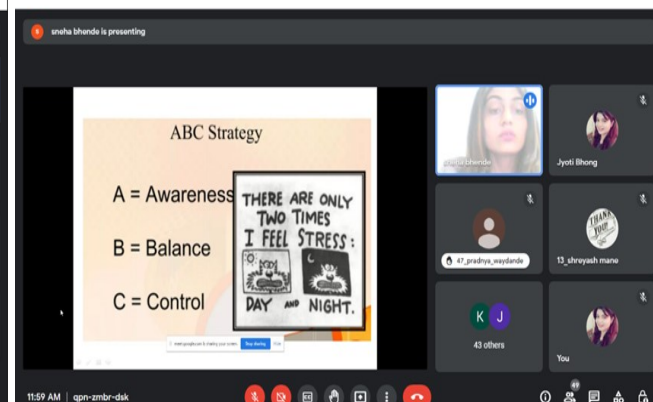
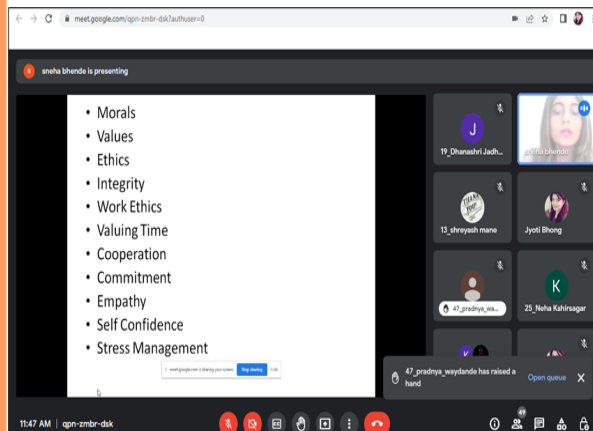
Date: 18 November 2022, Friday
Time: 11.30 am to 1.30 pm
Live Stream Through
Google Meet

Ms. J C Bhong
IIC Co-ordinator, Civil Engineering Dept.
VPKBIET, Baramati

Ms. P A Bokey
CESA Co-ordinator,
VPKBIET, Baramati

Dr. C B Nayak
HoD, Civil Engineering Dept.
VPKBIET, Baramati

Dr. R S Bichkar
Principal,
VPKBIET, Baramati.



Ms. Sneha Bhende during the Session

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Department of Civil Engineering organized an Expert Session on 'Computational Fluid dynamics and Modern Tools' on 14 October 2022. 31 students participated in the Expert Session and the session proved useful for them. **Dr. Vipin B. Gawande** was the resource person for the session. **Ms. Pallavi Bokey** coordinated the session.

Vidya Pratishthan's
Kamalnayan Bajaj Institute of Engineering and Technology, Baramati

Department of Civil Engineering
Civil Engineering Student Association (CESA) organizing

Expert Session on
"Computational Fluid Dynamics & Modern Tool"



Resource Person
Dr. V. B. Gawande
Assistant Professor, Dept. of Mechanical Engineering
VPKBIET, Baramati



Date: 14 Oct. 2022, Friday
Time: 2:45 - 3:45 PM

Venue: Classroom No: 106
New Building



Dr. Vipin Gawande during the Session

Department of Civil Engineering organized an Expert Session on 'Transportation Systems and Safety Management' on 11 November 2022. Ms. Hemlata Taware, RTO, Baramati was the resource person for the program. 68 attended the session and it proved useful for them. Dr. G. N. Narule coordinated the session.

Vidya Pratishthan's
Kamalnayan Bajaj Institute of Engineering and Technology, Baramati

Department of Civil Engineering
(Under the center for Infrastructure Health Monitoring)
Organizing an expert talk
on

"Transportation systems and Safety Management"



Guest:
Ms. Hemlata Taware
Assistant RTO Inspector,
Dy. RTO, Baramati, Government of Maharashtra



Date: 11 Nov. 2022, Friday
Time: 10:15 am to 11:15 am

Venue: Class Room-106



The Guest, Faculty and Students during the Session

STUDENTS' ACHIEVEMENTS



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Kamalnayan Bajaj
Institute of
Engineering and
Technology
Vidyanagari
Baramati**

Adhav Omkar, Bhossale Omkar, Shiraskar Sakshi and Akshay Budhabal along with Dr. Vipin Gawande

Students of Third Year and BE from Mechanical Engineering Department along with Dr. Vipin Gawande participated in 'SERB-INAE Conclave on Atmanirbhar Technologies: Engineering a Secure Future'. It was organised at IIT, Kanpur on 5 and 6 November 2022.



Dr. Vipin Gawande along with Students

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