

**Department  
of  
Civil  
Engineering  
NEWSLETTER  
2022-23**

**Vision of the  
Department**

Committed to carve proficient civil engineers for providing substantial input to cater basic needs of different stratum of society.

**Mission of the  
Department**

**M1:** To provide an excellent teaching learning environment through well designed curricular and co-curricular activities.

**M2:** To develop highly skillful civil engineering professionals to serve up industry and society through valuable resources.

**M3:** To enhance self-learning ability, team spirit and life skills by extracurricular activities.

**M4:** To create research oriented atmosphere amongst students and faculty with the help of project based learning and consultancy.

# SKN Sinhgad College of Engineering, Pandharpur.

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## Guest Lecture on "Entrepreneurship in civil Engineering and Government Schemes for Entrepreneurs"



### Light lamping and Saraswati Puja ceremony

This Lecture is arranged in S.K.N.Sinhagad College of Engineering, Pandharpur on Monday, April 3, 2023 under the guidance of Principal Dr. Kailash Karande. A lecture was organized by Civil Engineering Department for overall development of students. This lecture is delivered by Mr. Chandrakant Londhe on Entrepreneurship and Government Schemes for the students.

The lecture was started by Saraswati Poojan and started the program with lamp lighting by Chandrakant Londhe, Chief Entrepreneurship Trainer from MITCON Pune, Dr. Chetan Pise, Vice-Principal, Dr. Swanand Kulkarni, Head of the Department of Civil Engineering, Sriganesh Kadam, Prof. Chandrakant Deshmukh, Prof. Yashwant Pawar.

Meanwhile, Chandrakant Londhe was welcomed with a bouquet on behalf of the college by Vice Principal Dr. Swanand Kulkarni. At this time Vice-Principal Dr. Swanand Kulkarni addressed the present students about how to get benefit

by entrepreneur Development Cell.

In Chandrakant Londhe sir lecture he give his broad experienced in different topics such as Opportunities for entrepreneurs are shrinking as population is growing rapidly. Due to this, students need to go for entrepreneurship instead of jobs. Many financial Supports are provided by the government for the career in the industry development. Civil Engineers are needed in every part of the society. Students should try to get practical experience in different industry. we have to increase industrialize tourism for better development. This is the opinion of Chandrakant Londhe, Chief Entrepreneurship Trainer from Pune, MITCON in this program. As the agricultural product is not processed, the farmer does not get proper income, so the engineers should focus on creating processing industries, for which subsidy is available from the government up to 30 lakhs loan and 10 lakhs subsidy.

## Workshop on “Mix Design for Different Types of Concrete”

On the occasion of National Innovation Day the Civil Engineering Students' Association (CESA) and Department of Civil Engineering, SKN SCOE, Korti-Pandharpur in association with Sika India Pvt. Ltd. organized One Day Workshop on “Mix Design for Different Types of Concrete” on 11th May 2023.

The objective of this workshop is to imparting knowledge based approach of students and providing expert's assistance in the field of Concrete Technology and Material Testing, The workshop was inaugurated by lamp lightening & Goddess Sarasvati Pooja from the hands of Chief Guest Mr. Ibrahim Shaikh (Manager, Sika India Pvt. Ltd.), Dr. K. J. Karande (Principal, SKNSCOE), and Dr. S. S. Kadam (Head, Dept. of Civil Engg.). In inauguration speech, Principal Dr. Karande spoke on different aspects of developing industry and its need and he appeals to the students to gain knowledge from such interactive workshops and prepare themselves better way to fulfill industry needs and simultaneously grab the opportunities to flourish the future. Mr. Ibrahim Shaikh guided students on account of Mix Design methods and different types of concretes like shotcrete and Pavement Quality Concrete (PQC), etc.



Felicitation of Chief Guest Mr. Ibrahim Shaikh by Principal Dr. K. J. Karande



Chief Guest Mr. Ibrahim Shaikh delivering the lecture

## An Online Guest Lecture on “BUILDING INFORMATION MODELLING”

Building Information Modelling (BIM) is the

holistic process of creating and managing information for a built asset. Based on an intelligent model and enabled by a cloud platform, BIM integrates structured, multi-disciplinary data to produce a digital representation of an asset across its lifecycle, from planning and design to construction and operations.

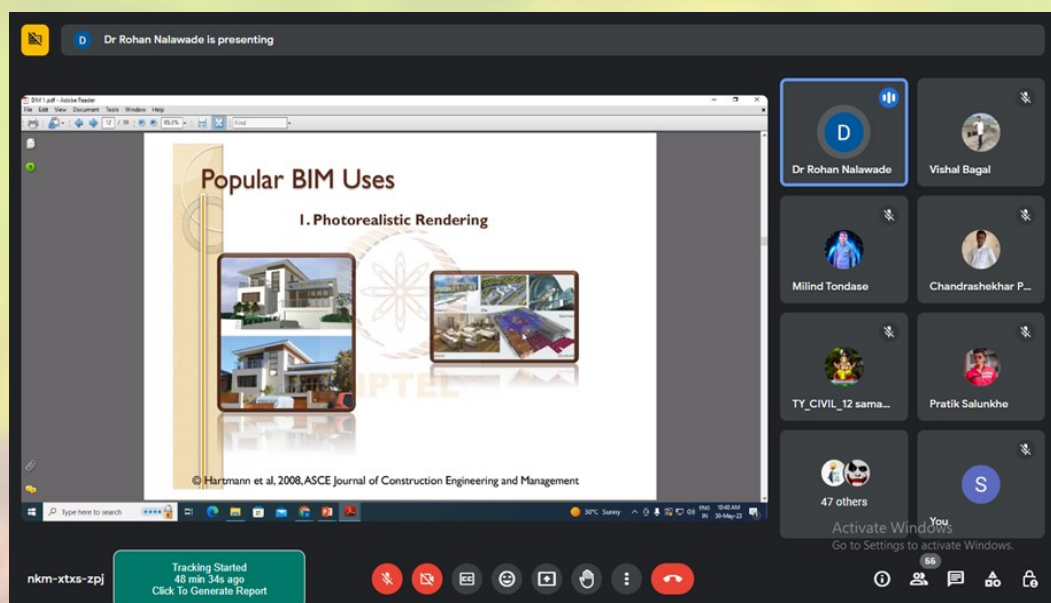
We at department of civil engineering & Civil Engineering Students association (CESA) had organized an online guest lecture of Dr. R. V. Nalawade, who is Associate Dean Academics at KIT's College of Engineering, Kolhapur.

This function was presided by Dr. S. S. Kadam (Head, Dept. of civil engineering). The purpose of this lecture was to give idea about Building Information Modelling to the students. They would get benefited to understand the benefits from expert's personal

experiences.

The function was started with felicitation of Speaker and Guest Dr. R. V. Nalawade by Dr. S. S. Kadam (Head, Dept. of civil engineering). After this Prof. S. G. Rathod Introduced guest speaker. Followed by this Dr. R.V. Nalawade sir shared his views on “Building Information Modelling”. He also appreciated the organizing committee for their keen involvement in such a most excellent program under CESA. He also emphasized on benefits of student's participation in such events. The function was concluded with vote of thanks by Prof. S. G. Rathod. Lot of efforts was taken by all CESA committee members and students for successful accomplishment of this program.

No. of Students Attended: 89



**Dr. R.V. Nalawade Sir Delivering Lecture**

# STUDY SITE VISIT AT UJANI DAM

As per the course curriculum of Punyashlok Ahilyadevi Holkar Solapur University Solapur a study visit was planned on 17th June 2023 by Civil engineering dept, SKN Sinhgad college of Engineering Korti Pandharpur. This visit is planned for SY and TY BTech Students regarding their subject engineering geology and HSWPE respectively.

Ujani dam is situated at Bhima river at village Ujani, Bhima Nagar, Madha, Solapur. Created as a multi-purpose reservoir, the construction of the Ujani Dam project including the canal system on both the banks was started in 1969 at an initial estimated cost of Rs.480 million. The entire project was completed in June 1980 and the cost incurred was of the order of Rs.3296 million. With a total length of 2,534 m, the Ujani Dam is founded on massive basaltic rock formations and comprises of a central portion which is the spillway dam of 602m in length. The total capacity of the reservoir created by the dam is 3,140,000,000 metre cube with a total surface area of 337 sq. km.

The visit was planned for understanding the different components of dam and its function. In engineering, the practical knowledge is also important with curriculum of course, with this consideration the visit was organised. In this visit student get knowledge of dam ie type of dam, its construction process and construction material, different factors affecting on dam site selection, reservoir and its levels, capacity etc.

Ujani dam has lots benefits to Solapur district, dam full fill the all water requirements of the Solapur district the water is used for irrigation, drinking, industrial as well as recreational purposes. Hence this visit provided the knowledge, importance and necessity of dam to particular area.

More than 100 students has participated in this visit. The visit was successfully completed by the effort of honourable Principal Dr. K. J . Karande, Dr. S. S. Kadam HoD Civil Engg dept, Prof. A. A. Kamble, Prof. S. G. Rathod, Prof. M. V. Tondase, Prof. V. S. Bhakare, Prof. S. B. Pawar, Prof. N. S. Khan. And other teaching and non teaching staff of Civil Engineering department.



Study Visit at Ujani Dam