

**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 skilful 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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Planning & Design of Buildings by using REVIT

To pertain the knowledge about the Planning & Design of Buildings and to get an acquaintance to Building Information Modelling i.e. BIM, Department of Civil Engineering, SKN Sinhgad College of Engineering, Pandharpur had organized One week Value Addition Program (VAP) on "Planning & Design of Building using Revit software" for Third Year B. Tech. Civil Students from 27th to 31st August 2022 (5 Days). The students gone through the graphical user interface of REVIT, how to model walls, floors, how to manage families of different components in Revit, they understood the process of creating 3D model of building based on architectural layout, applying material properties, rendering, etc. Also, students learned about how to create deliverable drawing, i.e. layout plan, sections & elevations, etc. using REVIT software. The objective of this VAP is

to provide the knowledge about the Planning & Design of buildings to students so that they will be able to design buildings in better way. Total 12 students from Third year B. Tech. attended this VAP and they were very much satisfied with the knowledge they got during this program. Mr. Parag. C. Deshmukh from 4Dimension Infotech, Pune worked as Trainer for this Value Addition Program, he is also Alumni of this institute from 2019-20 batch, hence it was a great experience for all of us.



Mr. Parag Deshmukh explaining to students during VAP on REVIT

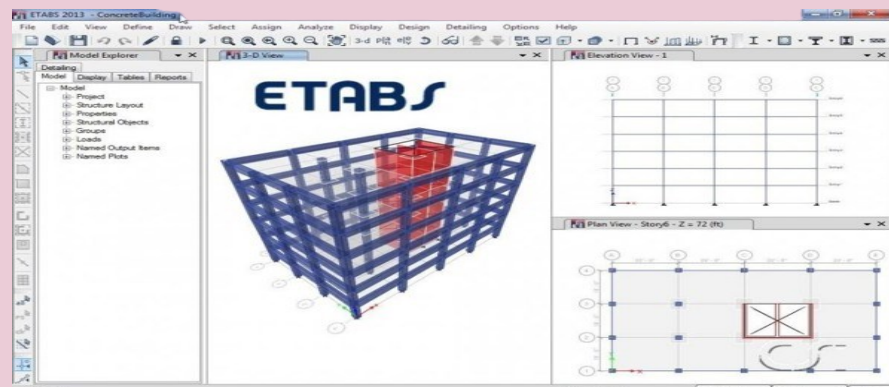
**One Week Value Addition Program on Analysis & Design of RCC Building using
ETABS**

VALUE ADDITION PROGRAM



Prof. G. D. Lakade explaining to students during VAP on ETABS Software

To pertain the knowledge about the analysis & Design of RCC Structures and industrial acquaintances Department of Civil Engineering, SKN Sinhgad College of Engineering, Pandharpur had organized One week Value Addition Program (VAP) on “Analysis & Design of RCC Building using ETABS software” for Final Year B. Tech. Civil Students from 7th to 11th & 17th September 2022 (6 Days). The students understood the process of creating 3D model of building based on architectural layout, applying member properties, applying Loads, analysing the structure and interpreting results obtained. Also, students performed RCC design and detailing using ETABS software. The objective of this VAP is to provide the knowledge about the analysis & Design of RCC Structures to students to be able to design building structural components like Beams, columns & shear walls, etc. 22 students from Final year B. Tech. attended this VAP were very much satisfied with the knowledge they got during this program. Prof. G. D. Lakade worked as Subject expert for this Value Addition Program.



STUDY VISIT COVERING CONSTRUCTION SAFETY



Study Visit

Inside Story Headline

As a part of curriculum, Department of Civil Engineering, SKN Sinhgad College of Engineering, Korti, Pandharpur have arranged a construction site visit for Final Year B Tech students at Sahyadri Nagar, Isabavi, Pandharpur on 06/12/2022.

This visit covered the different aspects of safety. The construction work or site has number of miscellaneous activities, so when working such sites every engineer has responsibility to care all labours and machines.

At visit place, casting of slab at third floor was going on, the casting was with PT type beam. For transport of concrete at third floor, pumps were used with all safety. Also for labours safety shoes, jackets, helmet etc are provided. Other safety related to machines, electrical instruments etc also conducted.

Students aware practically safety as well as slab casting. This study visit was the academic part of final year civil engg syllabus, so students understand the same. The site engineer provided knowledge of other construction activities like planning, handling, execution and maintenance.

Total 70 number of students attended this visit with college faculty. The visit was successfully conducted by Dr. S. S. Kadam (Head, Civil Engg Dept.), Prof. G. D. Lakade, Prof. A. V. Karande, Prof. M. V. Tondase.

PARENT TEACHER MEET

Department of civil Engineering organised PARENT TEACHER MEET on 8th Sept 2022. Prof. Y. P. Pawar worked as a co coordinator of the this meet. This program was started with Sarasvati Puja by Dr. S. S. Kadam HoD Civil Engg dept, Prof. C. M. Deshmukh and Mr. Ashok Gholap parent representative.

Dr. S. S. Kadam introduced the complete information about the department, in that the different course , different activities or program conducted to department and its benefits to growth of student.

The anchoring and vote of thank were given by Prof. Y. P. Pawar. All the teaching and non teaching staff were worked for the successful completion of the program.



Sarasvati Puja ceremony



Felicitation of Class Topper Student

