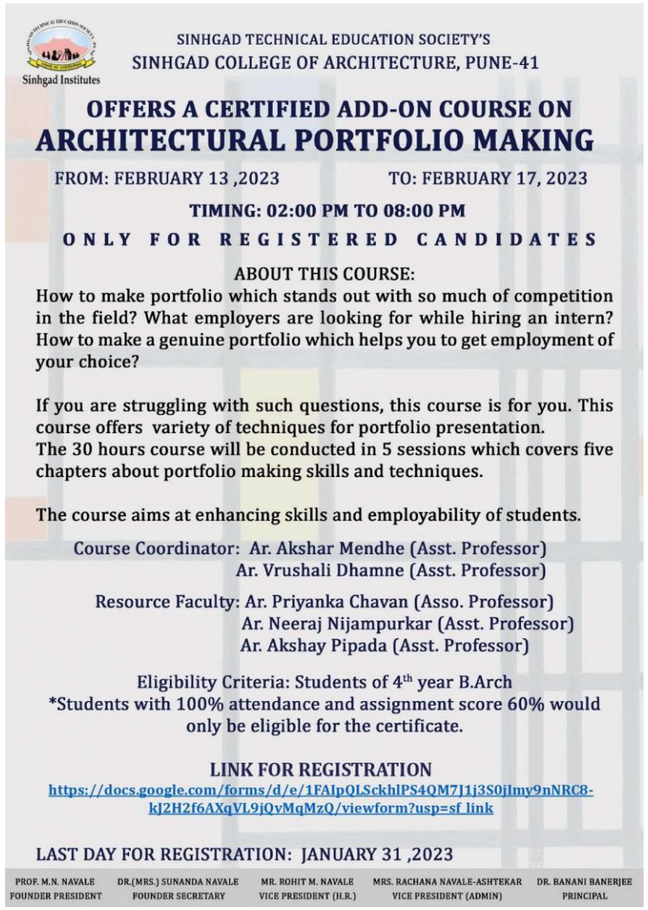
ADD ON COURSE 2022 - 2023

Name of the Course: Architecture Portfolio making

Duration of the Course: 13nd to 17th February 2023

Poster of the Event



Course details:

- **Title of the course:** Architecture Portfolio making
- **Course Duration and timings:** Offline course of 30 hours: one-week course - 5-weekdays daily 6 hours
- **Date:** 13nd to 17th February 2023 (2.00 to 8.00 pm) Offered to Students of Fourth year of SCOA
- **Mode of teaching:** PPT, Movie Play, live demonstration, Discussions, etc.
- **Course Coordinator:** Ar. Akshar Mendhe, Ar. Vrushali Dhamne
- **Resource persons:** Ar. Priyanka Chavan, Ar. Akshay Pipada Ar. Neeraj Nijampurkar

Course Objective:

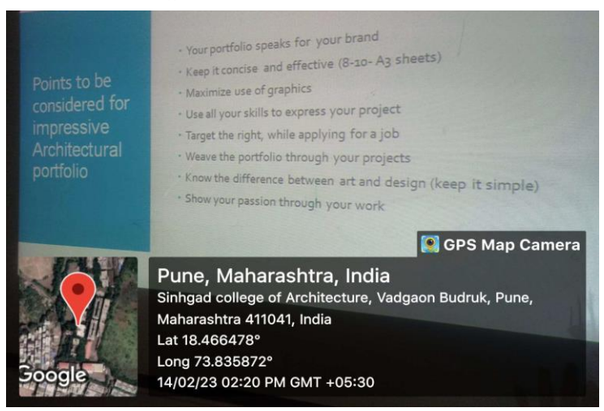
A certificate Course under IQAC of SCOA was offered to the students of Fourth Year B.Arch. beyond the curriculum delivery. These students need to make their portfolio for applying to architectural offices for practical training of Semester IX. It was found from the feedback of professional architects that most of the portfolios sent to their offices do not reveal the students' Design ability, technical understanding, and other creative ability clearly. With this objective, the course was designed for enhancing skills of portfolio making and to expand employability of students. A series of meetings were organized and selected faculty members of SCOA were appointed to conduct the course.

Day wise Details:

- **Day 1:** Introduction to Course AND CV
- **Day 2:** Content of Portfolio
- **Day 3:** Understanding portfolio from practitioner point of view
- **Day 4:** Software Uses
- **Day 5:** Alumni Experience sharing, internship training and concluding session

Presentation by the resource people

Group of students and Alumni.



Demonstration by Faculty

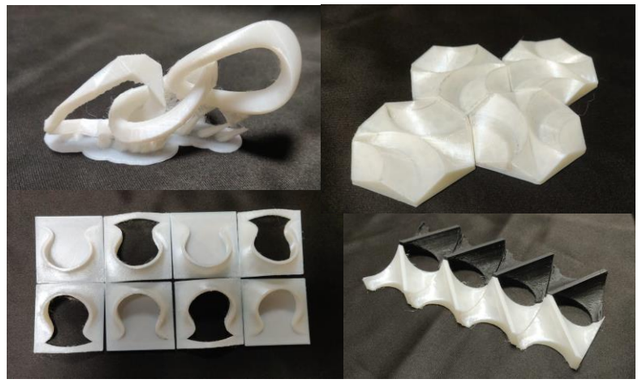
Discussion session

ADD ON COURSE 2022 - 2023

Name of the Course: Parametric modelling

Duration of the Course: 12th to 23rd September 2022

Poster of the Event



Sample of Students work

Course details:

Title of the course: PARAMETRIC MODELLING

- **Date:** 12th to 23rd September 2022
- **Course Duration and timings:** 10 Days, every day 02:00 p.m. To 5:00 p.m.
  For students of B. Arch 3rd, 4th and 5th Year B.Arch SCOA
- **Course Coordinator:** Ar. Ankoor Patil, Ar. Saajan Mehta, M.Arch Department of SCOA
- **Resource persons:** Ar. Ankoor Patil, Ar. Saajan Mehta, M.Arch Department of SCOA, Er. Ashish Dharme, SKNCOE.

Course Objective:

A certificate offline Course under IQAC of SCOA was offered to the students of Third year through Fifth Year B.Arch. beyond the curriculum delivery. The course has been designed to acquaint students with knowledge of Rhino 3D and application of parametric modelling in design. The course aims at enhancing skills and employability of students.

Day wise Details:

- **Day 1**: Installation and discuss Concept of parametric design. Introduction to rhino Interface.
- **Day 2**: Basic tools
  Surface generation - surface from points / grid/ edges, Patch, rectangle surface.
- **Day 3:** Intermediate tools
  2D modifiers - Fillet/chamfer/blend curves, Contour, offset curve.
- **Day 4:** Advanced tools
  Loft, sweep 1, sweep 2, revolve(repeat), Pipe, Cap, extrude surface. Practice geometry.
- **Day 5:** Revision doubt solving. Preparing CAD file for import in rhino. Start making object for 3D Printing on Monday.
- **Day 6:** File preparation and checking before 3D printing. 3D printing. Any other rhino doubts
- **Day 7:** File preparation and checking before 3D printing. 3D printing. Any other rhino doubts
- **Day 8:** Grasshopper basic introduction, quick scripts, etc. Start final presentation compilation.
- **Day 9:** Grasshopper basic introduction, quick scripts, etc. Start final presentation compilation.
- **Day 10:** Final presentation and showcase workshop output in college.

Presentation by the resource people

Students engaged in the work.

ADD ON COURSE 2022 - 2023

Name of the Course: Tools for documenting architectural heritage

Duration of the Course: 23rd January 2023 to 3rd February 2023

Poster of the Event

Course details:

Title of the course: Tools for documenting architectural heritage

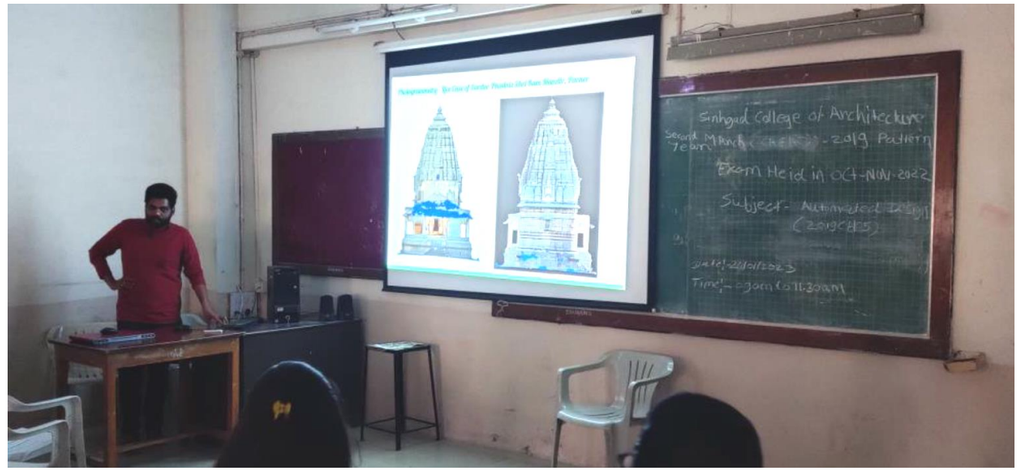
- **Date:** 23rd January 2023 to 3rd February 2023
- **Course Duration and timings:** 10 days, everyday 2:00 pm to 4:00 pm. (Weekends 8hrs on site).
  For students of B. Arch 3rd, 4th and 5th Year B.Arch SCOA
- **Course Coordinator:** Dr. Pranoti Lad, Ar Nikita Jadhav
- **Resource persons:** Ar Priyanka Gite, Ar Swpnali Ladpatil, Ar Neeraj Godse

Course Objective:

To introduce heritage and its objectives. To introduce various tools of documentation for the students to get acquainted with the same. To learn application of tools w.r.t a live case study. To produce outputs of various applications studies.

Day wise Details:

- **Day 1**: Introduction to a heritage, architectural heritage, and various architectural typologies
- **Day 2**: Introduction to various tools for the documentation of heritage structures (Photogrammetry)
- **Day 3:** Introduction and types of documentations, Introduction to heritage photography
- **Day 4:** Discussion on queries and Assignment 1, 2 and 3
- **Day 5:** Case study of lakdi pul Vitthal Mandir, Pune
- **Day 6:** Case study Documentation on AutoCAD
- **Day 7:** Discussion on queries and Case study Documentation on AutoCAD
- **Day 8:** Advanced tools used for heritage documentation Thermography and NDT
- **Day 9:** Thermography and NDT
- **Day 10:** Sum up session/Feedback form/Certificate distribution



Presentation by the resource people

On site documentation with sketches and photographs

Demonstration by Faculty

Students engaged in the work.