

Education is the manifestation of perfection already exists in human
Swami Vivekananda

SINHGAD TECHINICAL EDUCATION SOCIETY'S
SINHGAD COLLEGE OF ARCHITECTURE,
PUNE
NAAC accredited



ANNUAL REPORT
2022-23

Recognized by the Government of Maharashtra (AR 6263)
Approved by the Council of Architecture (MH33)
Affiliated to the Savitribai Phule Pune University
(ID NO.PU/PN/Eng/1512000)

SINHGAD TECHNICAL EDUCATION SOCIETY

THE LEADERS



Prof. M. N. Navale
Founder President



Dr. Sunanda M. Navale
Founder Secretary



Dr. Rohit M. Navale
Vice President (HR)



**Mrs. Rachana Navale
Ashtekar**
Vice President (Admin)

SINHGAD INSTITUTES



**Committed to Offer
Quality Education
Pre-primary to Doctoral Studies**

**12 Campuses
85 Institutes
7000+ faculty and staff
70,000+ students**

SINHGAD COLLEGE OF ARCHITECTURE



NAAC accredited
Established in 2000
TWO DECADES OF ACADEMIC
EXCELLENCE

Sinhgad College of Architecture, under the banner of Sinhgad Technical Society was established in 2000 in a self-contained campus on scenic and tranquil hillock in Pune city, at the right ambience for learning, to stimulate the brain and to groom talent.

Offers

B. Arch.

(Since 2000-01) (160 Intake)

M. Arch. (Architectural Conservation)

(Since 2006-07) (10 Intake)

M. Arch. (Computer Application)

(Since 2007-08) (10 Intake)

PhD in Architecture

(Since 2008-09 to 2018)



Dr. Banani Banerjee
Principal

Swami Vivekananda believed education is the manifestation of perfection already exists in human. We do consider that education system should not be mere collection of information, rather needs to be human-making to enable students to be aware of self and the real world. Education refers to a wide spectrum of activities where students avail opportunities to develop their abilities in a holistic manner to develop generic skills, application skills and life skills.

We have prepared an enriched and blended teaching-learning strategy for holistic development of learners in a conducive academic environment where expert educators would prepare learners to make students socially, intellectually and emotionally tolerant and sensitive.

In accordance with our vision and mission, we frame our teaching-learning policy focusing on quality assured outcome-based education system towards making of multidisciplinary knowledge hub as recommended in the National Education Policy 2020.

We, at SCOA provide all facilities and pay full attention to mould the students as sensitive, creative, practical, dutiful and ethical architects to serve the society. Competent faculty, state-of-the-art infrastructural facilities are provided to fulfil our aim.

OUR VISION

“to create a milieu for crafting
sensible & responsible architects for the society”

OUR MISSION

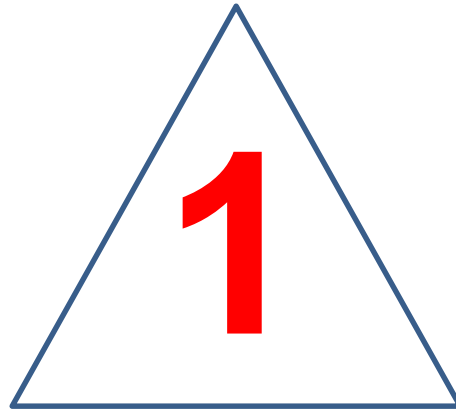
Committed to offer quality education in a conducive academic environment to learn, demonstrate & progress for both students and teachers to provide all-round development and excellence in curricular program, co-curricular & extra-curricular activities

SCOA AT A GLANCE

No of years	Academic year	courses	Intake
1 to 6	2000-01 to 2005-06 (6 years)	B. Arch.	40
7	2006-07 (B. Arch (Interior Design) started	B. Arch. B. Arch. (ID) started with 40 intake	40 80
8 to 11	2007-08 to 2011-12 (4 years)	B. Arch. & B. Arch. (ID)	80 (40+40)
12	2011-12 (B. Arch (Construction Management) started & 40 intake addition to B. Arch.)	B. Arch. & B. Arch. (ID) B. Arch (CM) with 40 intake & B. Arch. additional intake	80 (40+40) 160 (40+40+40+40)
13	2012-13 (All B Arch)	B. Arch. (ID & CM converted to B. Arch)	160
14 to 23	2013-14 to 2023-24 (10 years)	B. Arch.	160
M.ARCH.			
1	2006-07	M. Arch. (Architectural Conservation) started	20
2 to 13	2007-18 (12 yrs)	M. Arch. (AC)	20
14	2018-20 (2 yrs)	M. Arch (AC)	10
15 to 18	2020-21 to 2023-24 (4 years)	M. Arch. (Architectural Conservation)	20
1	2007-08	M. Arch. (Computer Applications) started	20
2 to 12	2008-18 (11 yrs)	M. Arch. (CA)	20
13	2018-20 (2 years)	M. Arch. (Computer Applications)	10
14 to 17	2020-21 to 2023-24 (4 years)	M. Arch. (Computer Applications)	20
PHD			
	2011-12	Phd Program started	

NAAC CYCLE 2 PERIOD		
YEAR		
2018-19	COMPLANCES AS PER RECOMMENDATIONS & MANNUAL OF 2017	RECEIVED CYCLE 1 ACCREDITATION – NOVEMBER 2018
2019-20	MANNUAL OF 2017	Partly pandemic
2020-21	MANNUAL OF 2020	Pandemic
2021-22	MANNUAL OF 2020 SOP, BENCHMARK	Partly Pandemic
2022-23	MANNUAL OF 2020 SOP (REVISED MAY 2023)	
2023-24	ONGOING	

CRITERION I: CURRICULAR ASPECTS



Criterion 1: Curricular Aspects

Key Indicators

- 1.1 Curriculum Planning and Implementation**
- 1.2 Academic Flexibility**
- 1.3 Curriculum Enrichment**
- 1.4 Feedback System**

CURRICULUM: SPPU SYLLABUS

SYLLABUS (formulated by SPPU) (2019 Pattern)

B. Arch.		M. Arch.	M. Arch.
FIRST YEAR		(Architectural Conservation)	(Computer Applications)
TERM I	TERM II	FIRST YEAR (2019 Pattern)	FIRST YEAR (2019 Pattern)
SEMESTER I <ul style="list-style-type: none"> • Basic design • Building Construction Material I • Theory of Structures I • Architectural Graphics and Drawing I • History of Architecture and Culture I • Communication skills • Workshop I • Audit course 	SEMESTER II <ul style="list-style-type: none"> • Architectural Design I • Building Construction Material II • Theory of structures II • Architectural Graphics and Drawing II • History of Architecture and Culture II • Fundamentals of Architecture • Workshop II • Audit course 	SEMESTER I <ul style="list-style-type: none"> • Conservation Studio I • Elective I • Introduction to conservation • Material Culture Studies • Planning Theory • Structural Conservation I 	SEMESTER I <ul style="list-style-type: none"> • Digital Design Studio I • Elective I • Digital Tools & Techniques I • Digital Design Theory I • Automated Design • Digital Fabrication
SECOND YEAR		SEMESTER II <ul style="list-style-type: none"> • Conservation Studio II • Elective II • History, Theory and Criticism • Conservation Management • Research I • Structural Conservation II 	SEMESTER I <ul style="list-style-type: none"> • Digital Design Studio II • Elective II • Digital Tools & Techniques II • Digital Design theory II • Research I • Computer Graphics
SEMESTER III <ul style="list-style-type: none"> • Architectural Design II • Building Construction & Materials III • Theory of Structure III • Computer Aided Drawing & Graphics • Building Services I • History of Architecture and Culture III • Climatology • Audit course 	SEMESTER IV <ul style="list-style-type: none"> • Architectural Design III • Building Construction & Materials IV • Theory of Structure IV • Environmental Science • Building Services II • History of Architecture and Culture IV • Site Survey & Analysis • Audit course 	SECOND YEAR	SECOND YEAR
THIRD YEAR		SEMESTER III <ul style="list-style-type: none"> • Conservation Studio III • Research II • Conservation Practices and Training • Cultural Landscape • Conservation Legislation • Heritage Risk Assessment and Mitigation 	SEMESTER III <ul style="list-style-type: none"> • Digital Design Studio III • Research II • Digital Practices & Professional Training • Interaction Design • Smart materials & advanced • Computational Design Skills
SEMESTER V <ul style="list-style-type: none"> • Architectural Design IV • Building Construction & Materials V • Theory of Structure V • Building Services III • Landscape Architecture • Working Drawing I • Elective I (Contemporary Architecture) • Audit Course 	SEMESTER VI <ul style="list-style-type: none"> • Architectural Design V • Building Construction & Materials VI • Theory of Structure VI • Building Services IV • Research in Architecture I • Working Drawing II • Elective II(Contemporary Architecture) • Audit Course 	SEMESTER IV <ul style="list-style-type: none"> • Conservation Project • Elective III 	SEMESTER I <ul style="list-style-type: none"> • Project • Elective III
FOURTH YEAR			
SEMESTER VII <ul style="list-style-type: none"> • Design VI • Advanced Building Construction & Science I • Urban Studies I • Research in Architecture II • Quantity Surveying & Specification Writing I • Professional Practice • Elective III 	SEMESTER VIII <ul style="list-style-type: none"> • Design VII • Advanced Building Construction & Science II • Urban Studies II • Quantity Surveying & Specification Writing II • Project Management • Elective IV • Elective V 		
FIFTH YEAR (2015 Pattern)			
SEMESTER IX <ul style="list-style-type: none"> • Practical Training 	SEMESTER X <ul style="list-style-type: none"> • Architectural Project (Thesis) • Elective IV (Management) 		

SSPU CURRICULUM (2019) PLANNING

- SCOA implements for B.Arch. & M.Arch. as affiliated institute of SPPU
- Examinations as directed by SPPU

FACULTY CONTRIBUTION CURRICULUM PLANNING:

- Member of BOS of SPPU (at time of syllabus preparation)
- Subject wise syllabus committee coordinator and members
- Subject wise e-content preparation coordinator and members
- curriculum revision committee coordinators and members
- Curriculum content distribution for time to time amendments (pandemic)
- Chairperson for setting of question papers
- Members of Assessment /moderation of answer papers

ACADEMIC FLEXIBILITY

Value Added Courses

- Short-term courses (30 hours) on topics not included in syllabus are conducted
- Aim to increase employment opportunity and to acquaint students with essential knowledge required for contemporary development in the profession
- Enhances and provide opportunities to faculty to pursue specialized fields for conducting courses
- Online classes are conducted with a high-breed mode of practical assignments

EFFECTIVE IMPLEMENTATION OF CURRICULUM

EFFECTIVE IMPLEMENTATION OF CURRICULUM

Objectives:

- to set a benchmark focusing on progressive quality enhancement
- To adopt a mechanism for planning, implementation, evaluation and documentation simultaneously
- **Decentralized, tiered and stage wise system for B.Arch.**
 - 4 divisions with an equal number of students and faculty in each division
 - 5-tiered curriculum delivery system adapted comprising of Principal, HOD, Division, heads, Year and Subject Coordinators
 - each semester is divided into four quarters of one month each
- **Teaching load distribution**
 - faculty as per their expertise, experience, and preferences
 - junior teachers initially associate seniors to learn
- **Pedagogy**
 - focuses on majorly three parameters with variations of weightage
 - Theoretical, practical/ demonstration of projects, research for most of the subjects.
- **Outcome Based Planning**
 - Session and lesson plans in accord with COs
 - Assignment briefs, Expected outcome
- **Meticulous Teaching schedule**
 - teaching schedule for each class for each semester for each subject prepared with
 - all internal progressive evaluation dates as submission and jury for all subjects, co and extracurricular activities,
- **Student-centric methods**
 - interactive, innovative, experiential teaching-learning methods
 - site visits, experts, workshops
- **Uniformity and quality of teaching and output**
 - Session and Lesson Plans by subject coordinator teams of all divisions
 - Progressive Reviews in monthly/ quarter meetings

CURRICULUM ENRICHMENT

B. Arch. SYLLABUS (SPPU- 2019 & 2015 Pattern)	
TERM I	TERM II
FIRST YEAR	
SEMESTER I <ul style="list-style-type: none"> Basic design Building Construction Material I Theory of Structures I Architectural Graphics and Drawing I History of Architecture and Culture I Communication skills Workshop I Audit course 	SEMESTER II <ul style="list-style-type: none"> Architectural Design I Building Construction Material II Theory of structures II Architectural Graphics and Drawing II History of Architecture and Culture II Fundamentals of Architecture Workshop II Audit course
SECOND YEAR	
SEMESTER III <ul style="list-style-type: none"> Architectural Design II Building Construction & Materials III Theory of Structure III Computer Aided Drawing & Graphics Building Services I History of Architecture and Culture III Climatology Audit course 	SEMESTER IV <ul style="list-style-type: none"> Architectural Design III Building Construction & Materials IV Theory of Structure IV Environmental Science Building Services II History of Architecture and Culture IV Site Survey & Analysis Audit course
THIRD YEAR	
SEMESTER V <ul style="list-style-type: none"> Architectural Design IV Building Construction & Materials V Theory of Structure V Building Services III Landscape Architecture Working Drawing I Elective I (Contemporary Architecture) Audit Course 	SEMESTER VI <ul style="list-style-type: none"> Architectural Design V Building Construction & Materials VI Theory of Structure VI Building Services IV Research in Architecture I Working Drawing II Elective II(Contemporary Architecture) Audit Course
FOURTH YEAR	
SEMESTER VII <ul style="list-style-type: none"> Architectural Design VI Advanced Building Construction & Science I Urban Studies I Research in Architecture II Quantity Surveying & Specification Writing I Professional Practice Elective III 	SEMESTER VIII <ul style="list-style-type: none"> Architectural Design VII Advanced Building Construction & Science II Urban Studies II Quantity Surveying & Specification Writing II Project Management Elective IV Elective V
FIFTH YEAR (2015 Pattern)	
SEMESTER IX <ul style="list-style-type: none"> Practical Training 	SEMESTER X <ul style="list-style-type: none"> Architectural Design Project (Thesis) Elective IV (Management)

PROFESSIONAL ETHICS:

Communication skills- Sem I
 Professional Practice – Sem VII
 Project Management – Sem VIII
 Practical Training - Sem IX

HUMAN VALUES:

History of Architecture & Culture – Sem I to V
 Urban studies – Sem VII, VIII

ENVIRONMENT & SUSTAINABILITY:

Climatology – Sem II
 Landscape architecture – Sem V
 Environmental Science – Sem IV

Holistic knowledge of all above -

Architectural Design – Sem II to X

CURRICULUM ENRICHMENT

M. Arch. SYLLABUS (SPPU -2019 Pattern)	
M. Arch. (Architectural Conservation)	M. Arch. (Computer Applications)
FIRST YEAR (2019 Pattern)	FIRST YEAR (2019 Pattern)
<p>SEMESTER I</p> <ul style="list-style-type: none"> • Conservation Studio I • Elective I • Introduction to conservation • Material Culture Studies • Planning Theory • Structural Conservation I <p>SEMESTER II</p> <ul style="list-style-type: none"> • Conservation Studio II • Elective II • History, Theory and Criticism • Conservation Management • Research I • Structural Conservation II <p style="text-align: center;">SECOND YEAR</p> <p>SEMESTER III</p> <ul style="list-style-type: none"> • Conservation Studio III • Research II • Conservation Practices and Training • Cultural Landscape • Conservation Legislation • Heritage Risk Assessment and Mitigation <p>SEMESTER IV</p> <ul style="list-style-type: none"> • Conservation Project • Elective III 	<p>SEMESTER I</p> <ul style="list-style-type: none"> • Digital Design Studio I • Elective I • Digital Tools & Techniques I • Digital Design Theory I • Automated Design • Digital Fabrication <p>SEMESTER I</p> <ul style="list-style-type: none"> • Digital Design Studio II • Elective II • Digital Tools & Techniques II • Digital Design theory II • Research I • Computer Graphics <p style="text-align: center;">SECOND YEAR</p> <p>SEMESTER III</p> <ul style="list-style-type: none"> • Digital Design Studio III • Research II • Digital Practices & Professional Training • Interaction Design • Smart materials & advanced • Computational Design Skills <p>SEMESTER I</p> <ul style="list-style-type: none"> • Project • Elective III

M.Arch. (Architectural Conservation)
History, Theory and Criticism
Conservation Practices and Training
Conservation Studios
Conservation legislation

M.Arch. (Computer Applications)
Digital Practice and Professional Training
Digital Design Studios

CRITERION II: TEACHING-LEARNING AND EVALUATION



2

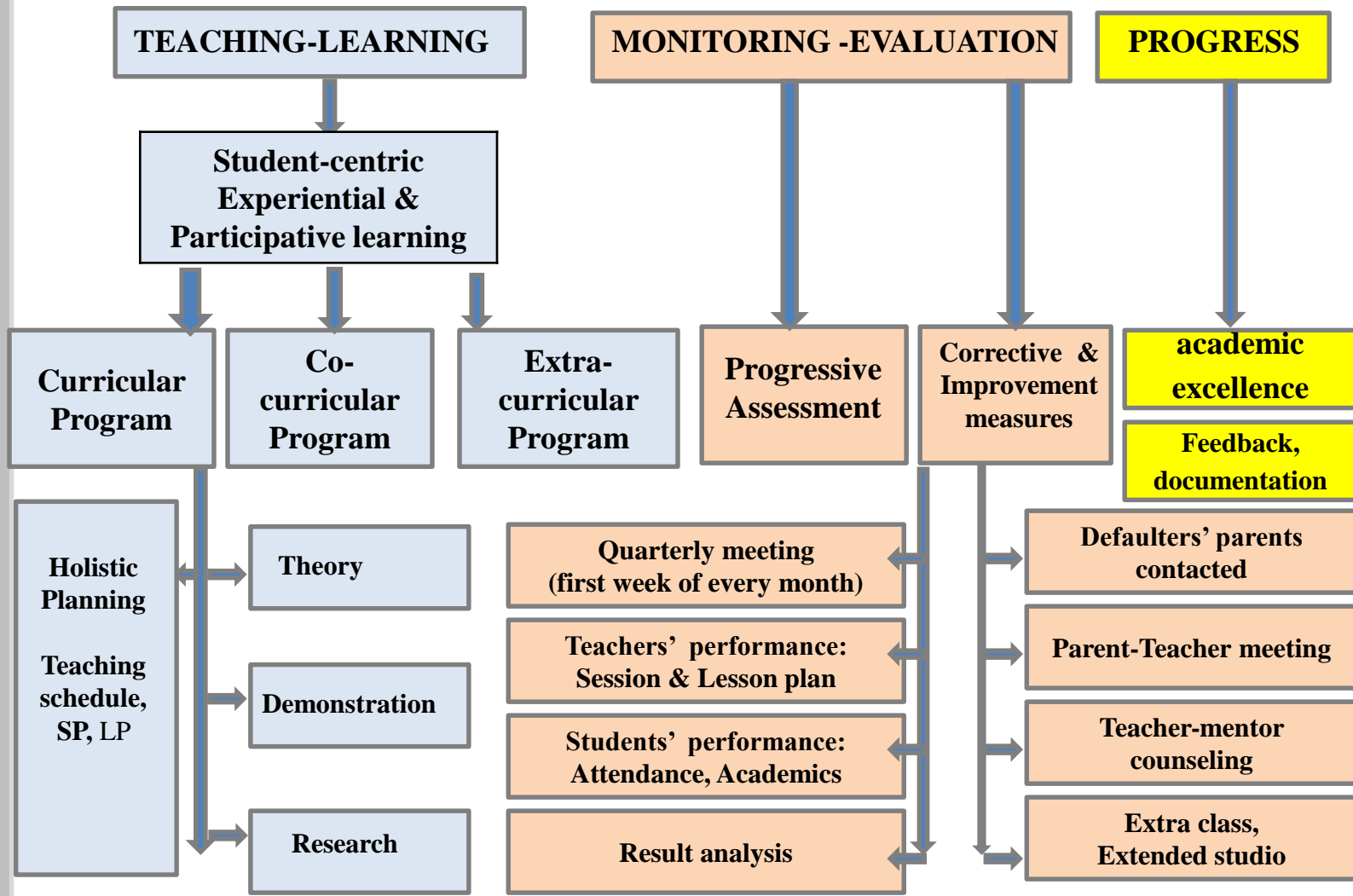
KEY INDICATORS

- 2.1 Student Enrolment and Profile
- 2.2 Student Teacher Ratio
- 2.3 Teaching Learning Process
- 2.4 Teacher Profile and Quality
- 2.5 Evaluation Process and Reforms
- 2.6 Student Performance and Learning Outcomes
- 2.7 Student Satisfaction Survey

TEACHING LEARNING PROCESS- STRATEGY

TEACHING-LEARNING OBJECTIVE		
All-round Development & Academic Excellence		
<i>CURRICULAR</i> SPPU Program	<i>CO-CURRICULAR</i> Supporting Curricular	<i>EXTRA-CURRICULAR</i> All-round Development
<p style="text-align: center;">Teaching- learning</p> <ol style="list-style-type: none"> 1. Theoretical: classroom teaching 2. Practical / Demonstration: Studio 3. Research: in-depth study <ul style="list-style-type: none"> • individual / group assignments • Beyond classroom <p style="text-align: center;">Evaluation</p> <ol style="list-style-type: none"> 1. Progressive assessment 2. Jury, examination 3. Parents-Teachers meeting 4. Teacher-mentor counseling <p style="text-align: center;">Progress</p> <ol style="list-style-type: none"> 1. Feedback 2. Reform <p style="text-align: center;">Documentation</p> <ol style="list-style-type: none"> 1. Students' works 2. Academic 	<p>Site Visit</p> <p>Study Tour</p> <p>Hands-on Workshop</p> <p>Seminar</p> <p>Conference</p> <p>Competition</p> <p>Guest / Expert Lecture</p> <p>Reading sessions</p> <p>Quiz, Debate</p> <p>Group Discussions</p> <p>Exhibition</p> <p>Wall Magazine</p> <p>News Letter</p> <p>Annual Magazine</p> <p>Induction, Orientation</p> <p>Convocation</p> <p>NASA</p>	<p>Sports</p> <p>Cultural</p> <p>Freshers' Welcome</p> <p>Farewell function</p> <p>Alumni Association</p> <p>Movie club</p> <p>Social Welfare Program</p> <p>Eco-club</p>

TEACHING LEARNING PROCESS



FACULTY PROFILE & QUALITY




















SCOA FACULTY & STAFF 2022-23				
(Eligibility as per COA & SPPU norms)				
	FACULTY	/	@	
		COA	SCOA	
1	Principal	1	1	1
B.ARCH.				
2	Professor	5	5	
3	Associate Professor	13	13	
4	Assistant Professor	38	38	
	Total		56	56
M.ARCH. (Architectural Conservation)				
5	Professor	1	1	
6	Associate Professor	1	1	
7	Assistant Professor	3	3	
	Total		3	3
M.ARCH. (Computer Applications)				
8	Professor	1	1	
9	Associate Professor	1	1	
10	Assistant Professor	1	1	
	Total		3	3
	Grand Total			63
STAFF				
11	Librarian & Asst. Librarian		1+1	
7	Admin & Finance staff	As per COA norms		
8	Peons & sweepers			

FACULTY PROFILE






Dr. Ranati Banerjee, Principal SOA
B.Sc. in Architecture, University of Calicut
M.Sc. in M.C.P. IIT, Bangalore
Ph.D., CPRT University, Ahmedabad

B.A.R.C.H. DIVISION A	B.A.R.C.H. DIVISION B	B.A.R.C.H. DIVISION C	B.A.R.C.H. DIVISION D
 Prof. Vidya Prasad (Ph.D.) B.Sc. in Architecture of University of Calicut, India M.Sc. (Architecture) School of Planning and Architecture, IITM Delhi	 Prof. Anshu Paul (Ph.D.) B.Sc. in Architecture of University of Pune, India M.Sc. (Communication) School of Design of Architecture, Pune	 Prof. Nil Chatterjee (Ph.D.) B.Sc. in Architecture of University of Calicut, India M.Sc. (Communication) School of Design of Architecture, Pune	 Dr. Priyanka Ghosh (Ph.D.) B.Sc. in Architecture of University of Calicut, India M.Sc. (Design) IITM, Pune Ph.D., School of Design, Pune
 Dr. Sandhya B.Sc. in Architecture of University of Calicut, India M.Sc. (Communication) School of Design of Architecture, Pune	 Dr. Leena B.Sc. in Architecture of University of Calicut, India M.Sc. (Communication) School of Design of Architecture, Pune	 Dr. Anjali B.Sc. in Architecture of University of Calicut, India M.Sc. (Design) IITM, Pune	 Dr. Anshu B.Sc. in Architecture of University of Calicut, India M.Sc. (Design) IITM, Pune
 Dr. Anand B.Sc. in Architecture of University of Calicut, India M.Sc. (Communication) School of Design of Architecture, Pune	 Dr. Anshu B.Sc. in Architecture of University of Calicut, India M.Sc. (Communication) School of Design of Architecture, Pune	 Dr. Anshu B.Sc. in Architecture of University of Calicut, India M.Sc. (Design) IITM, Pune	 Dr. Anshu B.Sc. in Architecture of University of Calicut, India M.Sc. (Design) IITM, Pune
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B.A.R.C.H. DIVISION A	B.A.R.C.H. DIVISION B	B.A.R.C.H. DIVISION C	B.A.R.C.H. DIVISION D
 Dr. Baljit B.Sc. in Architecture of University of Calicut, India M.Sc. (Design) IITM, Pune	 Dr. Anshu B.Sc. in Architecture of University of Calicut, India M.Sc. (Design) IITM, Pune	 Dr. Anshu B.Sc. in Architecture of University of Calicut, India M.Sc. (Design) IITM, Pune	 Dr. Anshu B.Sc. in Architecture of University of Calicut, India M.Sc. (Design) IITM, Pune
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B.A.R.C.H.

FACULTY PROFILE

 Dr. Nisha Bhave B.Arch Sinhgad College of Architecture, Pune	 Dr. Namrata Ramakrishna B.Arch (DCE&P) College of Architecture, Raigarh	 Dr. Naveed Vijaykumar B.Arch (Conservation) College of Architecture, Pune M.Arch (Conservation) SOCA, Pune Ph.D. (Conservation) SOCA, Pune	 Dr. Namratha Shalun B.Arch (Conservation) College of Architecture, Pune M.Arch (Conservation) SOCA, Pune Ph.D. (Conservation) SOCA, Pune
 Dr. Dharmendra Lalchand B.Arch (Conservation) College of Architecture, Pune	 Dr. Jyoti Pawar B.Arch (Conservation) College of Architecture, Pune	 Dr. Mayajoti Manoj B.Arch (Conservation) College of Architecture, Pune M.Arch (Conservation) SOCA, Pune	 Dr. Namrata Bhat B.S. Pune Engineering College (PSEC), Law Engineering M.Arch (Conservation) SOCA, Pune
 Dr. Anshu Mhatre B.Arch (Conservation) College of Architecture, Pune	 Dr. Manasi Chavan B.Arch (Conservation) College of Architecture, Pune M.Arch (Conservation) SOCA, Pune	 Dr. Anshu Bhat B.Arch (Conservation) College of Architecture, Pune	

B.ARCH.

M.ARCH DIVISION (AC)


Dr. Pranoti Lad (HOD_Architectural Conservation)
B.Arch: LAD & SIMM college architecture Nagpur
M.Arch: (Conservation) SOCA, Pune
Ph.D.: Singhad College Of Arch, Pune

M.ARCH DIVISION (CA)


Dr. Smita Suryavanshi (HOD_Computer Applications)
B.Arch: V.N. Vastuvidyalaya (V.N.V.) College of Architecture (V.N.V.), Pune
M.Arch: IIT Bombay
Ph.D.: IIT Bombay

An. Nikita Jadhav
B.Arch: Singhad College Of Architecture, Pune
M.Arch: (Conservation) Singhad College Of Architecture, Pune

An. Namratha Vasavkar
B.Arch: Dr. Shanuben Nanavati College of Architecture (SNCA), Pune
M.Arch: (Digital Arch.) Dr. Shanuben Nanavati College of Architecture, Pune

An. Vibhika Ghule
B.Arch: V.N. Vastuvidyalaya (V.N.V.) College of Architecture (V.N.V.), Pune
M.Arch: (Conservation) Singhad College Of Architecture, Pune

An. Anshu Patil
B.Arch: Singhad College Of Architecture, Pune
M.Arch: (Computer Applications) Singhad College Of Architecture, Pune

M.ARCH.

NON-TEACHING STAFF

LIBRARY & TECHNICAL STAFF

 <p>Mrs. Chaitra Choug Librarian</p>	 <p>Mr. Ganesh Jadhav Asst. Lib. In. Chk.</p>	 <p>Mr. Gauri Sathare In. Chk.</p>	 <p>Mr. Vishal Mahale Tech. Asst. Lib.</p>
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ADMINISTRATIVE STAFF

 <p>Mrs. Gayatri Dhanekar Asst. Registrar</p>	 <p>Mrs. Neelima Chakrabarti In. Chk.</p>	 <p>Mrs. Ruchita Hajare A/C Clerk</p>	 <p>Mrs. Shilpa Shetye A/C Clerk</p>
 <p>Mr. Ramesh Yadav In. Chk.</p>	 <p>Mr. Parthaj Mirne In. Chk.</p>	 <p>Mrs. Vandana Mall In. Chk.</p>	

SUPPORTING STAFF

 <p>Mr. Shrikant Tale Peon</p>	 <p>Mr. Ganesh Yashwantrao Peon</p>	 <p>Mr. Manojkumar Sarnade Peon</p>	 <p>Mr. Maheshwar Yashwantrao Peon</p>
	 <p>Mr. Balaram Zafar Carpenter</p>	 <p>Carpenter</p>	

ACADEMIC EVALUATION PROCESS

Two types of Evaluation Process

CONTINUOUS INTERNAL ASSESSMENT

Subject types: sessional & theory subjects

1. Sessional – assignments of most of the subjects
2. Theory subjects: insem written examination at college level coordinated by internal examination committee

Assessed by internal faculty team as per

- assignments submission scheduled as per session plan of each subject
- expected outcome of each assignment stated in Lesson Plan
- marking as per COs

Internal Academic Monitoring Committee (IAMC)

- Headed by the principal with HODs and Division Coordinators
- Monitors regularly academic progress
- **Systematic progressive assessment**

SEMESTER END EXAMINATION (SEE)

- conducted by SPPU
- External assessment
 - Sessional subjects: sessional / viva assessed by both internal and external examiners
 - Theory subjects: Endsem written examination for theory subjects, assessed by external examiners

CONTINUOUS INTERNAL ASSESSMENT (CIA)

INTERNAL ACADEMIC MONITORING COMMITTEE (IAMC): responsibilities

Quarter / monthly meeting under IAMC

- Internal Academic Monitoring Committee (IAMC) headed by the principal, HODs, DCs conduct monthly/quarter meetings
- Schedule of Quarter / monthly meetings included in Session Plans
- all faculty members attend
- Agenda in details prepared to
 - Monitor internal continuous assessment of Session Plans for each subject as per COs
 - maintains records of status of completion of teaching content as per syllabus, status of completion and quality of students' academic work, attendance status, etc.
 - Identify lacunae and recommends measures for concurrent quality enhancement throughout the semester.

Quarter reports

- Progressive report of students attendance and performances after each monthly / quarter meeting
- Digital copies sent to parents immediately for transparent assessment, feedback and suggestions
- Teachers-Parents (PTM) meetings conducted
- Feedback of parents considered to improve the system

SIMULTANEOUS DOCUMENTATION

- SP, LP, teaching methods and aids (site visit, workshop, PPT, notes, etc.)
- progressive and cumulative academic performances (marking and quality) and attendance
- co-curricular works are documented and preserved digitally
- remedial measures for defaulters and keeping record
- Mentor-mentee counseling records in booklet

Quality enhancement initiatives

- mock / practice test and mock viva/ juries
- question bank shared with students

EVALUATION PROCESS AND REFORMS

MECHANISM FOR TRANSPARENT INTERNAL/EXTERNAL ASSESSMENT

Internal assessment

- marks and feedback for each assignment given in front of students in the class
- progressive marking is reviewed in monthly/quarterly IAMC meetings
- remedial classes, mock tests are arranged for quality enhancement
- revised submission date considered for students not submitted before if there is a valid reason
- Reports of monthly status of academic performances sent to parents and students
- Final internal assessment marks are calculated on basis of attendance and progressive marks
- principal and Division heads meticulously evaluate the process of internal assessments and make necessary reforms if necessary

TIME-BOUND AND EFFICIENT GRIEVANCE REDRESSAL SYSTEM

CIA – internal Sessional assessment

- If any complaint or disagreement reported by student, concerned subject teacher and year coordinator resolves with division heads promptly and report to the principal
- Mentor-mentee counseling sessions – year coordinator and other mentors discuss with issues and complaints with all students monthly or whenever needed
- PTA are organized
- Feedback of faculty, students, parents are considered for reforming the system

SEE - written examinations of SPPU

- If any grievance reported by student during examinations related to error in question, incomplete question or question being out of syllabus and if found relevant by concerned faculty, examination department of the institute inform the university immediately
- re-evaluation - students can apply online to SPPU from their loginids within a stipulated period, and they can obtain photocopies of their answer sheets. Revised results after scrutiny are communicated to them and to the college
- If any error in marklist or problems for online examination form filling reported by students, examination department follow-up the issue with SPPU till resolved

ICT TOOLS FOR LEARNER CENTRIC PEDAGOGY

ICT tools for enhancing learning experiences in Architecture to develop skills of

- modern and advanced software for employment, professional practices and higher studies
- building confidence to present and explain in front of a jury panel

ICT infrastructure in institute

- Wi-fi enabled studios, classrooms, library
- Software for drafting, documentation, presentation – ACAD, Sketchup
- Online platforms for communication - google meet and Microsoft Teams
- Computer labs, Digital scanning, printing
- google sheet for making reports, whatsapp and emails for circulating notices and information quickly and efficiently.

		Activities	ICT tools
Stage 1	pedagogy - Experiential learning	<ul style="list-style-type: none"> • lectures with visual aids • hands-on experiential learning • Real life experience • discussion with Theories and facts • field experience: case studies, site-visits, study-tours ; varied types of testing simulations 	Academic demonstration <ul style="list-style-type: none"> • CAD - 2D & 3D drawings, Walkthrough • 3D printer, Laser cutting for physical models • AV modes- PPT, video, films, audio • video- construction, history etc. • reviews by jurors and viva Presentation <ul style="list-style-type: none"> • group works, study tour presentation competition • collaborate - exchange skills to experiment in digital media • Individual - problem-solving skills in architectural design and research
Stage 2	Andragogy- <ul style="list-style-type: none"> • problem-based learning • Participative learning 	<ul style="list-style-type: none"> • Inter-disciplinary issues • group and collaborative work 	

ATTAINMENT OF POs & COs

OUTCOME-BASED EDUCATION (OBE): DIRECT METHODS

COs

- outcomes of a course / subject
- Attainments measured at end of semester
- COs (max 6 nos.) formulated for each course / subject with
 - corresponding assignments as per SPPU
 - evaluation criteria for expected output
 - benchmark/target based on difficulty levels, theory and sessional subject
 - attainment level of performance/outcomes of students compared with target level
 - Evaluation of students performances (marks) in
 - Continuous Internal Assessment (CIA) - progressive assignment markings assessed by internal faculty
 - Sessional subjects as mid-term & pre-final jury, reports, seminar
 - theory subjects as tutorials, class tests, in-sem examinations
 - Semester End Examination (SEE) – assessed by external examiners
 - sessional / viva
 - Theory subjects - end-sem examinations

POs

- outcomes of a program (B.Arch., M.Arch.)
- Attainments measured simultaneously through CO-PO, PSO matrix at end of each course and program
- Matrix- quantification scale to assess how well expected levels of POs achieved

PO Attainment through CO-PO matrix

- quantitative measurement
- each CO is assigned with mapping factor derived from
 - contact hours in 3-point scale (3-..2- 1-.)
 - mean percentage score obtained by each student in sum/ total of CIA and CEE, 3-point rating scale; 3 (Strong – more than 75%), 2 (Medium- 50.1 to 74.9%) and 1 (Weak – less than 50%).
- COs plotted with mapping factors to correspondent POs & PSOs for each student
- average value is computed for the class for each course to assess the attainment level of each POs and PSOs

Indirect methods

- Exit survey – from alumni

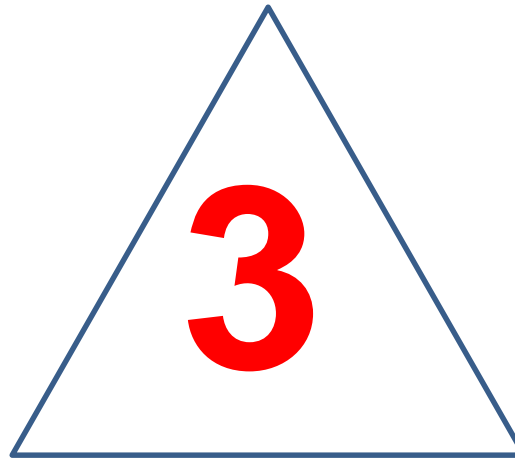
PO, PSO

Published in institute website

Program Outcomes (POs) to be acquired by the students during their graduation program	
PO 1.	Architectural Knowledge: From traditional systems to ultra-modern trends imparted holistically in terms of theory, practice and research
PO 2.	Professional Competence: Objective driven curriculum and facilitate to achieve competence for architectural profession
PO 3.	Technological Knowhow: ability to comprehend and use technology needed in architectural profession
PO 4.	Commitment to the society: Crafting sensible and responsible architects for future
PO 5.	Sustainable Approach: Understanding the impact on environment & sustainable measures
PO 6.	Architectural Ethics: Imbibe values of ethical practice in profession and research
PO 7.	Collaborative work culture: development of team work and leadership skills
PO 8.	Communication skills: Developing intellectual, personal and professional abilities through effective communicative skills and use of advanced tools & technology to engage in life-long learning and for multi-disciplinary researches

Program Specific Outcomes (PSOs)	
PSO 1	Apply the knowledge of natural condition of site and environment, history and cultural context, building material, construction techniques and services, structural mechanics and building economics to design buildings rationally for user and environment friendly
PSO 2.	Apply creative ideas, principles, theory rationally
PSO 3.	Apply appropriate methods, media, modern technology to resolve architectural and multi-disciplinary researches

CRITERION III: RESEARCH, INNOVATION AND EXTENSION



KEY INDICATORS

- 3.1 Resource Mobilization for Research
- 3.2 Innovation Ecosystem
- 3.3 Research Publications and Awards
- 3.4 Extension Activities
- 3.5 Collaboration

SUPPORTIVE ECOSYSTEM FOR RESEARCH AND TRANSFER OF KNOWLEDGE

- **For faculty**

- Academic Research Committee
- sponsored to attend FDPs
- organise conferences, seminars
- Encourage for pursuing PhD
- resource person COA-TRC
- thesis guidance sessions by senior faculty for junior faculty
- TTP discussion sessions

- **For students**

- mentored by competent faculty members in carrying out researches,
- participate in research competitions- *Avishkaar* of SPPU, MASA inter-college research competition
- selected students' research papers are edited by faculty & published in institute publication "Shodh-Sankalp"

- **Institute initiatives**

- membership in IIC (Innovation & Incubation Center)
- Membership in INFLIBNET(UGC): faculty Database at VIDWAN portal
- Center for Sayam for NPTEL courses
- subscribe journal , e-portal
- Avail access to books from 44 libraries of STES at any time and from anywhere through KOHA catalogue
- borrow books from eight more libraries of STES in the campus
- avail Institute membership of few external libraries such as Jayakar library of SPPU, British Council Digital Library, Maratha Chamber of Commerce library.
- NDLI membership
- membership of few external libraries such as Jayakar library of SPPU, British Council Digital Library, Maratha Chamber of Commerce library
- IPR cell & lecture of experts

EXTENSION ACTIVITIES IN THE NEIGHBORHOOD COMMUNITY

EXTENSION ACTIVITIES: Campus, Neighbouring Community and Beyond

- T-shirt painting on theme of social and environment awareness - procession wearing painted shirts in the campus spreading the messages and culminating with an oath ceremony of taking pledge to serve the country.
 - Prohibition of use of plastic (single-use, not-recyclable) in building and campus
 - recycling of waste
 - Discourage for wastage of electricity and water in the institute
 - voter awareness in campus
 - tree plantation drive in campus and in neighbouring reserved forest – native and medicinal trees
 - Blood donation camps
 - MoU with NGO ‘Samindra Foundation’ - Staff and students donated food grains and school stationery items for village kids, household items, food and clothes for Chiplun flood victims during difficult period of pandemic
 - mask-making and distribution to neighbouring community in need during COVID-19,
 - Heritage conservation – documentation of step-wells in collaboration with the Maharashtra stepwell campaign
 - creative visuals at primary schools for less privileged and challenged children
 - STES during COVID-19 converted boys hostels in the campus as quarantine center of PMC
 - Study tours in rural settlements in Maharashtra and other states- students cleaned sea-beaches, exchanged craft and model making knowledge with school children
 - visits to old-age homes and orphanages, beautification of city
- sensitizing students to social issues for holistic development
- Swachh Bharat initiatives, celebration of environment day, Yoga day
 - women empowerment programs under Nirbhaya Kanya Yojana of SPPU

Certificates and appreciation for Extension activities to the institute

- organizing the blood donation camp from Navale hospital
- Donation of goods for rural communities from the NGO Samindra
- Sea beach Cleaning Drive of Dive Agar, Kokan by first-year students during study tour acknowledged by local media and Gram Panchayat
- Painting of school for Autistic children by school management

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCE



KEY INDICATORS

- 4.1 Physical Facilities
- 4.2 Library as a Learning Resource
- 4.3 IT Infrastructure
- 4.4 Maintenance of Campus Infrastructure

ADEQUATE PHYSICAL INFRASTRUCTURE AS PER COA

STES' SINHGAD COLLEGE OF ARCHITECTURE, PUNE AREA REQUIREMENT AS PER COA			
SPACES		Numbers	
		As per COA	@ SCOA
1	Studio (B.Arch.)	17	17
2	Studio + class Room (M.Arch.)	4	4
3	Class Rooms	8	8
4	Labs	8	8
5	Material Museum	1	1
6	Computer Labs	1	1
7	Departmental Library		
8	Central Library (exclusive SCOA area)		
9	Multipurpose Hall		
10	Admin Area		
11	Faculty Area		
12	Common Rooms		
13	Nasa Room		
14	Display Area		
15	Construction Yard		
AREA		Area	Area
		As per COA	@SCOA
AREA (B.ARCH.)		5000.00 sqm	5452.09 sqm
AREA (M.ARCH.) (both courses)		500.00 sqm	526.08 sqm.
TOTAL AREA		5500.00 sqm	6114.17 sqm

IT INFRASTRUCTURE

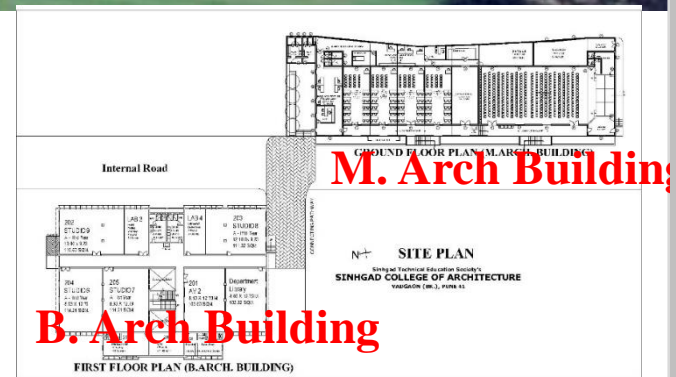
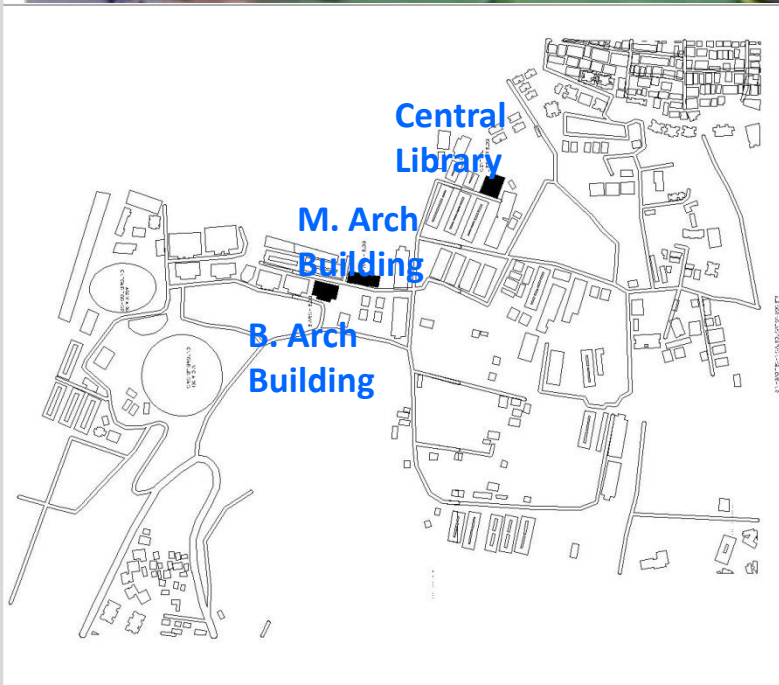
IT facilities

- wi-fi enabled studios, class rooms
- computer labs for B.Arch and M.Arch.
- LAN for all computers in lab to conduct classes
- Desktop with internet facility for each faculty
- Regular updating of computers with latest software as AutoCAD and sketch-up
- KOHA, ILMS at the central library
- COVID-19 pandemic period, Microsoft Teams online platform subscribed
- Google meet used by all faculty members
- E-contents uploaded in library portal , accessed by students through their login
- STES developed its mobile application ‘Sinhgad Student App’ for smooth conduction of admission process and transaction of fees by students.
- Printers, scanners, photocopy facility are provided in the institute
- Biometric attendance system for faculty and staff attendance
- operated by efficient technical staff following college policies and procedures

Internet & bandwidth

- wi-fi facility 24 x 7 and 365 days
- STES unique e-mail service <http://sinhgad.edu>, for faculty, staff and students
- Internet with LAN to studios, classrooms, assembly hall, faculty rooms and administration areas
- a dedicated server for SCOA connected to a common internet service for all institutes in the campus
- High speed internet with bandwidth is available at campus and in the institute

VADGAON-AMBEGAON STES CAMPUS



SCOA

located in self-contained Vadgaon Budruk Campus
Campus area: 35.45 Hectare

- scenic and tranquil hillock in Pune city
- right ambience for learning

15 colleges, Schools

Central library, Cultural, Sports facilities

Banks, Post Office, Police station, Clinic, food joints

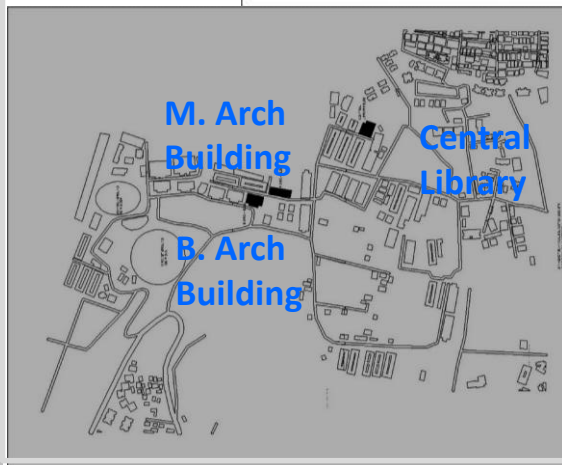
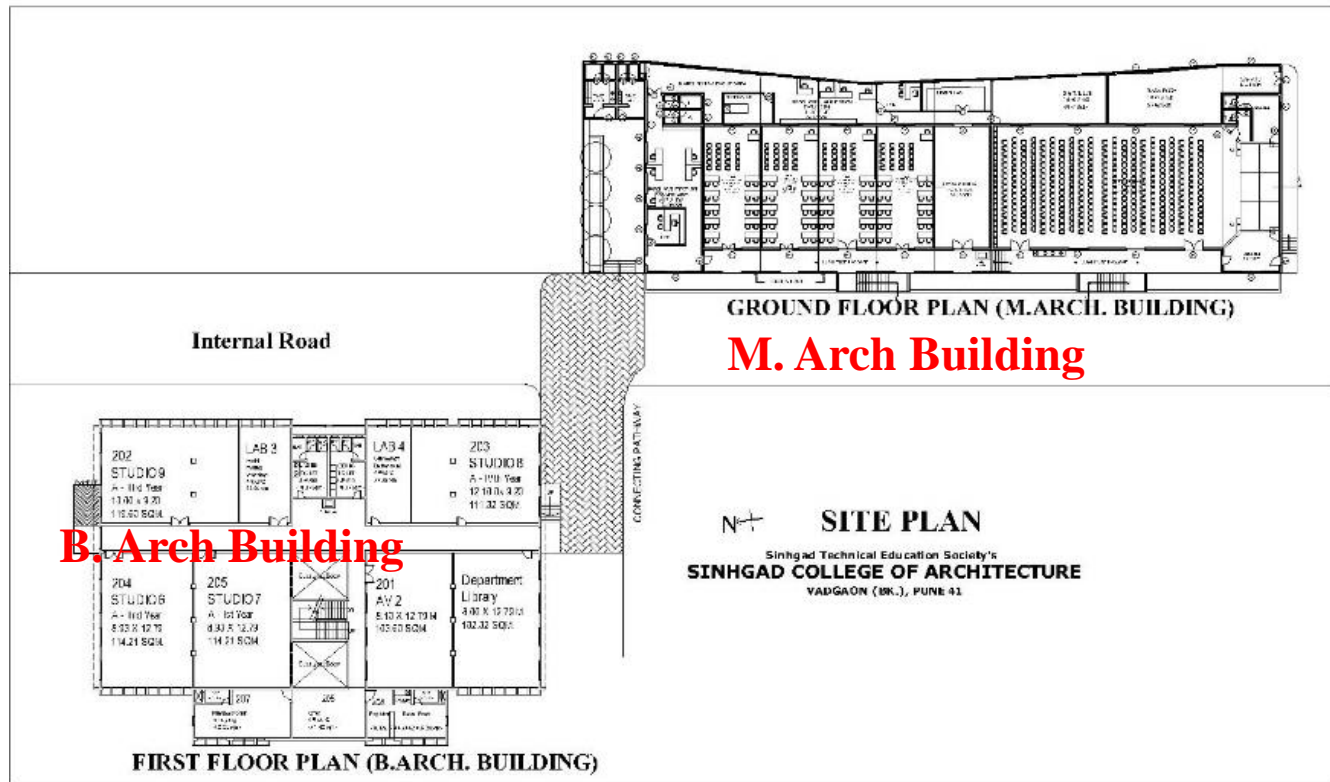
24hrs Security system

Mess

Staff Quarters: Principal to Peons

Hostel: capacity = 6798 (Boys= 4500 , Girls= 2298)

SCOA BUILDINGS: B. ARCH. & M. ARCH.



SCOA (2 Buildings & Central Library):

1. B. Arch Building (4 floors): 4452.60 sqm
2. M. Arch Building (one floor): 1218.77 sqm
3. Exclusive area in Central Library: 442.80 sqm

GRAND TOTAL: 6114.17 sqm

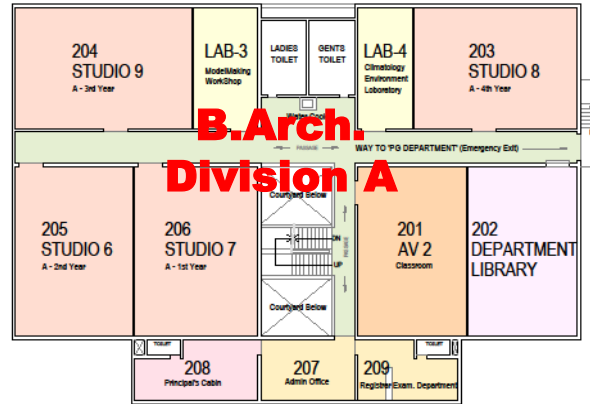
SCOA: B. ARCH BUILDING



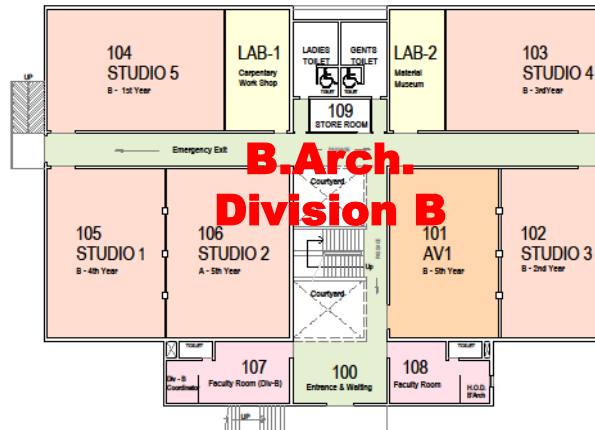
SCOA Building

B.Arch. Building

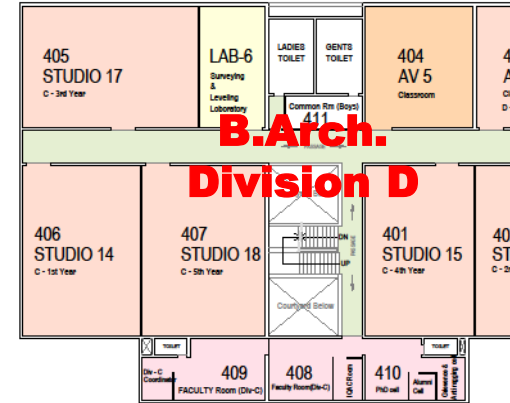
Four Divisions: Four Floors: Built-up area: 4452.60 sqm.



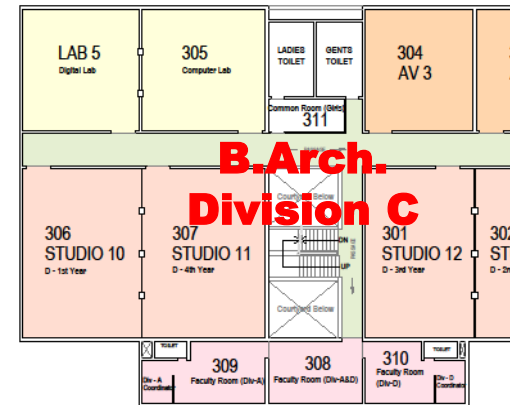
FIRST FLOOR PLAN



GROUND FLOOR PLAN



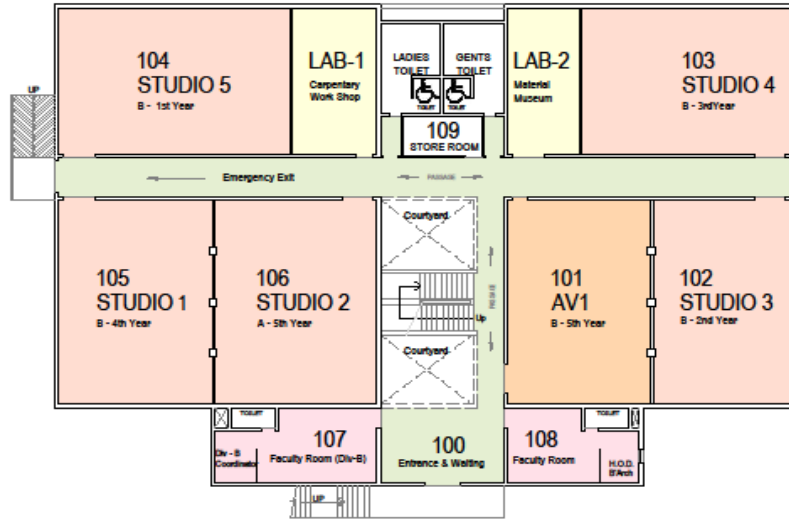
THIRD FLOOR PLAN



SECOND FLOOR PLAN

SCOA: B. ARCH BUILDING

FIRST FLOOR PLAN



GROUND FLOOR PLAN



Prof. Kavita Patil
(B Division Coordinator)

B.Arch. Building
Ground Floor: Division B
(Built-up area: 1113.40 sqm.)

Main & Side Entrances with Ramp

Wi-fi enabled spaces:

Studios: 5 nos.

Assembly / Av Room

Carpentry Workshop

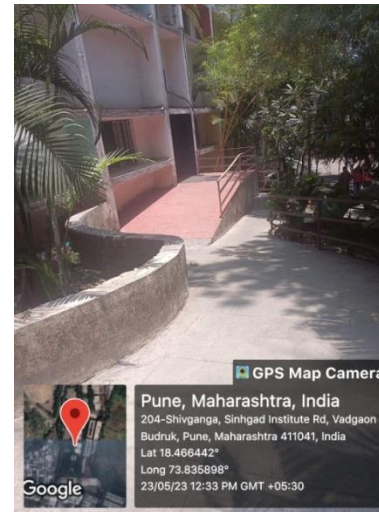
Material Museum

Faculty Rooms with attached Toilets For Division B

Toilets for Girls & Boys



SCOA Building

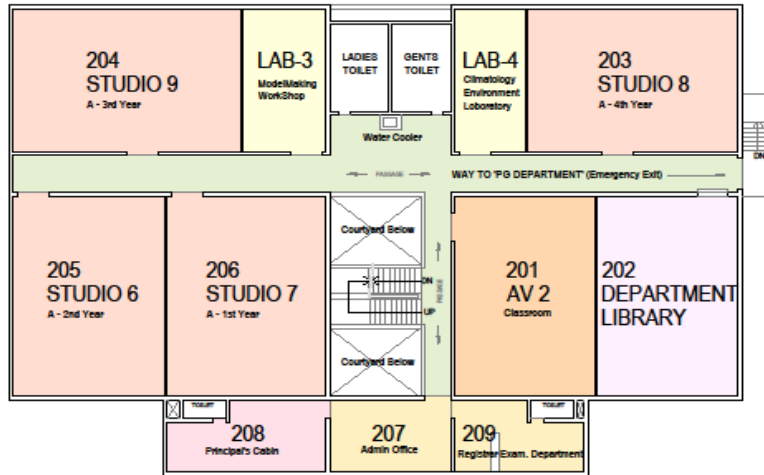


Side entrance with Ramp



Carpentry Workshop

SCOA: B. ARCH BUILDING WITH ICT FACILITY



FIRST FLOOR PLAN



Prof. Kalpana Hadap
(A Division Coordinator)

B.Arch. Building

First Floor: Division A

(Built-up area: 1113.40 sqm.)

- Side Direct Entrance From Road (Sloping Site) Connect To M.Arch. Building Behind

Wi-fi enabled spaces:

- Studios: 4 Nos.
- Assembly /Av Room
- Model-making Lab
- Environmental Lab
- Departmental Library
- Principal's Cabin
- Admin Office With Attached Toilet
- Exam Department
- Toilets for Girls & Boys



AV Class room: 4 nos



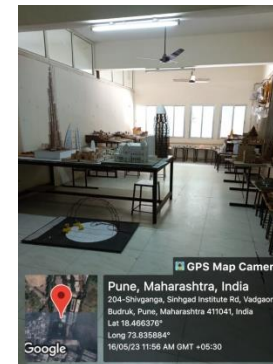
Departmental Library



Administration



Principal's cabin

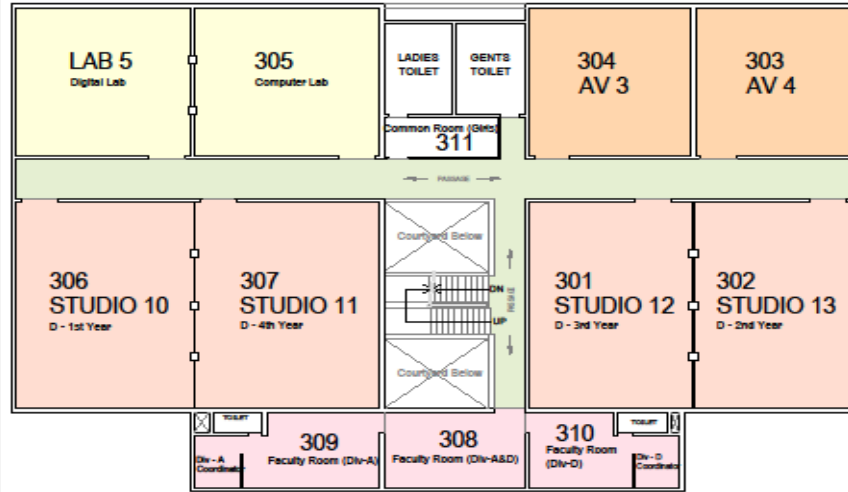


Model making lab



Exam department

SCOA: B. ARCH BUILDING WITH ICT FACILITY



SECOND FLOOR PLAN



Dr. Priyamvada Chitale
(HOD, B.Arch.)
D Division Coordinator)

B.Arch. Building
Second Floor: Division D
(Built-up area: 1113.40 sqm.)

Wi-fi enabled spaces:

- **Studios: 4 Nos.**
- **Av Room: 2 Nos.**
- **Computer Lab: 2 Nos.**
- **Faculty Rooms with attached toilet For Division A & D**
- **Girls' Common Room**
- **Toilets for Girls & Boys**

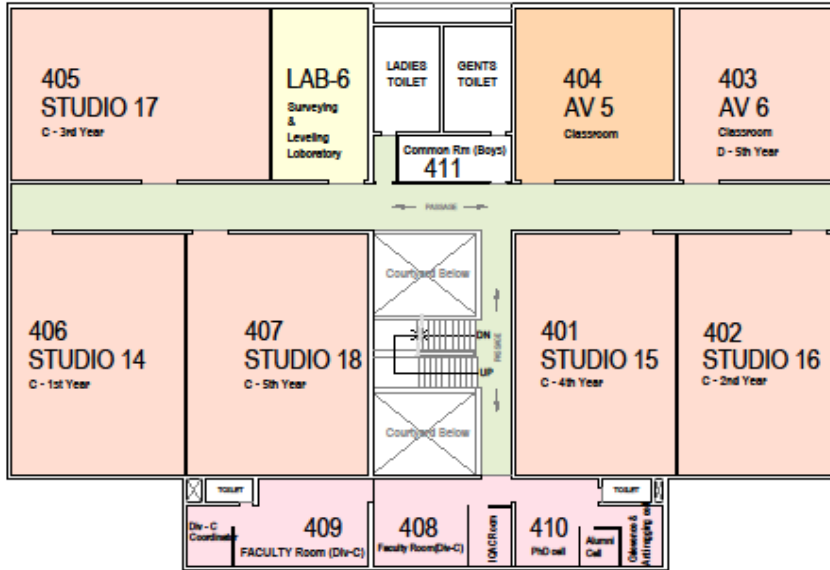


Studios: Well Lit & Ventilated with AV facility



Computer Lab (2 nos)

SCOA: B. ARCH BUILDING WITH ICT FACILITY



THIRD FLOOR PLAN



Prof. Priti Dhanwat
(C Division Coordinator)

B.Arch. Building
Third Floor: Division C
(Built-up area: 1113.40 sqm.)

Wi-fi enabled spaces:

- **Studios: 5 Nos.**
- **Av Room: 1 Nos.**
- **Surveying Lab**
- **NAAC IQAC Room**
- **Counselling Room**
- **Faculty Rooms with attached toilets For Division C**
- **Boys' Common Room**
- **Toilets for Girls & Boys**



FY Studio



Surveying and Levelling lab

SCOA: M. ARCH BUILDING WITH ICT FACILITY

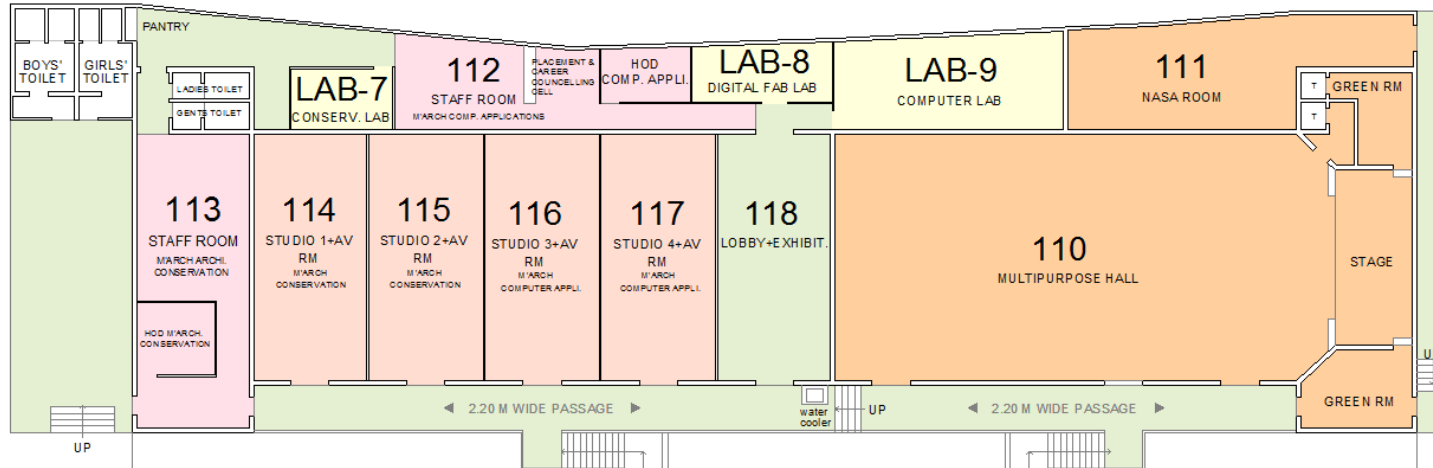


Dr. Pranoti Lad
HOD, M.Arch.
(Architectural Conservation)

M. Arch Building
(Built-up Area: 1218.77 sqm.)
Studio cum Class rooms: 4 nos.
Exhibition hall
Labs
Faculty rooms
NASA room
SCOA Multipurpose hall



Dr. Smita Suryavanshi
HOD, M.Arch.
(Computer Applications)



GROUND FLOOR PLAN

Sinhgad Technical Education Society's
Sinhgad College of Architecture, VADGAON (BK), PUNE - 41



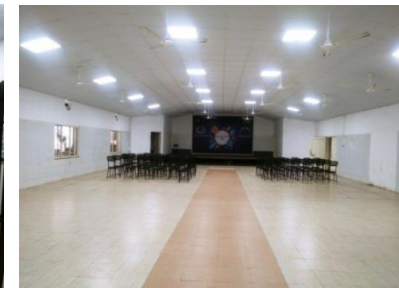
Entrance



Studios (4 nos)



Permanent Display of students works



Multipurpose Hall

1. Central Library with SCOA Section

- open in all days of year
- Wi-Fi enabled reading hall
- shared access to e-resources with other institute of STES like K-Hub, DELNET, Springer, NLIST etc.

2. Department library

- open on all institute working days

Integrated library management system (ILMS): KOHA

- access to books from 44 libraries of STES at any time and from anywhere through KOHA

Resource for all users (student & faculty)

- books, journals, reports, newspapers, etc.
- borrow books from eight more libraries of STES in the campus
- Institute membership of few external libraries such as Jayakar library of SPPU, British Council Digital Library, Maratha Chamber of Commerce library
- NDLI membership

Anti-Plagiarism software Check for Plag.

- for scanning students' research dissertations and conference articles

User tracker facility to monitor footfalls

supervised by the library committee under guidance of competent librarian

CENTRAL LIBRARY: SCOA SECTION



Journal List

Sr.No	Title
1	Architecture + Design (Jan2021-Dec21)
2	Architecture Record (Jan2021-Dec21)(Foreign)
3	Architectural Review (Jan2021-Dec21)(Foreign)
4	Architecture Australia (Jan2021-Dec21)(Foreign)
5	Art India (Jan2021-Dec21)
6	Auroville Today (Jan2021-Dec21)
7	Architect & Interiors India (Jan2021-Dec21)
8	Domus India (Jan2021-Dec21)
9	Future Arc (Jan2021-Dec21)(Foreign)
10	ITPI Journal (Jan2021-Dec21)
11	Indian Architect & Builder (May 2021-Apr.2022)
12	LA Journal of Landscape Architecture (Jan2021-Dec21)
13	MGS – Architecture (Jan2021-Dec21)
14	Marg (Jan2021-Dec21)
15	Theosophist
16	Terragreen (Jan2021-Dec21)
17	Dream 2047(Jan2021-Dec21)
18	Elevator World India (Jan2021-Dec21)
19	Wakeup India
20	Surfaces
	Total

Central Library

(6,870 sqm area)
24 / 7 open (Reading)

SCOA Section: Area

Reading : 302.4 sqm
Stack: 104.4 sqm

Total: 442.8 sqm.

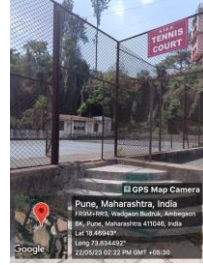
Books & Journals in SCOA library Jan 2024

	As /COA	@SCOA
Books	3990	7720
Titles	1910	6553
Journal (Indian)	16	16
Journal (Foreign)	4	4
E-books	2337	
E-Journals	682	
Online videos	2697	
NDLI Club Institutional Membership		

CAMPUS INFRASTRUCTURE & MAINTENANCE



Cricket Ground



Tennis court



Swimming Pool

Campus Infrastructure Maintenance:

- Maintained by Campus Estate office
- Security 24x7



Amphitheatre



Banks & ATM facilities



Post Office



Campus Clinic



Food Joints & Stationary shops

CRITERION V: STUDENT SUPPORT AND PROGRESSION



5

KEY INDICATORS

- 5.1 Student Support
- 5.2 Student Progression
- 5.3 Student Participation and Activities
- 5.4 Alumni Engagement

CONTRIBUTION OF ALUMNI ASSOCIATION

Alumni Association established in 2004, Registered in 2018

CONTRIBUTIONS OF THE ALUMNI :

Alumni Meet:

- alumni invited for annual meet to reconnect the Alma mater, faculty and old friends and few selected alumni share their professional or academic works

Alumni speaker & Jury member:

- Presentation of their work and experiences in profession
- talk on a selected topic and interaction
- present their academic work
- Jury for Architectural Design projects, Architectural Design, Building Construction and Materials, study tour presentation competition

Site visits:

- accompanying and explaining constructional and other details on a site

Career guidance Assistance:

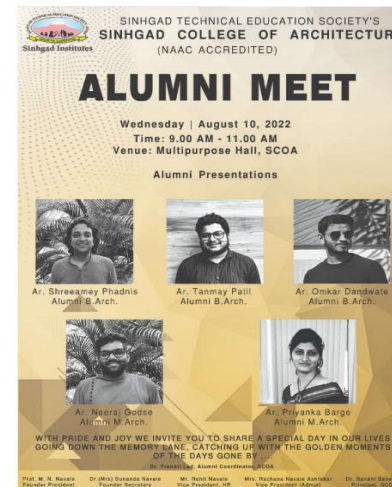
- sessions for higher classes about opportunities after graduation from their personal experiences

Internship/ Placement opportunities:

- Practical Training in ninth semester, alumni recruits in their firms / organizations and train them

Book and equipment donations:

- sound system
- computer table
- floor carpets for events
- Books for book bank



The annual Alumni Meet was organised on the 10th of August 2022, where Alumni of SCOA presented their work and interacted with other Alumni and students. Alumni Presenters included professionals doing research, conservation work, practicing in the field, and doing some exceptional work.

TEACHER'S DAY CELEBRATION




 Sinhgad Institute
 SINHGAD TECHNICAL EDUCATION SOCIETY'S
SINHGAD COLLEGE OF ARCHITECTURE, PUNE 411041
 (NAAC Accredited)

On the occasion of

Teachers Day

Inviting all faculty & staff members
 of SCOA


 Monday, 5th September 2022, 01:15 p.m
 Venue- SCOA Assembly hall

Anant Lodha
 Sr. Assistant In-charge
 8506097047

Shrinivas Patil
 Workshop Co-ordinator
 9850223370

Ar. Kavita Patil
 Faculty sustenance In-charge

Prof. M. N. Neuthe Founder President	Dr. P.M. Dhanandha Neuthe Founder Secretary	Mr. Rishi M. Neuthe Vice President (M. E.)	Mrs. Rachina Neuthe - Anshika Vice President (Admin.)	Dr. Sejal Ranekar Principal
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Teacher's day was celebrated on 5th September 2022 by the students. Students made a Ganapati from mud for teachers and gifted faculty that Ganapati idol.

MARATHI BHASHA DIVAS



Pune, MH, India
 Vadgaon, Pune, 411041, MH, India
 Lat 18.466307, Long 73.835940
 01/30/2023 02:19 PM GMT+05:30
 Note - Captured by GPS Map Camera


 Sinhgad Institute
 सिंहगड टेकनिकल एज्युकेशन सोसायटी चे,
 सिंहगड कॉलेज ऑफ आर्किटेक्चर
 वडगाव, पुणे.



Thursday - 27/01/22

2:00 PM

Link <https://meet.google.com/epd-dbmi-mdw>

श्री. जयजी बॅनर्जी प्राचार्य	डॉ. म. न. नवले अध्यक्ष, STES	श्री. सुनील नवले संस्थापक प्राध्यापक	श्री. गोपील नवले उपाध्यक्ष STES	श्री. रचना नवले अष्टेकर उपाध्यक्ष STES
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ACADEMIC RANKERS

B. Arch



Sinhgad Technical Education Society's
SINHGAD COLLEGE OF ARCHITECTURE
Congratulations!
B. Arch -2021-22 BATCH

 DARODE SHARVA NITIN SGPA 10.000	 PATIL AKSHATA SHASHIKANT SGPA 10.000	 SAVLA VRUSHAL RAJESH SGPA 10.000
 MAHAJAN PRADNYA JITENDRA SGPA 9.971	 PARATE PRARTHANA SURENDRA SGPA 9.971	
 KIRDAT MANTHAN MILIND SGPA 9.857	 DANDWATE OMKAR NITIN SGPA 9.857	

86.71 OVER ALL PASSING **118 FIRST CLASS WITH DISTINCTION** **07 FIRST CLASS**

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  Facebook_SCOA Official
 Web site: <http://www.sinhgad.edu>
 email id: scoa@sinhgad.edu

Prof. M. S. Havelle
 MEd (Technical), MEd, MBA,
 Founder President

Dr. Dharmendra Namde
 B.A., M.P.A., PhD
 Founder Secretary

Mr. Rajesh Namde
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 (Admin)

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 Vice President
 (Admin)

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 Principal
 (SQA)

M. Arch



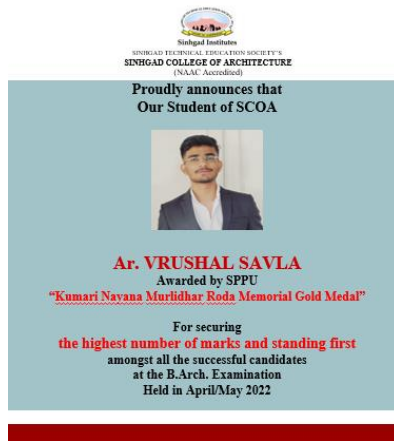
ACADEMIC PERFORMANCE
Rankers at SCOA

Final Year M. Arch.
Architectural Conservation

 DANGAT SHIVRAJ ARJUN CGPA: 9.25 RANK:1	 GADADE SIDDHANT BALU CGPA: 9.20 RANK:2	 GITE PRIYANKA PRABHAKAR CGPA: 9.13 RANK: 3
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Final Year M. Arch.
Computer Applications

 SHAH VIKRAM NAVIN CGPA:8.80 RANK: 1
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Sinhgad Institutes
SINHGAD TECHNICAL EDUCATION SOCIETY'S
SINHGAD COLLEGE OF ARCHITECTURE
(N.A.A.C. Accredited)

Proudly announces that
Our Student of SCOA



Ar. VRUSHAL SAVLA
Awarded by SPPU
"Kumari Nayana Murlidhar Roda Memorial Gold Medal"

For securing
the highest number of marks and standing first
amongst all the successful candidates
at the B.Arch. Examination
Held in April/May 2022

STUDENT'S ACHIEVEMENT

Ar. VRUSHAL SAVLA

Awarded by SPPU "Kumari Nayana Murlidhar Roda Memorial Gold Medal" For securing

the highest number of marks and standing first amongst all the successful candidates at the B.Arch. Examination Held in April/May 2022

STUDENTS' ACHIEVEMENTS

ARCHITECTURAL DESIGN COMPETITION



Second prize in Ensearch to enrich Bamboo architecture design students competition conducted by bamboo society of Maharashtra chapter and council of architecture.



Sinhgad Football For Boys



Winner: Ssmcoa Cricket For Boys



CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT



KEY INDICATOR

- 6.1 Institutional Vision and Leadership
- 6.2 Strategy Development and Deployment
- 6.3 Faculty Empowerment Strategies
- 6.4 Financial Management and Resource Mobilization
- 6.5 Internal Quality Assurance System (IQAS)

GOVERNANCE & LEADERSHIP IN ACCORDANCE WITH VISION & MISSION

Vision

“to create a milieu for crafting sensible & responsible architects for the society”

Mission

committed to offer quality education in a conducive academic environment

to learn, demonstrate & progress for both students and teachers

to provide all-round development & excellence in curricular program, co-curricular & extra-curricular activities

Governance And Leadership

- SCOA is under the umbrella of management of STES

Level 1

- Top-down hierarchical effective management with responsibilities, accountabilities & transparency
 - governing body (GB): decision & strategy making for intake, admission, recruitment, promotion, salary, finance, budget, infrastructure, and lead SCOA to frame policies and mobilize resources

Level 2

- SCOA:
 - bottom-up inclusive culture to fulfill vision & mission for institutional practices for growth
 - democratic & participatory governance: academic and administrative process of decentralization of work with proper deployment and implementation
 - CDC: management leaders, principal, selected senior faculty makes strategy, reviews and implements
 - IQAC: NAAC & seven criterion coordinators and mentors formulate and monitor the quality benchmarks and development strategy
 - IAMC: constituted with a three-tier (principal, hod and division coordinator) system for undergraduate course for curriculum delivery, co & extra-curricular activities
 - Admission, Examination, Accounts committees led by a main faculty/ staff coordinator
 - Anti-ragging, Grievance Redressal, Internal Complaint Committee

Level 2

- ‘Susamwad’ , student-faculty body for carrying out various co and extra-curricular activities
- SPPU level Students’ Council & Campus level Sinhgad Students’ Council

INSTITUTIONAL GOVERNANCE

Appointment and service rules:

- SCOA adheres to STES policies for employee appointment, service, leave management, and promotions
- Faculty recruitment policy is aligned with SPPU and COA norms.

Strategic and deployment / Perspective Plan:

- Aligned with institute's vision mission core values, both long-term and short-term formulated

Long-Term Plan

- Conducive Academic Environment
- Academic Excellence
- Holistic Development of the students
- Ethics and Values, Social Responsibility

Short-Term Plan

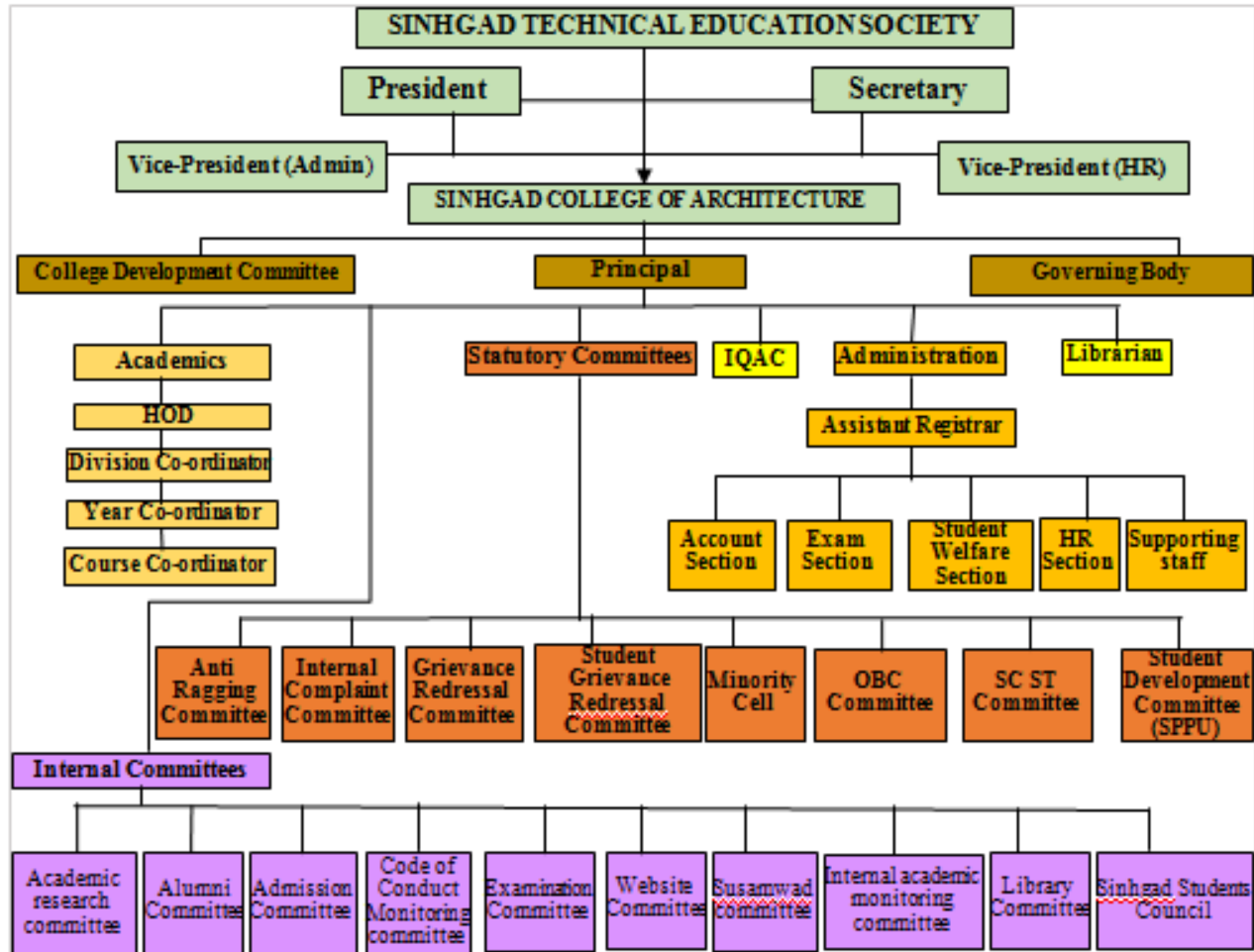
- devised to facilitate the progressive attainment of long-term objectives
- focusing on enhancements and necessary corrections along the way

SCOA GOVERNANCE: COMMITTEES

Level 1: Management Committees	Level 2: Internal Committees		Level 3: Internal Committees
Management, Principal, senior Faculty, Staff	Principal, Faculty, Staff	Mandatory Committees Principal, Faculty, Staff & students	Principal, Faculty, Students
<ul style="list-style-type: none"> • Governing Body • College Development Committee (CDC) • IQAC Sub-Committees: <ul style="list-style-type: none"> • Finance Committee • Purchase Equipment Committee • Staff Selection Committee • Building Committee 	<ul style="list-style-type: none"> • Internal academic monitoring committee • Admission committee • Examination Committee • Website Committee • Academic Research Committee • Library Committee 	<ul style="list-style-type: none"> • Grievance committee for Women • Internal Complaint Committee • SC/ ST Committee • OBC Committee • Minority Committee • Anti-Ragging Committee 	<ul style="list-style-type: none"> • Students Development Committee • Sinhgad Students' Council • Susamvad • CR-LR Committee,

SINHGAD COLLEGE OF ARCHITECTURE

Institutional Governance ORGANOGRAM



Effective welfare measures

To ensure the well-being of its staff members, the institute, under STES, implements various welfare measures for both teaching and non-teaching staff as:

- **Career Development Incentives:** The institute sponsors faculty members to attend Faculty Development Programmes (FDP) and encourages their participation in Council of Architecture-organized Teaching Training Programmes (TTPs). Non-teaching staff are also supported in attending career development programs.
- **Research Support:** The institute hosts state/national level conferences every other year, offering faculty opportunities to present and publish research papers, fostering a research culture. Faculty members are sponsored to participate in conferences beyond the institute and are encouraged to pursue PhD along with teaching.
- **Leave Provisions:** Faculty members enjoy various paid leave options, including Casual Leave, Medical Leave, and leave for academic duties such as examinations, lectures in other colleges, study tours, and FDP participation. Summer and winter vacations are granted, and permanent female faculty members are entitled to available six months of paid maternity leave. Non-teaching staff receive Earned Leave.
- **Residential Quarters:** Staff quarters are available for faculty members and all grades of non-teaching staff.
- **Medical Facilities:** All staff members access medical services from Smt. Kashibai Navale Medical College and General Hospital and dental treatment from Sinhgad Dental Hospital, both under STES. The campus features a clinic and 24x7 ambulance services for emergencies.
- **EMBF and GIS:** All employees are covered under the Employee Mutual Benevolent Fund (EMBF). Additionally, employees' children receive preferences for admission to Sinhgad Springdale schools.
- Celebrates festivals like Ganesh, Navaratri, Dandiya, fostering a sense of family unity.

PERFORMANCE APPRAISAL FOR TEACHING & NON-TEACHING STAFF

PERFORMANCE APPRAISAL SYSTEM FOR TEACHING AND NON-TEACHING STAFF

For faculty

- Each faculty member's performance is annually assessed through a paper-based appraisal system (PBAS). At the end of every semester, faculty complete an internal self-assessment proforma prepared by the institute.
- Besides academic responsibilities, faculty members are assigned various mandatory tasks, including administrative, co-curricular, and extracurricular activities. The assessment parameters in PBAS cover different categories, such as academic contributions, examination duties, research, self-enhancement, administrative responsibilities, and contributions to student committee 'susamwad' for co-curricular and extracurricular activities. The institute assigns appropriate weightages to these contributions, and the total score reflects the overall assessment.
- Each faculty member's self-assessment proforma is verified and evaluated by the division coordinators/HOD, followed by the principal. This process is kept confidential. Decisions regarding continued service, promotions, and incentives are made based on these performance assessments.

For Non-teaching Staff

- For non-teaching staff, PBAS encompasses seven parameters, including reliability, integrity, character, intelligence, and competence for independent work. This assessment is hierarchically reviewed by the assistant registrar, principal, and management to determine continuity and potential for promotion within the service.

Mobilization and optimal utilization of resources

- SCOA operates as a self-financed institution, primarily relying on student fees (tuition and development fees) determined annually by the Fees Regulating Authority (FRA) under the Government of Maharashtra.
- The college receives grants from SPPU for purposes such as seminars, conferences, research, and equipment.
- Resource mobilization objectives focus on ensuring institutional sustainability and efficient utilization of resources, including human, financial, physical assets, existing facilities, policies, and budget allocation.
- The institute maintains a transparent and accountable financial system for effective allocation and oversight of funds, both for operational and development expenses in the annual budget.
- The finance committee formulates and monitors the annual budget, subject to management approval, covering all expenses.

Annual Financial Audits

- **Internal audits:** An annual comprehensive review of all financial transactions is conducted through internal auditing by internal auditors of STES, who assess the budget and expenditure in accordance with regulations of STES. Following auditors' guidance, enhancements and maintenance are performed in the accounts to ensure transparency and accuracy in fund management. Any queries or concerns raised by auditors are promptly addressed by the finance department before the external audit takes place.
- **External audits:** An external audit is carried out by a chartered accountant auditor, appointed by STES, to prepare the balance sheet, IT return, and other financial documents at the conclusion of each fiscal year. The expenditure of funds received from SPPU is audited in accordance with regulations, and the SPPU finance department conducts an annual audit of these funds.

Strategies for fund allocation

- The fund allocation strategies are distinctly categorized for recurring expenses as follows:
 - Salaries of full-time teaching and non-teaching staff.
 - Remuneration for visiting and guest faculty.
 - Mandatory fees to statutory and affiliation authorities such as COA, SPPU, ARA (Admission Regulating Authority), MASA, etc.
 - Maintenance of existing buildings inclusive of laboratories
 - Procurement of equipment, computers, and digital facility upgrades necessary for online teaching and learning, particularly during the pandemic period.
 - Renewal of software for students' academic purpose.
 - Sponsorship of faculty to attend conferences, workshops, and Faculty Development Programs (FDPs) to update their knowledge.
 - Expansion of the library's book collection & renewal of magazines and journals.
 - Welfare initiatives for staff and students.
 - Support for co-curricular and extra-curricular activities, including cultural events, sports, and other programs aimed at the all-round development of students.

IQAC: quality assurance strategies and processes

QUALITY ASSURANCE STRATEGIES AND PROCESSES

Quality assurance initiatives of the institution include:

1. Regular IQAC meetings for quality improvement initiatives identified and implemented
2. Academic and Administrative Audit (AAA) and follow-up action taken
3. Participation in NIRF for recognized rankings

Persistent enhancement:

- The strategy for quality and continuous improvement in teaching and learning involves monitoring through monthly or quarterly reviews within each semester.
- IAMC, including the principal, HODs, and division coordinator, supervises this process. Faculty members develop academic schedules, lesson plans, content, assignments, and expected outcomes, with further refinements during semester commencement meetings.

Teaching Pedagogies:

- During the pandemic, faculty teams developed subject-specific e-content modules, accessible to students and teachers on the institute's library website. The institute provided training sessions for teachers on using platforms like Google Meet and Microsoft Teams for online learning.
- Experimental, experiential methods

Enriching curriculum:

- annual exhibitions in permanent galleries, showcasing the finest academic projects from all student years.
- As an added incentive for excellence, B.Arch. students from First to Fourth year, present their study tour projects to a panel of jurors, competing for a trophy.
- **Value Added Courses:** Urban High-rise Residential Landscape, Origami in parametric façade, Architectural Portfolio making were conducted for students for widening opportunities for employment and exposing them to new fields not taught in curriculum.
- **Publication:** To nurture research culture in students, the institute publishes students' research articles in "Shodha Sankalp," and encourages students to present papers at external conferences. SCOA hosts conferences, encouraging and sponsoring faculty members to present and publish their research papers.
- **MOUs and Collaborations:** The college has inked 9 MoUs and 14 Collaborations with various organizations and professionals over a period of five years to gain remarkable openings to students & faculties.

IQAC: quality assurance strategies and processes

QUALITY ASSURANCE STRATEGIES AND PROCESSES

structures & methodologies of operations

- In the post-accreditation phase, SCOA's IQAC has a central mission: Establishing a framework for purposeful, uniform and catalytic enhancement of overall performance and gauging progress in pursuit of academic excellence.
- The IQAC, established in 2018-19, endeavors to define quality standards for the teaching-learning process, operational structures, methodologies, and learning outcomes, while maintaining a record of continuous improvement.

learning outcomes at periodic intervals

- **Periodical assessment:** Monthly meetings are conducted meticulously where all faculty members review the status of curriculum delivery in alignment with lesson & session plans, assess student performance, evaluate student learning outcomes, examine internal assessments and examination results, and implement necessary remedial measures for all classes and courses.
- **Mentoring mechanism:** Incremental improvements are documented in a spreadsheet. Digital copies of student progress reports are conveyed to parents and students. Enhancements in the quality of teaching and learning are actively pursued through regular feedback and discussions amongst course coordinators & division coordinators. Feedback is obtained from parents and students during Parent-Teacher Meeting (PTM).

Records the incremental improvement in various activities

- Records of monthly progressive and term-end cumulative records of all activities maintained meticulously

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT



KEY INDICATORS

- 7.1 Institutional Values and Social Responsibilities
- 7.2 Best Practices
- 7.3 Institutional Distinctiveness

Green Initiatives & Quality audits on environment and energy

initiatives and audits in the institution & campus

Alternate sources of energy and energy conservation

- Solar energy: Solar panels installed on all the hostel roofs in campus.
- Use of LED bulbs is promoted to save energy.

Degradable and non-degradable waste management

- Solid waste management: wet waste collected by PMC and dry recyclable waste separately
- Liquid waste management: STP provided at campus level for treatment of grey water.
- E-waste management: by private party
- Waste recycling system: Treatment plant at campus treats grey water used for gardening

Water conservation

- Rain water harvesting: Practiced at hostel
- Bore wells: at two places Near shivneri hostel and cricket play ground in the campus

Green campus initiatives

- Restricted entry of automobiles: parking spaces provided, vehicular movement is restricted inside
- Pedestrian Friendly pathways: Pathways provided all over campus for the safety of pedestrians.
- Ban on use of Plastic: written on compound walls of campus
- **Landscaping with trees and plants:** variety of species of trees made campus green, serene and cooler

Barrier free environment

- Ramps for easy access to ground floor
- Disabled-friendly washrooms

Quality audits on environment and energy conducted every year:

- Green audit / Environment audit
- Energy audit

Clean and green & sustainability initiatives in campus & Beyond

- Plastic restrictions
- Sea beach cleaning during study tour

GENDER AUDIT AND MEASURES FOR PROMOTION OF GENDER EQUITY

Promotion of gender equity

Facilities for women on campus

- CCTV installed in building & campus.
- Counseling cabin and Common Room for girls

Internal Committees

- Various college committees are constituted with both genders of faculty and staff.
- Students committees are also formed by member of both girls and boys.

Gender equity & sensitization in curricular and co-curricular activities

- Particularly for girl students, programmes on self-defence, empowerment, etc. are organized at SCOA every year under Nirbhaya Kanya Yojana sponsored by SPPU.
- There is a mentor-mentee system and a counselling cabin in the college, counselling is conducted formally and informally and online counselling was conducted during the pandemic as and when required.

Gender Audit

- Gender Audit Committee formulated with internal and external members
- Gender Audits are conducted in 2022-23

INCLUSIVE ENVIRONMENT: TOLERANCE AND HARMONY

multicultural environment of ‘unity in diversity’: cultural, regional, linguistic, communal socioeconomic

- Admission through CET: Students from diverse backgrounds of geographical regions, socio-economic groups
- STES Policy for faculty recruitment: eligible and competent faculty members are selected irrespective of any genders and regions bias.
- **Institutional Practices: SCOA: Celebration of Events & special Days on Harmony and inclusivity**
 - Traditional Day: students and staff celebrate value and respect diversities of cultural dimensions of various Indian communities and manifest together through appropriate dresses and performances. Outcome of such an event is proven to be deepening mutual understanding, bond and trust with peers.
 - Oath ceremony: a distinct practice is carried out for first-year students to take oath to practice in profession with integrity and to serve the nation after completion of course.
 - Pledge Day: faculty and staff took pledge of integrity and honest practice and this event was organized in college during the pandemic period following social distancing protocol.
 - Special Days as directed by SPPU are:
 - Marathi bhasha divas to create awareness about the mother tongue “Marathi”.
 - “Vachan Prerna divas” is celebrated in the memory of former president of India, Dr. Abdul Kalam.
 - Sadbhavna din: even during pandemic
 - Savitri Mahotsav was celebrated to commemorate the great deeds of Savitri Bai Phule.
- **STES: Inter-college cultural and Sports competition:**
 - An ecosystem with competent authority and physical infrastructure in the campus makes it possible for organising a variety of inter-college cultural and sports activities for students from different streams and backgrounds from all institutes under STES under SSC.
- **Festival at campus:** Navaratri, Ganesh festival

Sensitization for the constitutional obligations: values, rights, duties and responsibilities of citizen

- lectures on the “constitution of India” to make students aware of their rights, duties, and responsibilities as citizens of India. This subject is included in the curriculum of first year.
- voter awareness programs
- ‘Susamwad’ committee with elected members in various portfolios are from all diversities of students

BEST PRACTICE 1:

Exploration of tangible and intangible components: Architecture and beyond

Practice 1: Exploration of tangible and intangible components: Architecture and beyond

1. Title of the Practice: Exploration of tangible and intangible components: Architecture and beyond

- Architectural Study tours are conducted for all students of First year to Fourth Year B. Arch.
- for studying tangible components of architecture and related intangible socio-cultural dimensions of various places which were mostly unknown to them.
- competitions of study tour presentation and reports amongst the classes are held in front of a panel of jurors.

2. Objectives of the Practice:

To fulfill two objectives as

- Documentation of intensive works of the students under the able guidance of faculty, which are archived in the institute and uploaded in the college website for everyone to refer.
- Competitions help to set high benchmark and give students opportunities to experiment with various digital media, making of physical models and excel their work, graphical presentation and communication skills.

3. The Context:

- Study tours are linked with Architectural Design Projects as per curriculum requirements
- so that students get opportunity to design in various geographical settings.

BEST PRACTICE 1:

Exploration of tangible and intangible components: Architecture and beyond

Practice 1: Exploration of tangible and intangible components: Architecture and beyond

4. The Practice:

- Architectural Study tours are conducted every year, students visit places from various geographical areas
- to study natural and cultural context to understand architecture of that place and they need to design a project in that place in Architectural Design studio.
- The places are selected according to the curriculum requirement for the subject of Architectural Design progressively from smaller settlements in first year to high order urban areas in fourth year. These tours are accompanied by faculty members who guide the study for the entire duration.
- The study includes tangible components of architecture like site context, spatial forms and attributes, related intangible aspects like customs, behavior, cultural traditions, etc. of the people and place.
- The competitions of the study and documentation are held year wise amongst all divisions through audio-visual presentation and first prize is declared for the best documentation and presentation by a panel of jurors. The reports prepared by the students of each year of each division are collected and compiled to publish in print and uploaded in website.
- Students of each class are divided with a number of groups and are assigned with various aspects of study. Study for entire task is divided into four parts:
 - Pre-study of the area and context
 - Survey and study during visit
 - Post study tour presentation, documentation, and preparation of report
 - Architectural Design project in selected site

5. Evidence of Success:

- Architectural study tours are considered with immense importance for systematic field exploration of natural and socio-cultural determinants to architectural manifestation.
- The benchmark of outcome is elevated quantitatively and qualitatively as evident in the presentations.

6. Problems Encountered and Resources Required:

- Virtual tours were conducted in last two years during pandemic; though it was difficult to get authentic data and sources to design in context.
- Study tours are not affordable to all students though the institute emphasizes on focused tour in limited places to cut down the cost.





ARCHITECTURAL STUDY TOURS

FIRST YEAR

<p style="text-align: center;">SINHGAD TECHNICAL EDUCATION SOCIETY'S SINHGAD COLLEGE OF ARCHITECTURE, PUNE B. ARCH. STUDY TOUR 2022-23: First Year Village Settlement study in Maharashtra</p>	
<p>Division A Place: Diccagar, Shivajinagar, Maharashtra Date: 17th - 20th April 2023 Accompanying Faculty: Ar. Avanti Kale, Ar. Krushali Dhanoo Number of students: 25</p>	<p>Division B Place: Masone, Masone, Maharashtra Date: 24th - 28th April 2023 Accompanying Faculty: Ar. Akhay Pipada, Ar. Anish Doidar Number of students: 28</p>
	
<p>Division C Place: Khajane, Diccagar, Maharashtra Date: 17th - 20th April 2023 Accompanying Faculty: Ar. Tejas Joshi, Ar. Mangru More Number of students: 27</p>	<p>Division D Place: Deshwade, Masone, Maharashtra Date: 24th - 28th April 2023 Accompanying Faculty: Ar. Manali Chandan, Ar. Hemchandra Akolkar Number of students: 25</p>
	





ARCHITECTURAL STUDY TOURS

SECOND YEAR

SINHGAD TECHNICAL EDUCATION SOCIETY'S SINHGAD COLLEGE OF ARCHITECTURE, PUNE B. ARCH. STUDY TOUR 2022-23: Second Year	
<p>Division A Place: Panaji, Goa Date: 11th - 16th January 2023 Accompanying Faculty: Ar. Priyanka Parohit, Ar. Manasi Khopre Number of students: 25</p> 	<p>Division B Place: Gwalior, Agra, Fatehpur Sikri Date: 08th - 14th January 2023 Accompanying Faculty: Ar. Anuja Garjar, Ar. Ua Shende Number of students: 20</p> 
<p>Division C Place: Bhopal, Maheshwar Date: 9th - 14th January 2023 Accompanying Faculty: Ar. Mrunali Anekar, Ar. Tejas Joshi Number of students: 15</p> 	<p>Division D Place: Chandigarh Date: 15th - 24th January 2023 Accompanying faculty: Ar. Shantsus Gaurad, Ar. Mukta Pandit Number of students: 19</p> 

ARCHITECTURAL STUDY TOURS

THIRD YEAR

SINHGAD TECHNICAL EDUCATION SOCIETY'S SINHGAD COLLEGE OF ARCHITECTURE, PUNE B. ARCH. STUDY TOUR 2022-23: Third Year	
Division A Place: Goa Date: 11 th - 16 th January 2023 Accompanying Faculty: Prof. Kalpana Hadap , Ar. Ashwini Topkar Number of students: 27	Division B Place: Ahmedabad, Udaipur Date: 19 th - 26 th January, 2023 Accompanying Faculty: Ar. Niketa Patil , Ar. Akshay Pitsadia Number of students: 28
	
Division C Place: Bhopal, Maheshwar Date: 9 th -14 th January 2023 Accompanying Faculty: Ar. Jasmeet Kaur Jita , Ar. Vaishnavi Gaware Number of students: 29	Division D Place: Chandigarh Date: 15 th - 24 th January 2023 Accompanying faculty: Ar. Priyanka Chauhan , Ar. Asmita Kale Number of students: 34
	

ARCHITECTURAL STUDY TOURS

FOURTH YEAR

SINHGAD TECHNICAL EDUCATION SOCIETY'S SINHGAD COLLEGE OF ARCHITECTURE, PUNE B. ARCH. STUDY TOUR FOR ARCHITECTURAL DESIGN IN URBAN CONTEXT 2022-23: Fourth Year	
Division A Place: Kolhapur , Maharashtra Date: 11 th - 16 th January 2023 Accompanying Faculty: Ar. Ashish Saket Ar. Robin Labhshetkar Number of students: 23	Division B Place: Gwalior, Agra, Etawah, Sikri Date: 08 th - 14 th January, 2023 Accompanying Faculty: Ar. Indrayani Dasare Ar. Sujata Melta Number of students: 20
	
Division C Place: Bhopal, Indore Date: 9 th - 14 th January 2023 Accompanying Faculty: Ar. Manjari More , Ar. Natasha Scopati Number of students: 21	Division D Place: Chandigarh Date: 15 th - 24 th January 2023 Accompanying faculty: Ar. Sejal Desarda Number of students: 14
	

ARCHITECTURAL STUDY TOURS

ON-SITE DISCUSSION & WORKING



STUDY TOUR PRESENTATION

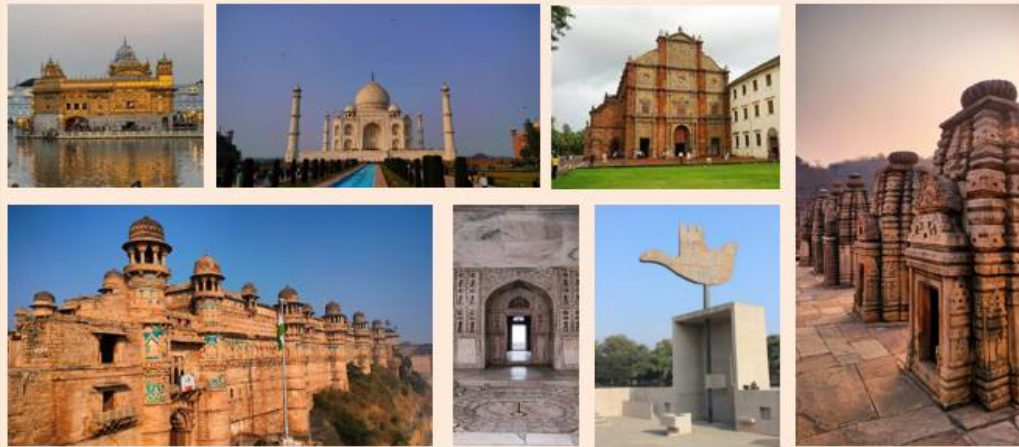


REPORT



SINHGAD TECHNICAL EDUCATION SOCIETY'S
SINHGAD COLLEGE OF ARCHITECTURE, PUNE

STUDY TOUR REPORT
2022-23
(B. Arch. II to IV Year)



BEST PRACTICE 2:

‘Exposition of all round development of students: the annual exhibition’

Practice 2: ‘Exposition of all round development of students: the annual exhibition’

1. Title of the practice: Exposition of all round development of students

- Annual exhibition in the institute is the testimonies of all round development of students academic, co & extra-curricular activities and social responsibilities.
- This display is open for all the students of other colleges, parents, alumni and architects.

2. Objectives of the Practice:

this practice has two objectives

- To display of the best academic work of students, motivates all students to excel and to get opportunity to showcase their individual best work.
- Permanent display helps guests, parents and aspiring candidates willing to join architecture to know about the quality of academic outcomes and other events in the college.

3. The Context:

- The exhibition is an integral part of college display and students and faculty jointly organize under “Susamwad” committee.

4. The Practice:

- The exhibition is updated every year with new panels, themes and exhibits of current students.
- It has two parts; display of best academic works in selected galleries in the form of drawings and models and demonstration of creative works on different themes for which competition is held.
- Students also display various skills as sketches, collages, photographs, etc.
- The annual exhibition is inaugurated by a renowned architect of the city.
- Virtual exhibitions were conducted during pandemic years and uploaded on website.

BEST PRACTICE 2:

‘Exposition of all round development of students: the annual exhibition’

Practice 2: ‘Exposition of all round development of students: the annual exhibition’

5. Evidence of Success:

- This event provides an opportunity to work in a team of students under the guidance of faculty members.
- The exhibition committee of Susamwad prepares budget, assigns works and takes leadership roles.
- All students involved in the exhibition proudly mention the credential in the LOR for higher studies in abroad.
- The display is kept open throughout the year which also gives opportunity for students to refer to the best work done in various subjects.
- During the pandemic period, students digitalized their best works for virtual exhibition with the guidance of faculty members and the outcome was appreciated by larger viewers including alumni across the globe.

6. Problems Encountered and Resources Required:

- The exhibition galleries are along passages which provides opportunities to everyone to glimpse but also vulnerable to get damaged.
- The transparent cover panels are maintained regularly.

INSTITUTIONAL DISTINCTIVENESS

Holistic development of students

- is one of the missions of the institute and
- distinctive efforts are taken to GROW
 - intellectually sound, emotionally strong, physically fit and socially compatible
- **Architectural oath ceremony: curated** by the institute, and students take **pledge** to pursue ethical practice, respect cultural heritage, save the environment, and serve for economic development of the nation and welfare of the society. This event is attended by parents, all faculty members and administrative staff.
- **Exposure to wider platforms:** Three-tier student-teacher bodies are functioning in the institute for organizing and participating in various co and extra-curricular activities.
 - Students Council at SPPU (University) level,
 - Sinhgad Students' Council (SSC) at the campus level,
 - Susamwad at SCOA (Institute) level. It is a **distinct** practice which has been followed at the institute for many years.
- **Communication and soft skills development:**
 - Each committee of Susamwad is constituted with a student-leader and together they prepare budgets, assign works and implement events. Exhibition, cultural events, indoor and outdoor sports, various special days, farewell and many such activities are conducted by Susamwad committees.
 - This is a **distinct** platform for students which gives the opportunity to develop confidence and various skills such as cognitive, communication, interpersonal, social, emotional, leadership, etc.
 - The students participate enthusiastically and mention their credentials of participation in LOR for higher studies abroad.
- **Institute level competitions:**
 - During annual exhibition, competitions for creative display panels are arranged; study tour presentation competition is an **exclusive practice** of the institute;
 - photography competitions and essay writing competitions are held to develop intellectual competence, technical knowledge, writing and oratory skills in a healthy manner under the guidance of faculty.
- **To increase employability:**
 - Value-added courses are successfully conducted for equipping students for intellectual development and to improve employability by introducing **distinct** topics which are not in the curriculum but needed while working in professional offices.
 - SCOA conducted courses on Architectural Portfolio making, landscape design for high-rise residential buildings, origami and parametric façade, 3D printing, etc.

INSTITUTIONAL DISTINCTIVENESS

Holistic development of students

- **Promotion of research and publication:**

- Students are motivated to excel in pursuing research to get selected to publish their research papers in the college publication “Shodh Sankalp.”
- Another publication of college is the annual magazine “ Abhiyakti” through which students express themselves through write-up, poems, sketches, photography skills, events and extracurricular activities. The magazine is edited by the students and printed, and also published online on the college website.

- **Emotional wellbeing:**

- Mentor-mentee system maintains a friendly relationship between faculty and students. Faculty-mentors conduct counseling sessions for students to strengthen self-confidence and to support emotionally whenever necessary.

- **Physical wellbeing:**

- Each student undergoes medical check-up by campus doctor after admission to the program. Seminars/ interactive sessions by experts are organized for health awareness, eye care, women health issues, healthy diet, etc.
- The students are encouraged to arrange and participate in indoor and outdoor sports in the institute and also to participate in inter-college competitions to build endurance physically and psychologically.

- **Environment awareness:**

- Institute organizes tree plantation drive in campus and outside with guidance of faculty for selection of native and medicinal trees.
- Institute instructs students for not using plastics and non-degradable materials for making models and other assignments and for saving electricity and water in the college.
- Study tours are integrated with **appropriate outreach activities** with local authorities. Students participated in the sea beach cleaning at the time of study tour, and documented important local structures and shared the work with local authorities.

- **Societal duties:**

- Blood donation camps are regularly arranged for SKN hospital, donations of old clothes, school stationery items are distributed through *Samindra* NGO, with whom we have signed MoU as **partner for social service**.

PLEDGE

Architecture is my chosen career, and I am aware of the significant contribution of the architectural fraternity, to the cultural heritage of the world. I am proud to be a part of this fraternity.

Hence, with deep reverence, I pledge today that,

I shall strive to ensure, that my activities support and contribute to the environment, and future welfare of society. I shall apply my skill to the creative, responsible economic development of society.

I shall act with fairness and impartiality in my future career, and shall maintain a high standard of integrity as a students & professional.

I shall contribute to the advancement of Architecture, standards of Architectural education, research, training and practice.

I shall conduct myself in a manner, which is not derogatory to my character, neither likely to lessen the confidence of

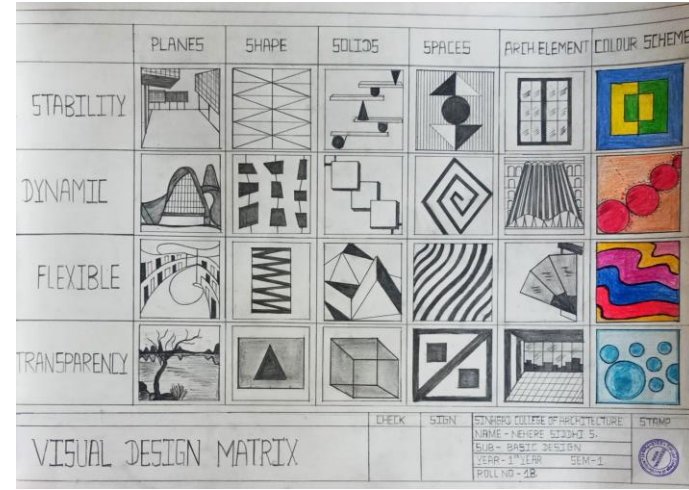
the public in the profession, nor bring Architects into disrepute. To this fraternity of architecture, I pledge my devotion

**GLIMPSES OF
STUDENTS ACADEMIC WORKS
2022-23**

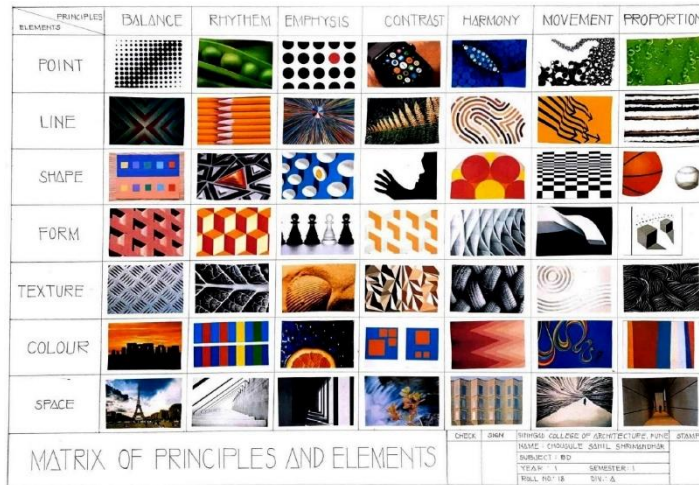
BASIC DESIGN



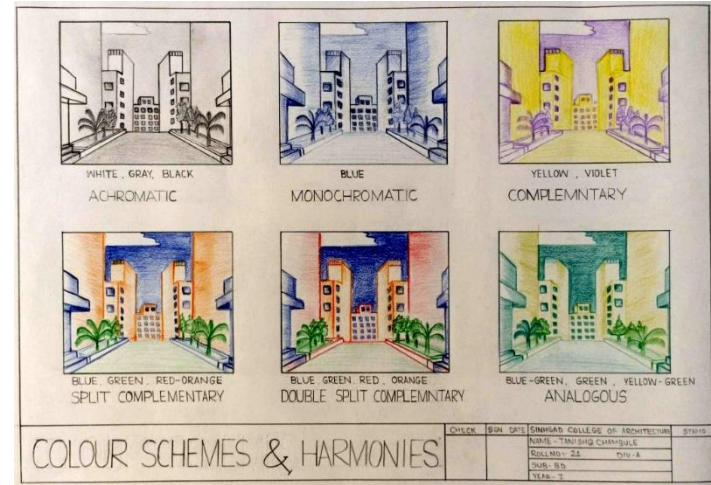
SAHIL CHOUGULE



SIDDHI NEHERE

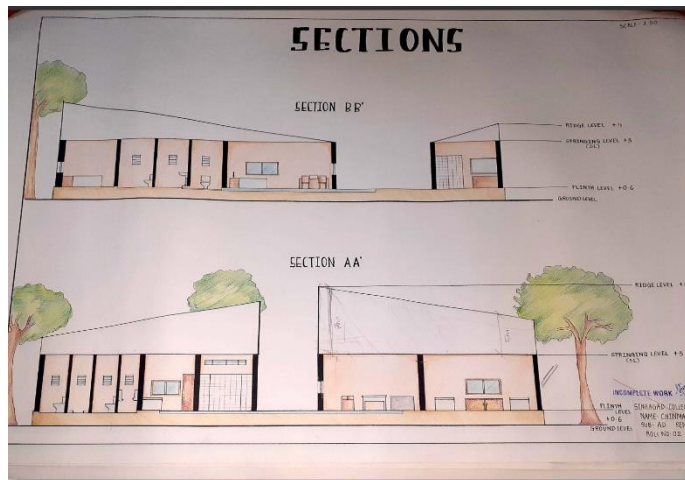
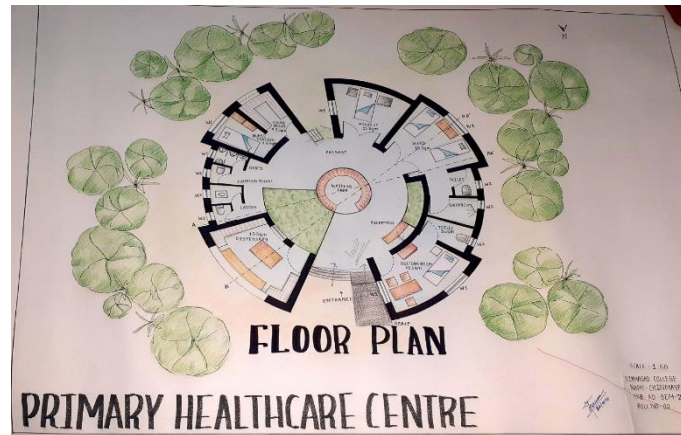
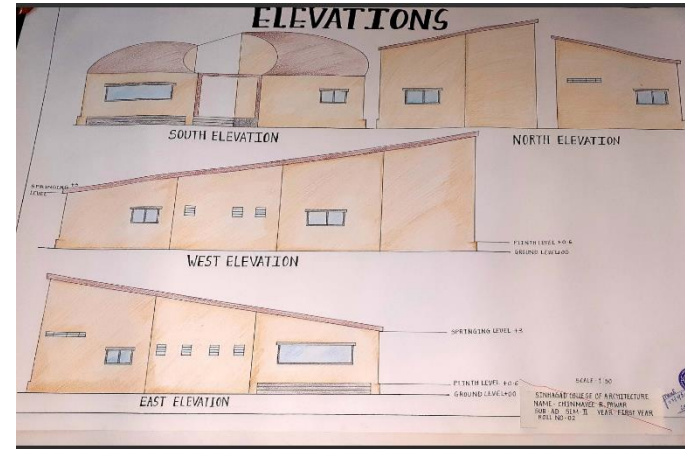
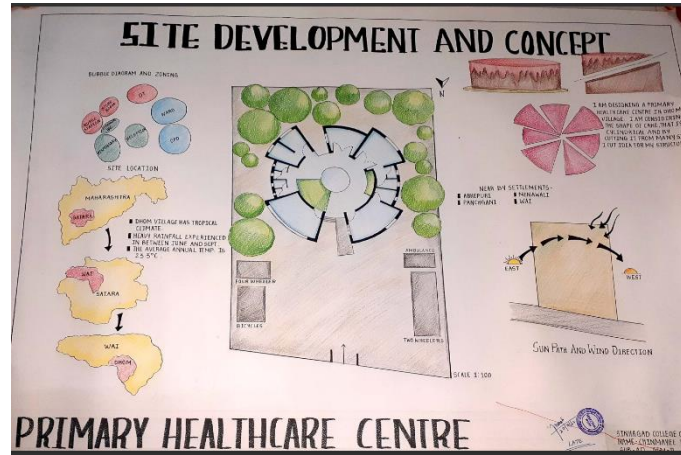


SAHIL CHOUGULE



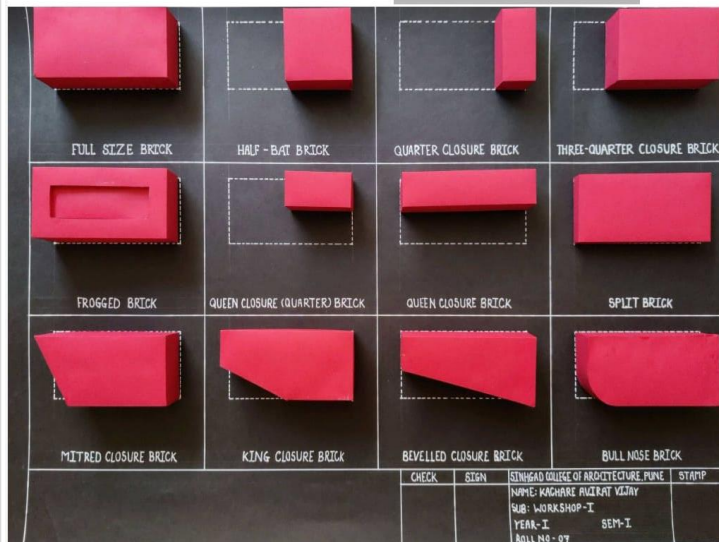
TANISHQ CHAMBULE

DESIGN I



CHINMAYEE PAWAR

WORKSHOP



AVIRAT KACHARE



JALI CUTTING

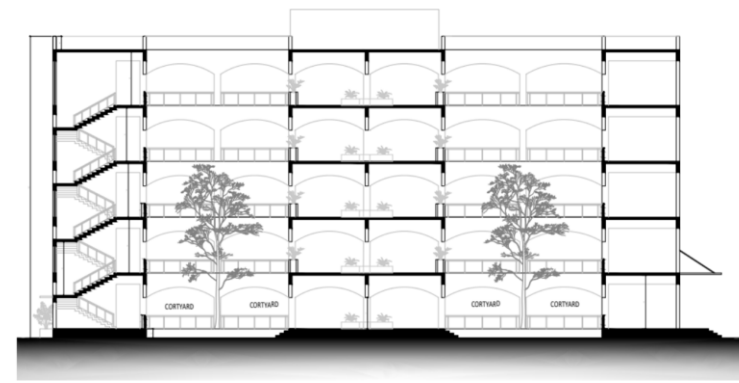
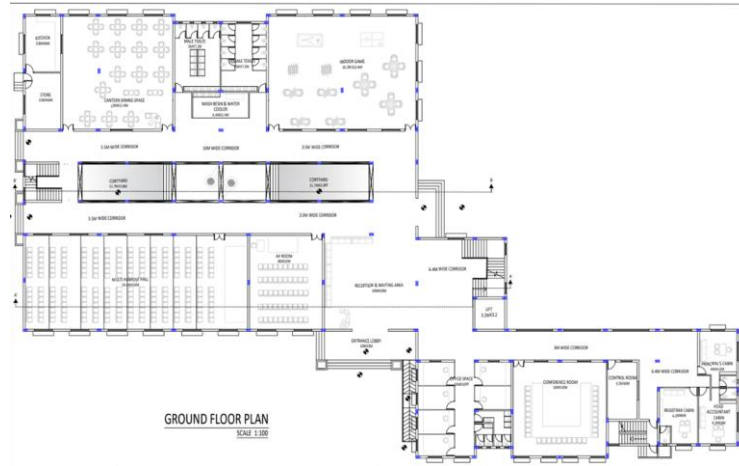


DESIGN II



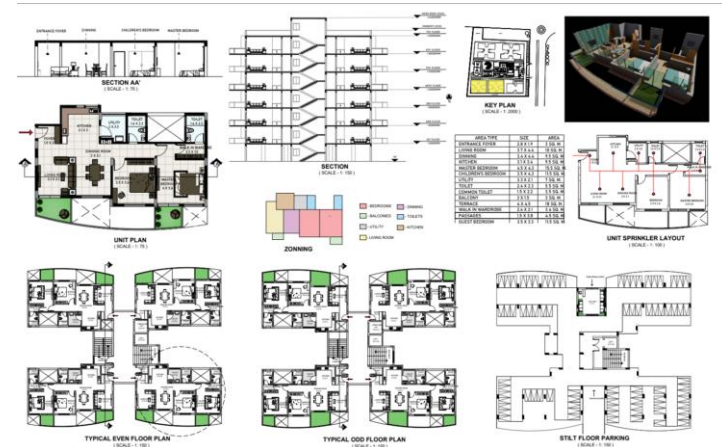
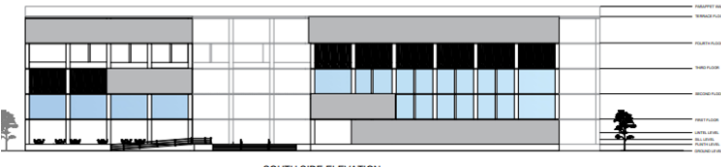
YATISH CHAUDHARY





BHUSHAN MAHAJAN

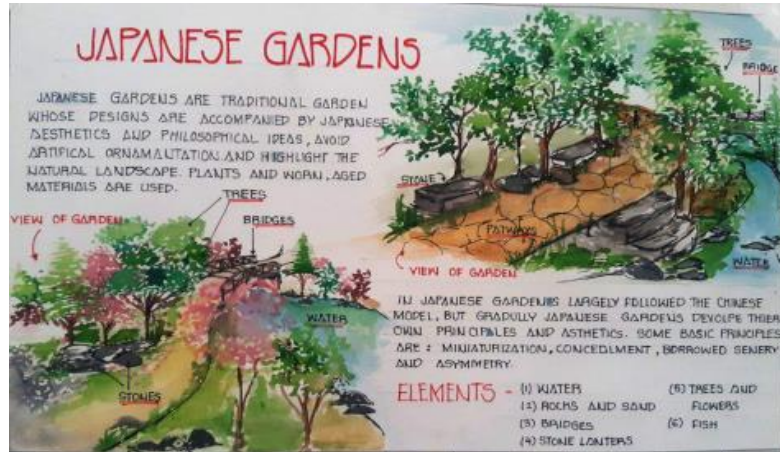
DESIGN VI



PRANJAL BARAVKAR

KSHITIJA MAHALE

LANDSCAPE I



DAKSHAYANI CHANNA



SHRITEJ KOLI



DAKSHAYANI CHANNA

Elements of Spanish Landscape :

- Tiered Spanish fountains
- Moorish lanterns
- Carved cantera forms
- Urns
- Slump block
- Saltillo tiles
- Cantera stone
- Plaster



Moorish Lanterns



Tiered Spanish Fountains



Saltillo Tiles



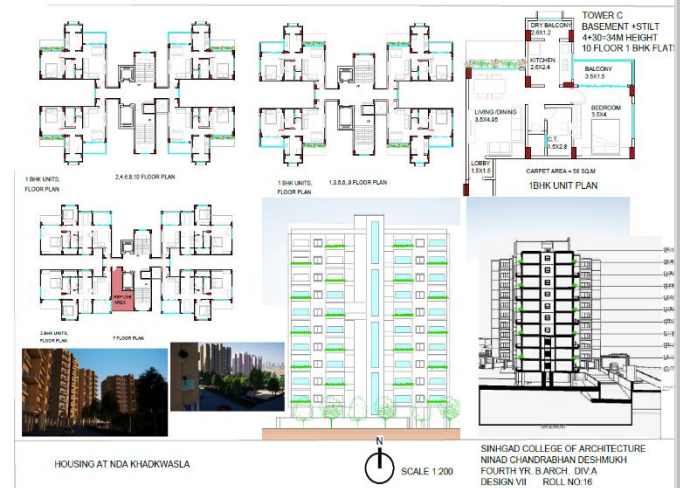
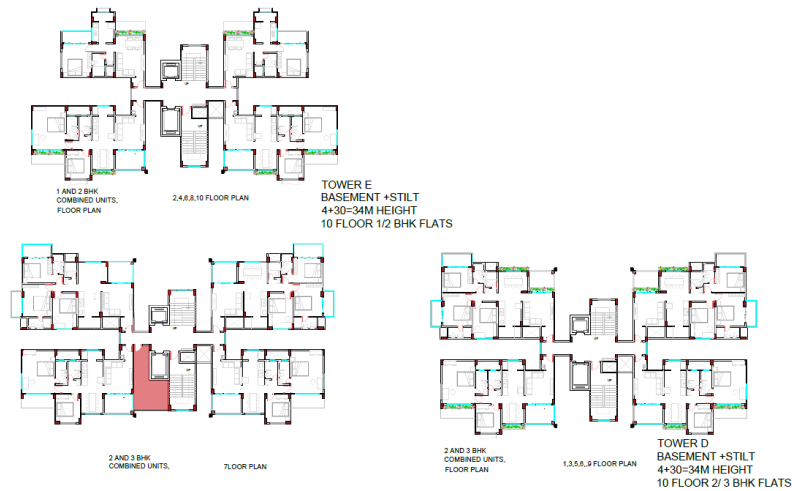
Spanish Urns



KSHITIJA B. MAHALE



NINAD DESHMUKH



CASE STUDY 01: MERCEDES BENZ MUSEUM

CASE STUDY 02: ENZO FERRARI MUSEUM

CASE STUDY 03: HERITAGE TRANSPORTATION MUSEUM

COMPARATIVE ANALYSIS

CASE STUDIES

SHARVA DARODE

SITE ANALYSIS

AIM:
 To design an Automobile Museum and Exhibition Centre which will create a point of attraction between visitors to view the exhibits as well as for the automobile to reach out to the public with their new technology.

OBJECTIVE:
 1. To create more opportunities for automakers to exhibit their products.
 2. To simplify the selection process before buying an automobile.
 3. To bring up the history of automobiles.

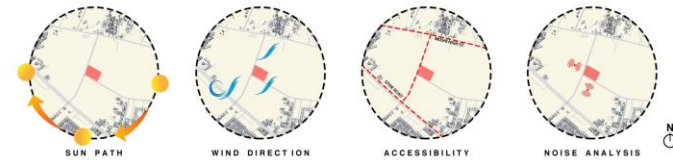
SCOPE:
 Today with the cutting edge technology in automobiles, the stress mechanical car will soon be forgotten as the speed of evolution is increasing rapidly. The museum will host the best automobiles of every era marking the best technology of its time making it the machine that compelled to level up the future models. Some of these cars were not only remarkable for those days but are also best in their class even today. All such extraordinary cars will be displayed in the museum who made bold statements in their era. There are a large number of automakers in the region who can launch their new technology in the exhibition centre and take part in the expos in the exhibition centre. Foreign brands planning to set their foot in India can also launch their cars showcasing their technology. This can generate more employment in overall aspect.

LIMITATIONS:
 The museum's planning and designing including the functional and aesthetical part of it is to be designed by an architect.
 Load calculations of the large spans and structural members.

WHY PCMC?
 Pune City is a satellite city of Pune. It has experienced a huge growth boom due to emergence of robust automotive IT and manufacturing sectors within its borders. Situated 15km away from the core of Pune City, the satellite industrial town is expanded linearly through the state and national highways towards east and west. Its rooted history being overshadowed by the rapid industrialisation, makes the city to be known as the largest automotive hub of the Maharashtra State. Blocked by Dehu Cantonment towards north and College of Military Engineering towards south, the city expansion is directed towards east and west.

Site Area = 24,895 SQM (6.15 acres)

28° - 30°C, 790 mm, 11° - 20° C



SWOT ANALYSIS

- S:** 2 side road access to the site. Easy access for visitors as well as manufacturers.
- W:** Noise disturbance may occur due to the vehicles on the road.
- O:** To make space available for automotive companies to launch their products.
- T:** The surrounding area is yet to develop.

TOPOGRAPHY
 The site has a contour of 1m in the center.
 Location: PCMC sector 8
 Site Area: 24,895 sq.m. approx.
 Access: 2 side access.
 Adjacent Road: Primary 30m wide. Secondary 18m wide.
 Vegetation: Few trees on periphery.

SITE DIMENSIONS

DEVELOPMENT PLAN

SITE JUSTIFICATION

1. Easily accessible for visitors from Pune as well as those coming from other cities as the site can be accessed without entering the city.
2. The site is located on the outskirts of city.
3. Strategically selected in the vicinity of large number of automobile industries who also have access via wide roads to transport their exhibits in transportation vehicles.
4. Site is located on a part of land reserved for the international exhibition center in PCMC.



AUTOMOBILE MUSEUM AND EXHIBITION CENTER. SHARVA DARODE

CASE STUDY 01: MERCEDES BENZ MUSEUM

CASE STUDY 02: ENZO FERRARI MUSEUM

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28° - 30° C, 790 mm, 11° - 20° C

SUN PATH **WIND DIRECTION** **ACCESSIBILITY** **NOISE ANALYSIS**

PCMC RAILWAY STATION 7.8 Km (10 Min)
BUS STOP 1.8 Km
PUNE AIRPORT 17.3 Km (40 Min)
MDC BHOSARI POLICE STATION 6Km (30Min)
HOSPITAL 1.5 Km (20Min)
FIRE STATION 0.7 Km
AUTO MANUFACTURERS 2.3 Km - 26.5 Km

SWOT ANALYSIS

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VEGETATION

The site has been reserved for international exhibition

SITE PHOTOS:

ACCESS ROAD

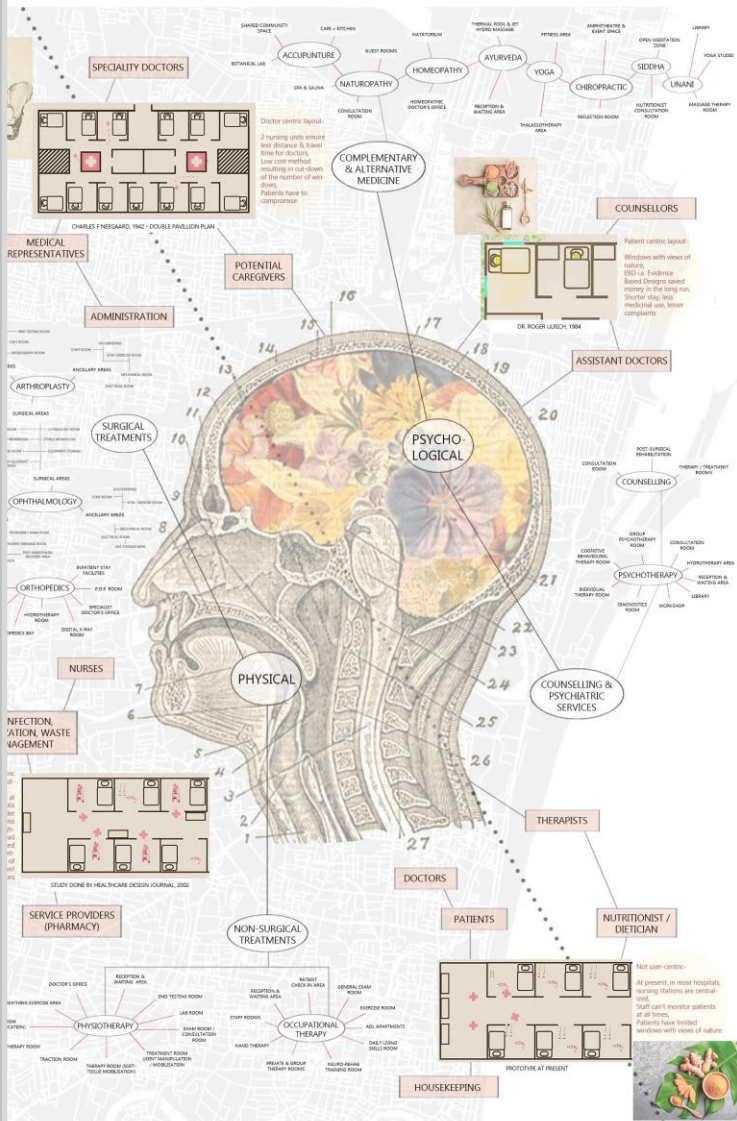
SHARVA DARODE

AUTOMOBILE MUSEUM AND EXHIBITION CENTER. SHARVA DARODE

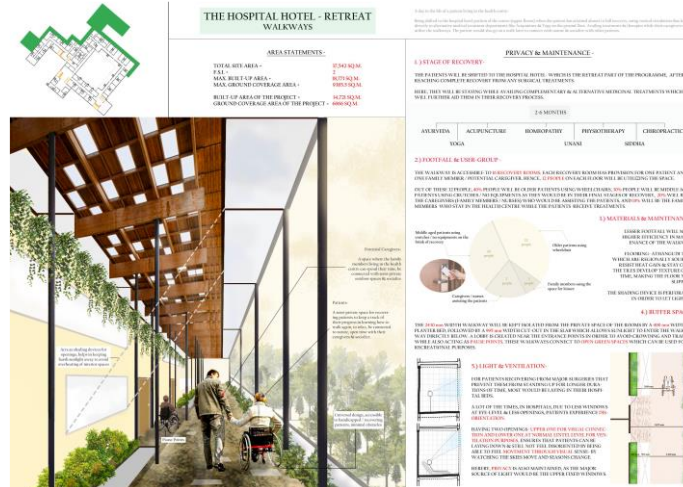
ACADEMIC WORKS

FINAL YEAR B. ARCH

ADP



PAVITRA NAYAK



URBAN DESIGN

Sustainable development is the development that meets the needs of the present without compromising the ability of future generations to meet their own needs.

Our Common Future - Brundtland report

A green or sustainable building is a building that, throughout its construction and lifetime, can maintain or improve the quality of life or the environment in which it is located.

An **environmentally sustainable** all aspects of energy use in a building by providing an optimum mix of passive solar - design strategies, energy-efficient equipment, and renewable sources of energy.



BIO - relating to life, relating to biology, relating to living things.

PHILIC - developing a fondness or inclination for a specified thing.

Five Principles of BIOPHILIC DESIGN



THOUSAND YARD PAVILION - Studio Precht



The design for restoration of the 30,000sqm site, is a sequence of modular building blocks, that perform the core functions of the pavilion.

Each block connects all the corners to all neighbors and offers a continuous space inside and one block 'urban gardens' area on the roof.

"The pavilion was designed as a network of small scale units," says Precht. "It was a core mission to create a large, iconic structure that carries a quality of life. Further, we wanted to create a space that can be explored by the visitors."

NAKAGI CAPSULE TOWER - Kisho Kurokawa



The Nakagi Capsule Tower Building, designed by the Japanese architect Kisho Kurokawa, is a representative work of the Japanese architectural movement called 'Metabolism'. It was built with the idea that the building structure, the building would carry out a series of mutations.

Metabolism was a post-war Japanese architectural movement that began after World War II. It was a response to the need for rapid reconstruction and growth. The core aim was to create architecture that was flexible and adaptable to changing conditions and other factors. It included regularly added wings, attached to permanent structures.

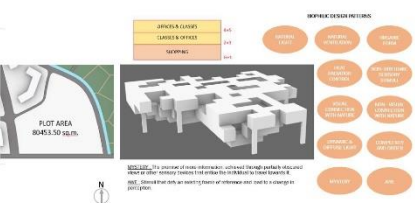
Built in the dense area of Tokyo, a Metabolism core structure was created and a series of wings were added. A central core, designed by Kurokawa, was built. The surrounding surrounding buildings around it and it was designed by the Japanese architect Kisho Kurokawa. It is a prototype for architecture of temporary and modularity, which can be used for a long time. The building was built and modified in a high-rise building, which is a prototype for architecture of temporary and modularity, which can be used for a long time. The building was built and modified in a high-rise building, which is a prototype for architecture of temporary and modularity, which can be used for a long time.

TITIKSHA A BHAWSAR

- A commercial complex established in 2005 under PMC.
- Under 2000, the area was under (Charnocki) development.
- It is a 8 story of structure with a single basement.
- The total plot area is 27,830 sq.m, & the total builtup area is 35,942.74 sq.m.
- It has about 785 shops and office spaces.
- Shops on ground and floor & offices on 2nd to 8th floor.

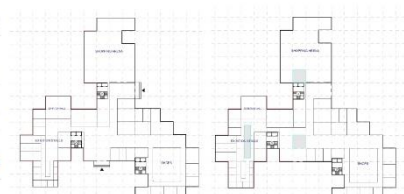
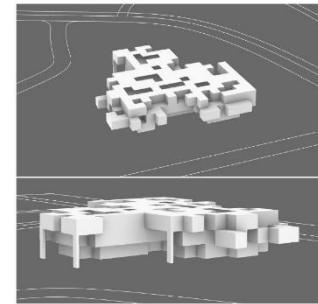
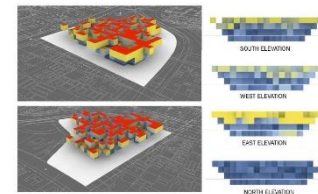
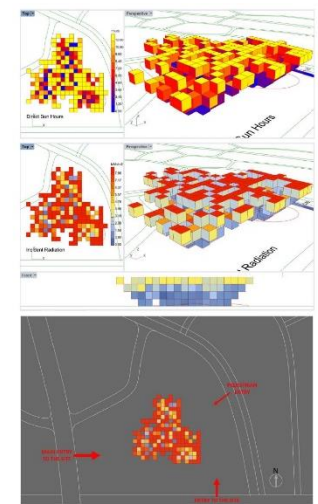


NO. OF FLOOR	AREA (sq.m)	BUILDING	USE	AREA (sq.m)	AREA (sq.m)	TOTAL
GROUND FLOOR	27,830	RETAIL	RETAIL	27,830	27,830	27,830
FLOOR 1	27,830	RETAIL	RETAIL	27,830	27,830	27,830
FLOOR 2	27,830	OFFICE	OFFICE	27,830	27,830	27,830
FLOOR 3	27,830	OFFICE	OFFICE	27,830	27,830	27,830
FLOOR 4	27,830	OFFICE	OFFICE	27,830	27,830	27,830
FLOOR 5	27,830	OFFICE	OFFICE	27,830	27,830	27,830
FLOOR 6	27,830	OFFICE	OFFICE	27,830	27,830	27,830
FLOOR 7	27,830	OFFICE	OFFICE	27,830	27,830	27,830
FLOOR 8	27,830	OFFICE	OFFICE	27,830	27,830	27,830
TOTAL	27,830			27,830	27,830	27,830



TITIKSHA A BHAWSAR

REDESIGN OF KK MARKET



TITIKSHA A BHAWSAR

SCOA FAMILY
2021-22

PHOTOS

Due to the Pandemic situation, the photography session was delayed in 2021-22,

Hence, incorporating in the Annual Report of 2022-23

CLASS PHOTOS: 2021-22

B. ARCH. FIRST YEAR



DIVISION-A



DIVISION-B



DIVISION-C



DIVISION-D



DIVISION-A



DIVISION-B



DIVISION-C



DIVISION-D

CLASS PHOTOS : 2021-22

B. ARCH. THIRD YEAR



DIVISION-A



DIVISION-B



DIVISION-C



DIVISION-D

CLASS PHOTOS: 2021-22

B. ARCH. FOURTH YEAR



DIVISION- A



DIVISION- B



DIVISION- C



DIVISION- D



DIVISION-A



DIVISION-B



DIVISION-C



DIVISION-D

B. ARCH. FACULTY: 2021-22





**SCOA FAMILY
2022-23**

PHOTOS

CLASS PHOTOS: 2022-23

B.ARCH FIRST YEAR



DIVISION- A



DIVISION - B



DIVISION- C



DIVISION - D

CLASS PHOTOS: 2022-23

B.ARCH SECOND YEAR



DIVISION- A



DIVISION - B



DIVISION- C



DIVISION - D

CLASS PHOTOS: 2022-23

B.ARCH THIRD YEAR



DIVISION- A



DIVISION - B



DIVISION- C



DIVISION - D

CLASS PHOTOS: 2022-23

B.ARCH FOURTH YEAR



DIVISION- A



DIVISION - B



DIVISION- C



DIVISION - D

CLASS PHOTOS: 2022-23

B.ARCH FIFTH YEAR



DIVISION- A



DIVISION - B



DIVISION- C



DIVISION - D

FACULTY SCOA: 2022-23



FACULTY SCOA: 2022-23



FACULTY M. ARCH.



SUSAMWAD TEAM



NON-TEACHING TEAM



LIBRARY TEAM

Conclusion

Education is the manifestation of perfection already exists in human

Swami Vivekananda

With this conviction we attempt for

- **development of young students to contribute to the society**
 - **generic skills, application skills, soft or life skills**
 - **socially, intellectually and emotionally tolerant and sensitive**
- **Through quality enhancement and outcome-based education system**
- **To achieve goal of multidisciplinary knowledge hub as recommended in National Education Policy 2020**

Hope for speedy normalization and to see our students to grow and become sensitive citizens of the globe

ANNUAL REPORT 2022-23



SOCIAL MEDIA LINKS

B. Arch.

Instagram: [scoa_official](https://www.instagram.com/scoa_official)

Instagram: https://instagram.com/scoa_official?igshid=gtylhbn44tv

Facebook: Sinhgad College of Architecture, Pune

Facebook: <https://m.facebook.com/scoaofficial/>

M. Arch. Computer Applications:

Instagram: https://www.instagram.com/scoa_marchca/

Facebook: <https://www.facebook.com/M-Arch-Computer-Applications-SCOA-239594033850850/>

M. Arch. Architectural Conservation:

Instagram: https://www.instagram.com/m.arch_conservation_scoa/?hl=en

Facebook: <https://www.facebook.com/MArch-Architectural-Conservation-SCOA-Pune-226928202070470/>

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