

**Department
of
Civil
Engineering
NEWSLETTER
2024-25**

**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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JUNE 2025

One week FDP on ETABS Software

The Department of Civil Engineering successfully organized a one-week Faculty Development Program (FDP) on ETABS Software from 9th to 13th December 2024. The program aimed to equip faculty members and professionals with advanced knowledge and practical skills in ETABS, a leading structural analysis and design software widely used in the civil engineering field.

Objectives

1. Develop proficiency in modelling, analyzing, and designing multi-story structures.
2. Perform linear and nonlinear structural analysis for building designs.
3. Analyze dynamic responses of structures to wind, vibrations, and seismic activities.
4. Explore advanced modelling techniques, including performance-based design and structure interaction.

Name of Program - One week FDP on ETABS Software

Date – 9th – 13th Dec 2024

Organization – Dept. of Civil Engineering, SKN Sinhgad COE Pandharpur

Resource Person – Mr. Parag Chandrakant Deshmukh

In Collaboration with – CAD Desk Pune, PCERF Pune.



Inauguration of Program with Sarasvati Pooja by dignitaries

Value Addition Program on “Planning and Design of Building Using AutoCAD”

A Value Addition Program on 'Planning and Design Using AutoCAD', organized for the second year students of Civil Engineering in the Department of Civil Engineering at S.K.N.Sinhgad College of Engineering, Korti, Pandharpur, on the subject of preparing draft maps of various projects in the field of civil engineering using modern AutoCAD software, has been concluded, informed Dr. Shriganesh Kadam, Head of the Department of Civil Engineering, and Prof. Ganesh Lakade, Coordinator of this workshop. This workshop was organized under the concept of the Principal of the college, Dr. Kailash Karande, under the guidance of the Head of the Department, Dr. Shriganesh Kadam, and with the excellent planning of the Coordinator Prof. Ganesh Lakade, Co-Coordinator Prof. Shekhar Patil.

A total of 42 students participated in this workshop. In this workshop, the students will prepare the maps required for construction permission using the software AutoCAD for planning I BHK buildings, through which future opportunities will be available to the students. Prof. Ganesh Lakade guided as an expert guide for this workshop. Prof. Shekhar Patil, Prof. Milind Tondase, and other teaching and non-teaching staff of the Department of Civil Engineering worked hard to make this workshop a success.

A Value Addition Program on "Structural Analysis and Design Using STADD Pro Software"

A value addition program on "Structural Analysis and Design Using Stadd Pro" was organized for the third year students of the Civil Engineering Department at S.K.N. Sinhgad College of Engineering, Korti, Pandharpur to understand the concept of structural analysis and design of steel and RCC buildings using the software "Stadd Pro" with demonstrations and the workshop was conducted enthusiastically, informed Dr. Shriganesh Kadam, Head of the Department of Civil Engineering. This workshop was organized under the concept of project-based education of the Principal of the college, Dr. Kailash Karande, under the guidance of Head of the Department, Dr. Shriganesh Kadam and Dean, Dr. Chetan Pise. 45 students who participated in this workshop received expert guidance from Shri Parag Deshmukh, an alumnus of the college and Director of CADD Desk, Balajinagar, Pune. During this time, the students demonstrated the three-dimensional design of industrial sheds, water tanks, towers, and RCC buildings and their analysis, a knowledge that will be of great use to them in the future. All the teachers and non-teaching staff of the Civil Engineering Department put efforts to make this workshop a success.



OUR PLACEMENT

Sr. No.	Name of the student	Company	Package
1	Varsha Bharat Bhosale	Fortress Infracon Ltd.	3.0
2	Ganesh Gorakh Chavan	Fortress Infracon Ltd.	3.0
3	Ketan Shankar Mane	Fortress Infracon Ltd.	3.00
4	Suraj Sanjay Bhore	Fortress Infracon Ltd.	3.00
5	Ganesh Gorakh Chavan	Indovance Pvt. Ltd.	3.00
6	Ganesh Gorakh Chavan	TRU Realty, Mumbai	2.88
7	Chandrashekhar Tanaji Pawar	TRU Realty, Mumbai	2.88
8	Omkar Manohar Kharat	TRU Realty	2.88
9	Agraj Balasaheb Shingade	Digitise IT pvt. Ltd.	2.22
10	Rohan Prabhakar More	Kashec Engineers Pvt. Ltd.	2.00
11	Sandesh Balkrishna Doke	Nikhil Group of Companies	1.98
12	Akash Kalidas Jadhav	Nikhil Group of Companies	1.98
13	Amit Jagannath Khatake	Nikhil Group of Companies	1.98
14	Harshal Dattatray Navale	Nikhil Group of Companies	1.98
15	Sandesh Balkrishna Doke	Nikhil Group of Companies	1.98
16	Shreya Suresh Wangde	Bhate & Raje Construction Co. Pvt. Ltd.	1.80
17	Komal Sanjay Galande	Bhate & Raje Construction Co. Pvt. Ltd.	1.80
18	Ujwala Jalindar Bansode	Bhate & Raje Construction Co. Pvt. Ltd.	1.80
19	Arati Shivaji Dhere	Pioneer Foundation Engineers (P) Ltd.	1.44
20	Komal Sanjay Galande	Pioneer Foundation Engineers (P) Ltd.	1.44
21	Vaibhav Kedar Gidde	Pioneer Foundation Engineers (P) Ltd.	1.44

OUR PLACEMENT

Sr. No.	Name of the student	Company	Package
22	Gitanjali Ananta Terave	Pioneer Foundation Engineers (P) Ltd.	1.44
23	Payal Mohan Babar	Pioneer Foundation Engineers (P) Ltd.	1.44
24	Sahil Hanamant Kolawale	Pioneer Foundation Engineers (P) Ltd.	1.44
25	Ganesh Gorakh Chavan	Pioneer Foundation Engineers (P) Ltd.	1.44
26	Omkar Manohar Kharat	Pioneer Foundation Engineers (P) Ltd.	1.44
27	Varsha Bharat Bhosale	Pioneer Foundation Engineers (P) Ltd.	1.44
28	Pratik Rajendra Salunkhe	Pioneer Foundation Engineers (P) Ltd.	1.44
29	Suraj Sanjay Bhore	Pioneer Foundation Engineers (P) Ltd.	1.44
30	Prapti Prasad Velapurkar	Pioneer Foundation Engineers (P) Ltd.	1.44
31	Rohan Prabhakar More	Pioneer Foundation Engineers (P) Ltd.	1.44
32	Shreya Suresh Wangde	Pioneer Foundation Engineers (P) Ltd.	1.44
33	Aakash Kalidas Jadhav	Pioneer Foundation Engineers (P) Ltd.	1.44

STUDENT ACHIEVEMENT

पुरोगामी विचाराचे

एकमत

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17 Jan 2025

पंढरपूर सिंहगडच्या अभिषेक देवरेला भाभा अणुसंशोधन केंद्राचे राष्ट्रीय पारितोषिक

प्रतिनिधी : पंढरपूर

कोटी ता. पंढरपूर येथील एस. के. एन. सिंहगड कॉलेज मधील त्रितिय वर्ष स्थापत्य अभियांत्रिकीमध्ये शिकत असलेल्या अभिषेक देवरे यास भाभा अणुसंशोधन केंद्र यांच्या वतीने घेण्यात आलेल्या राष्ट्रीय स्तरावरील निबंध स्पर्धेत डॉ. ए. के. गांगुली बेस्ट एसे अर्बॉर्ड, तृतीय क्रमांक मिळाल्याची माहिती कॉलेजचे प्राचार्य डॉ. केलाश करांडे यांनी दिली.

या स्पर्धेमध्ये राष्ट्रीय स्तरावर निबंध मागविण्यात आले होते. एस. के. एन. सिंहगड कॉलेज मधील अभिषेक देवरे याने रॅडिएशन तंत्रज्ञानाचे फायदेशीर परिणाम आणि भारतीय अणुकार्यक्रम या विषयावर ७५० शब्दमर्यादेचा निबंध या स्पर्धेसाठी जमा केला होता. या निबंधास राष्ट्रीय स्तरावरील त्रितिय क्रमांक मिळाला. सदर पारितोषिकाचे



वितरण इंडियन असोसिएशन फॉर रॅडिएशन प्रोटेक्शन यांच्या वतीने घेण्यात येणाऱ्या ३५ व्या राष्ट्रीय परिषदेत दिनांक २९ जानेवारी

२०२५ रोजी मंगलोर विद्यापीठ, मंगळूर, कर्नाटक येथे होणार आहे. यासाठी प्रकाशन अधिष्ठाता डॉ. संपत देशमुख व डॉ. दिपक गानमोटे यांनी समन्वयक म्हणून काम पहिले. यासाठी कॉलेजचे प्राचार्य डॉ. कैलाश करांडे, उपप्राचार्य डॉ. स्वानंद कुलकर्णी, सर्व विभाग प्रमुख तसेच शिक्षक व शिक्षकेतर कर्मचारी यांनी अभिषेक देवरे याचे हार्दिक अभिनंदन केले.

स्वरूप धोकटे याचे गेट परीक्षेत यश



स्वरूप धोकटे

महूद : येथील स्वरूप संजय धोकटे या विद्यार्थ्याने गेट परीक्षेत उल्लेखनीय यश मिळविले आहे. त्याचा आयआयटीमध्ये एम.टेक. अभ्यासक्रमाचा प्रवेश निश्चित झाला आहे. स्वरूप धोकटे याने पंढरपूर येथील सिंहगड कॉलेजमधून बी.टेक. सिव्हिल हा अभ्यासक्रम पूर्ण केला आहे. बी.टेक. सिव्हिलचा अभ्यासक्रम सुरु असतानाच त्याने आयआयटीमधून एम. टेक.

करण्यासाठी गेट ही निवड चाचणी परीक्षा दिली होती. गेट या परीक्षेत त्याने उल्लेखनीय यश मिळविले आहे. त्याची आयआयटीमधून एम.टेक. सिव्हिल अभ्यासक्रमासाठी निवड झालेली आहे. त्याच्या या यशाबद्दल महूद येथील ग्रामस्थांच्या वतीने तसेच विविध संघटनांच्या वतीने सत्कार करण्यात आला आहे.

STUDENT SECTION

ROLE OF CIVIL ENGINEERING IN AGRICULTURE DEVELOPMENT

Civil engineering plays a crucial role in the development of the agriculture sector by providing the infrastructure and systems needed to support efficient, sustainable, and productive farming.

1. Irrigation Infrastructure

Design and construction of canals, dams, and weirs to manage water resources.

Development of efficient irrigation systems like drip and sprinkler irrigation for water conservation and improved crop yield.

2. Water Management and Storage

Construction of reservoirs and water harvesting structures to store rainwater for agricultural use.

Flood control structures (levees, embankments, drainage systems) to protect farmland from water-logging and erosion.

3. Soil Conservation and Land Reclamation

Terracing, contour bunding, and check dams to prevent soil erosion and degradation.

Reclamation of wasteland through engineering interventions for agriculture.

4. Farm Roads and Rural Connectivity

Design and development of rural roads to connect farms with markets, storage facilities, and processing centres, reducing post-harvest losses.

Improved transportation networks to support supply chains.

5. Agricultural Buildings and Storage

Construction of warehouses, silos, and cold storage units to preserve agricultural produce.

Farm infrastructure like barns, greenhouses, and livestock shelters.

6. Drainage Systems

Surface and subsurface drainage systems to prevent waterlogging and improve soil aeration and fertility.

7. Renewable Energy for Agriculture

Solar-powered water pumps and windmills, designed and installed by civil engineers, to support sustainable farming.

8. Mechanization and Farm Infrastructure

Development of processing units, packing houses, and rural industrial hubs to support agricultural industries.



Ms. Pooja Ghayal
SY B Tech