

BIM SESSION Building Information Modeling, focusing on Revit Software. 2024-25

DATE: 12TH February, 2025 **DAY:** WEDNESDAY
VENUE: 3rd floor seminar hall SKNCOA
ATTENDEES: All the faculties & students from all year of SKNCOA - offline
ORGANISED BY: Prof. Nitin Shiurkar
ADDRESSED BY: Ar. Kalyani N. Junankar
GUEST SPEAKER: Mr. Kaustubh Panse, renowned Author, entrepreneur, business coach, Managing Director of Design studio CAD & IT training institute, Pune.

HIGHLIGHTS:

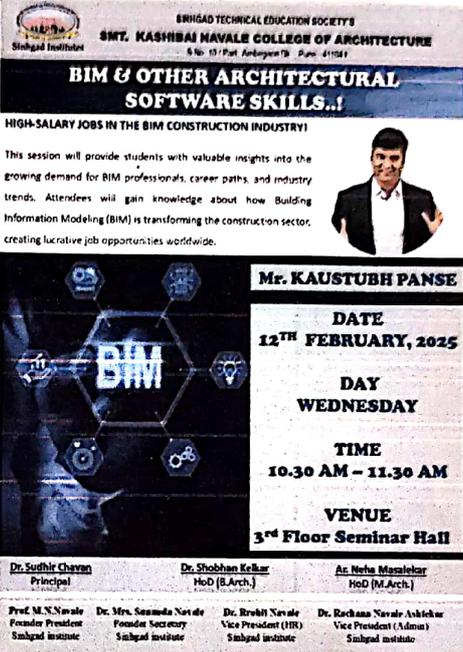
1. Building Information Modeling (BIM) is an intelligent 3D model-based process that facilitates planning, design, construction, and management of buildings and infrastructure. BIM allows architects, engineers, contractors, and owners to collaborate effectively and create more accurate and efficient structures.
2. Unlike traditional CAD software, which produces 2D drawings, BIM incorporates information about a building's design, materials, systems, and components, enabling teams to visualize the project in 3D and make data-driven decisions.
3. Autodesk Revit is one of the most popular BIM software solutions available. It is specifically designed for the architecture, engineering, and construction (AEC) industries and supports the full building lifecycle—from design through construction and into building operation.
4. **Advantages of Revit Software:**
 - a. Design Visualization
 - b. Sustainability and Energy Analysis
 - c. Documentation and Reporting
 - d. Construction Management
 - e. Interoperability
 - f. BIM for Facility Management
 - g. Improved Accuracy
 - h. Efficiency
 - i. Enhanced Collaboration
 - j. Cost Savings
 - k. Lifecycle Management

5. Students Take away for Session:

a) Understanding the Fundamentals of BIM

What is BIM?: Students would gain an understanding of Building Information Modeling as a collaborative, digital process used for designing, constructing, and managing buildings. They would learn how BIM involves the integration of various systems (structural, mechanical, electrical) into a single, intelligent model.

BIM in the Construction Industry: How BIM revolutionizes traditional building processes by enabling better project coordination, fewer errors, and more efficient workflows.



BIM & OTHER ARCHITECTURAL SOFTWARE SKILLS..!
 HIGH-SALARY JOBS IN THE BIM CONSTRUCTION INDUSTRY!
 This session will provide students with valuable insights into the growing demand for BIM professionals, career paths and industry trends. Attendees will gain knowledge about how Building Information Modeling (BIM) is transforming the construction sector, creating lucrative job opportunities worldwide.

Mr. KAUSTUBH PANSE

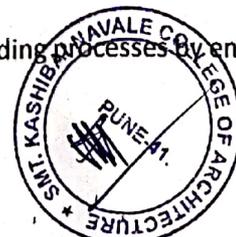
DATE
12TH FEBRUARY, 2025

DAY
WEDNESDAY

TIME
10.30 AM – 11.30 AM

VENUE
3rd Floor Seminar Hall

Dr. Sudhir Chavan Principal
Dr. Shobhan Kelkar HoD (B.Arch.)
As. Neha Masalekar HoD (M.Arch.)
Prof. M.N.Navale Founder President, Sinhgad Institute
Dr. Mrs. Sasandha Navale Founder Secretary, Sinhgad Institute
Dr. Brubhi Navale Vice President (HR), Sinhgad Institute
Dr. Rachana Navale Ashikhar Vice President (Adms), Sinhgad Institute



b) Introduction to Revit Software

Role of Revit in BIM: Students will understand how Revit serves as one of the most widely used BIM tools in the AEC industry. They would learn how it helps in creating detailed 3D models that integrate structural, architectural, and MEP (Mechanical, Electrical, Plumbing) elements.

Revit's Parametric Design: How Revit's parametric system allows for dynamic changes. If a user changes a component in the model, all related components automatically adjust, ensuring accuracy and consistency across the project.

Types of Modeling in Revit: Exploration of the different types of Revit models—architectural, structural, and MEP—and how each plays a role in a comprehensive BIM process.

c) Collaboration and Interoperability in BIM

Collaborative Nature of BIM: How Revit facilitates real-time collaboration among various stakeholders (architects, engineers, contractors) through shared models. This promotes better communication and reduces errors.

Cloud-Based Tools: Introduction to tools like BIM 360, which enhances collaboration and ensures that project



Dr. Shobhan Kelkar
Ho D. / IQAC SKNCOA

Dr. Sudhir Chavan
PRINCIPAL/SKNCOA



YOGA DAY 2024-25

DATE: 25TH June, 2024

DAY: TUESDAY

VENUE: 3rd floor seminar hall SKNCOA

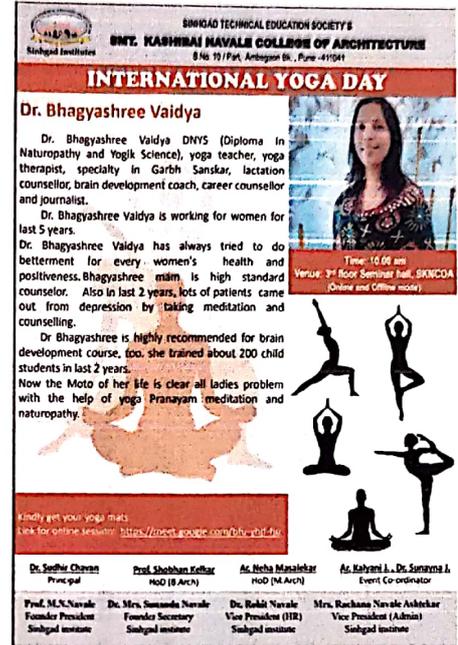
ATTENDEES: All the faculties of SKNCOA & students from 4th year - offline & all other classes - online.

ORGANISED BY: Dr. Sunayana Jadhav & Ar. Kalyani N. Junankar

ADDRESSED BY: Dr. Sunayana Jadhav & Ar. Kalyani N. Junankar

EVENTS:

1. Yoga Day was celebrated at SKNCOA.
2. Dr. Bhagyashree Vaidya was invited to provide information and conduct a yoga training session for everyone.
3. Due to some classes not having started their new session yet, the session was conducted both online and offline.
4. The program began with an introduction and a brief discussion on the importance of yoga.
5. Several faculty members also participated in the session along with the students.



INTERNATIONAL YOGA DAY

Dr. Bhagyashree Vaidya

Dr. Bhagyashree Vaidya DMS (Diploma in Naturopathy and Yogic Science), yoga teacher, yoga therapist, specialty in Garbh Sanskar, lactation counsellor, brain development coach, career counsellor and journalist.

Dr. Bhagyashree Vaidya is working for women for last 5 years.

Dr. Bhagyashree Vaidya has always tried to do betterment for every women's health and positiveness. Bhagyashree mam is high standard counselor. Also in last 2 years, lots of patients came out from depression by taking meditation and counselling.

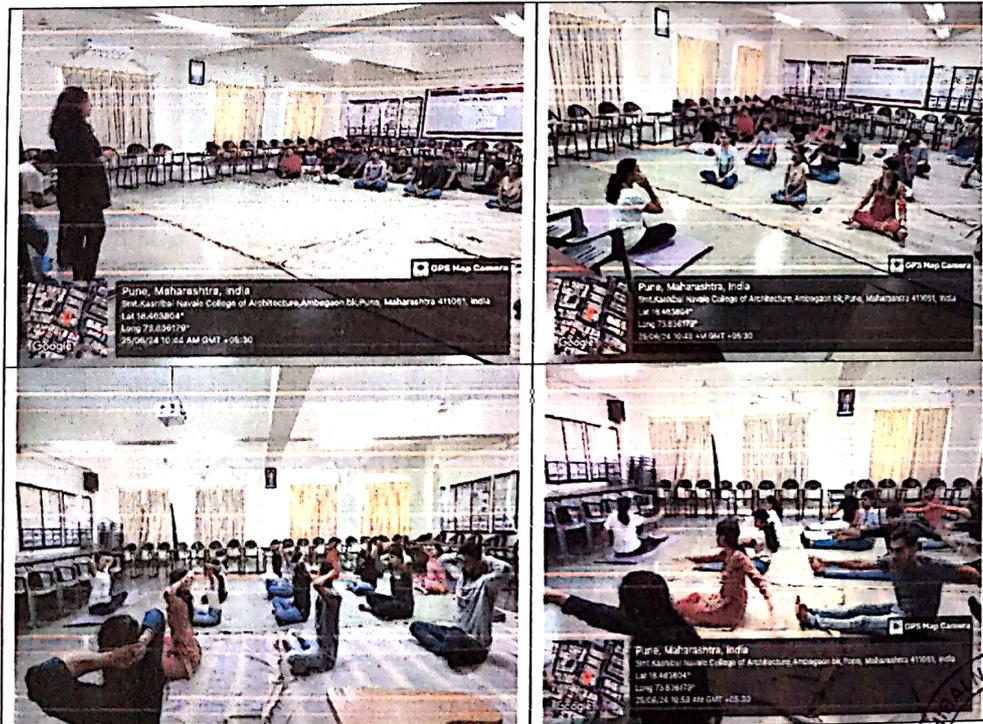
Dr. Bhagyashree is highly recommended for brain development course, too. she trained about 200 child students in last 2 years.

Now the Moto of her life is clear all ladies problem with the help of yoga Pranayam meditation and naturopathy.

Time: 10:00 am
 Venue: 3rd floor Seminar hall, SKNCOA
 (Online and Offline mode)

Kindly get your yoga mat
 Link for online session: <https://zoom.us/j/9207160140>

Dr. Sudhir Chavan Principal	Prof. Shobhan Kelkar HoD (B.Arch)	Ar. Neha Mahalekar HoD (M.Arch)	Ar. Kalyani N. Dr. Sunayana J. Event Co-ordinator
Prof. M.S.N. Narale Founder President Sinhgad institute	Dr. Mrs. Sumanda Narale Founder Secretary Sinhgad institute	Dr. Rohit Navale Vice President (BIR) Sinhgad institute	Mrs. Rashmi Narale Ashikhar Vice President (Admin) Sinhgad institute



Dr. Shobhan Kelkar
 Ho D. / IQAC SKNCOA

Dr. Sudhir Chavan
 PRINCIPAL SKNCOA



FOREIGN LANGUAGE SESSION 24-25

DATE: 10th Oct, 2024, 11th Oct, 2024 & 15th Oct, 2024

VENUE: 3rd floor Computer Lab SKNCOA

ATTENDEES: All the faculties of SKNCOA & students from all classes

ORGANISED BY: Ar. Kalyani N. Junankar

EVENT: Languages Covered:

- English
- Japanese
- German

1. Session Goals:

- English: improving conversational fluency, expanding vocabulary, etc.
- Japanese: mastering hiragana, understanding basic sentence structure, etc.
- German: practicing common phrases, learning verb conjugation, etc.

2. Topics Covered:

English:

- Grammar:
- Vocabulary:
 - New words/phrases
 - Context
- Speaking/Listening Practice:
 - Details on conversation practice, e.g., discussing hobbies, talking about a recent trip, etc.
 - Listening activity: e.g., listening to a short audio clip and answering questions.

Japanese:

- Grammar:
 - particles (は, が, を), basic sentence structure (SVO), etc.
 - sentences: e.g., "私は学生です" (Watashi wa gakusei desu) - "I am a student."
- Vocabulary:
 - New words/phrases: e.g., "ありがとう" (arigatou - thank you), "おはよう" (ohayou - good morning)
 - Context: e.g., greetings, everyday phrases.
- Speaking/Listening Practice:
 - Details on pronunciation practice or drills: e.g., practicing intonation and pitch accent.
 - Listening practice: e.g., listening to a Japanese dialogue and summarizing it.

German:

- Grammar:
 - articles (der, die, das), verb conjugation, or case usage (nominative, accusative).
 - Example sentences: e.g., "Der Hund schläft" (The dog sleeps).
- Vocabulary:
 - New words/phrases: e.g., "freundlich" (friendly), "essen" (to eat), "morgen" (tomorrow)
 - Context: e.g., common expressions in a restaurant or at work.
- Speaking/Listening Practice:
 - Details on speaking: e.g., role-play exercises ordering food or asking for directions.
 - Listening practice: e.g., listening to a German song or short conversation and translating it.

3. Challenges Faced:



FOREIGN LANGUAGE COMMUNICATION SKILL SESSION

DAY 1 Mr. Hiranjan P. Kamble
 He is a dedicated Assistant Professor with 12 years of teaching experience in English language, literature and Communication Skills, he is currently pursuing his Ph.D. in Feminism at Ahmednagar College under SPPU. He has a Master's in English from Pune University.

DAY 2 Ms. Rutava Rajopadhye
 She has completed Global Japanese Language certification JLPT N2. Currently she is working as business analyst for Japan Region in Capgemini India. She has more than 5 years of experience in training students in Japanese language & career guidance.

DAY 3 Ms. Hruti Kulkarni
 She has Completed C1 level of German language from MMB Graduation in German Literature from Pune University. Currently working in a Skoda Auto Volkswagen India as German Analyst.

Venue- 3rd floor AV Room, SKNCOA (Open for all)

Dr. Sushil Chavan Principal
 Dr. Shobhan Kulkarni HOD, B.Arch
 Ar. Kalyani Junankar Event Coordinator

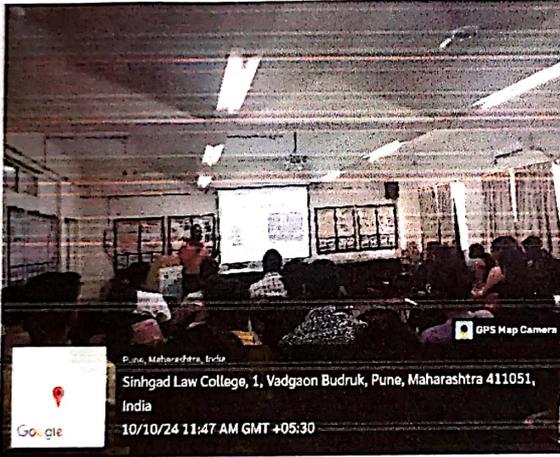
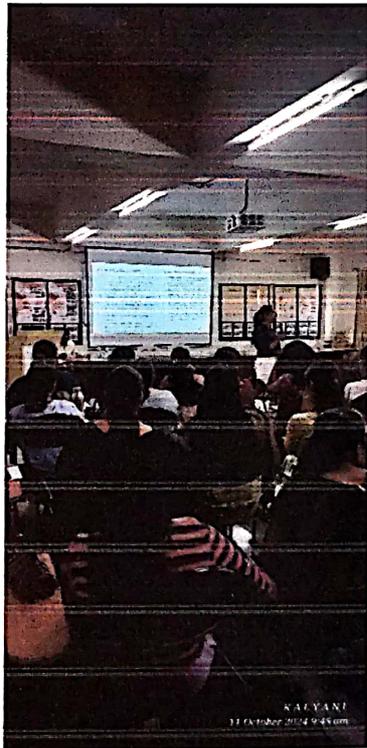
Prof. M.N. Navale Founder President
 Dr. Mrs. Susamma Navale Founder Secretary
 Dr. Rohit Navale Vice President (HR)
 Dr. Rakshana Navale Ashokkar Vice President (Admin)

10-10-2024 THURSDAY Times: 11:00 am English Language
 11-10-2024 FRIDAY Times: 9:00 am Japanese Language
 15-10-2024 TUESDAY Times: 9:00 am German Language

- English:
 - Any difficulties, e.g., struggle with phrasal verbs or word order in complex sentences.
- Japanese:
 - difficulty with kanji recognition or the use of honorifics (keigo).
- German:
 - remembering the case endings for articles or verb conjugation irregularities.

4. Feedback & Progress:

- English:
 - Speaking fluency of students has improved, but they need to keep practicing complex sentence structures.
- Japanese:
 - Students are getting better at recognizing hiragana characters, but need to keep practicing your listening comprehension.
- German:
 - Students are grasping verb conjugations well but should focus on noun genders for articles."

<p>ENGLISH</p>	 <p>GPS Map Camera Pune, Maharashtra, India Sinhgad Law College, 1, Vadgaon Budruk, Pune, Maharashtra 411051, India 10/10/24 11:47 AM GMT +05:30</p>	
<p>JAPANESE</p>	 <p>FASTANI 11 October 2024 19:10:08</p>	 <p>KALYANI 11 October 2024 19:45:08</p>
<p>GERMAN</p>		 <p>KALYANI 11 October 2024 19:45:08</p>

Ar. Kalyani N. Junankar
 Event Co-ordinator

Dr. Shobhan Kelkar
 HoD. B. Arch.

Dr. Sudhir Chavan
 Principal



	SMT. KASHIBAI NAVALE COLLEGE OF ARCHITECTURE, AMBEGAON, PUNE	
ACADEMIC YEAR 2024- '25	YEAR: FY & SY B. ARCH	TERM: II
ANVESHANAM COMPETITION REPORT		

Topic of study: COMPETITION BASED ON STUDY TOUR WORK AT SCOA	
Site Address: SINHGAD COLLEGE OF ARCHITECTURE, VADGAON BUDRUK	
Date/Time: Tuesday 25 Feb. 2025	
No of students: 20+25	

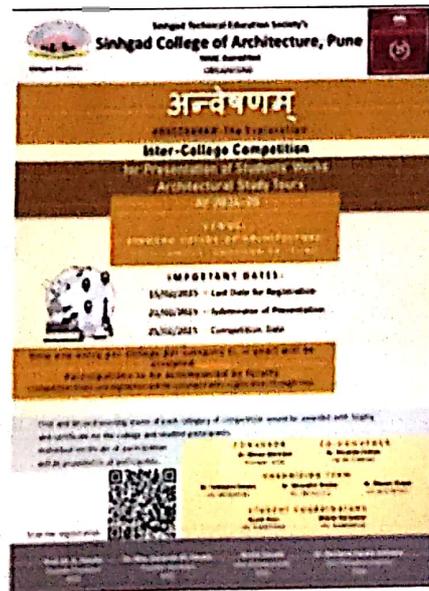
The Study Tour Competition was organized for the first- and second-year students by Sinhgad College of Architecture with the objective of enhancing experiential learning through direct observation and architectural documentation. The tour aimed to expose students to significant architectural sites, structural systems, spatial planning concepts, and material usage in real-life contexts. This report summarizes the tour activities, learning outcomes, and the results of the design/documentation competition conducted afterwards. Students were guided by First and Second Design Faculty.

Objectives of the Study Tour

1. To provide students with exposure to historical, vernacular, and contemporary architectural works.
2. To help students understand construction techniques, building materials, and climate-responsive design.
3. To develop observational, analytical, and sketching/documentation skills.
4. To foster teamwork, critical thinking, and creative design responses.
5. To encourage competitive learning through post-tour design/documentation presentations.

ANVESHANAM – Competition of Presentation of Students’ Works of Architectural Study

The event was held on Tuesday, 25th February 2025 at the college campus. The competition provided a platform for First & Second B.Arch. students to exhibit their learning, observations, and creative documentation from the tours. It aimed at fostering analytical skills, encouraging peer learning, and appreciating diverse architectural experiences gained through study tours.



Learning Outcome-

The Study Tour Competition successfully bridged theoretical learning with practical exposure for first- and second-year architecture students. The initiative strengthened foundational architectural skills and inspired students to approach design with a deeper understanding of context and built form. The department plans to continue such study tours annually to ensure continuous experiential learning.

PHOTOS: Supportive photographs (min.4)



STUDENTS PARTICIPATION PHOTOGRAPHI



Faculty Names & sign	Ar. Purva Kulkarni
Report prepared by	Ar. Purva Kulkarni
Faculty Designation	Asst. Professor
Faculty Mobile Number	9421124077
Faculty Email id	Purvakulkarni.skncoa@sinhgad.edu



