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

Pune, Maharashtra, India

Lat N 18° 27' 58.8132" Long E 73° 50' 8.916"

07/07/21 03:00 PM

Vadgaon Budruk, Pune, Maharashtra 411041, India

titute

B. Arch Department, Sinhgad College of Architecture, Sinhgad Institute Rd.

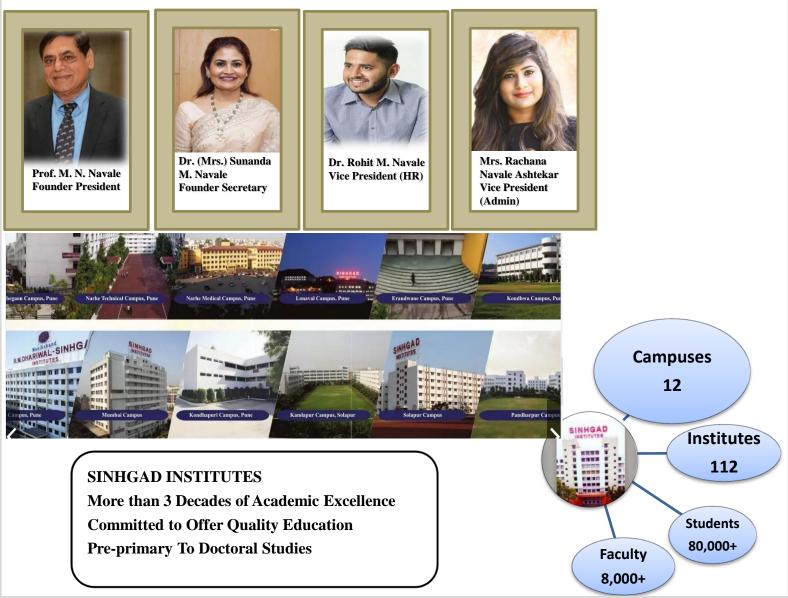
SINHGAD TECHINCAL EDUCATION SOCIETY'S SINHGAD COLLEGE OF ARCHITECTURE, PUNE NAAC accredited

ANNUAL REPORT 2023-24

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



SCOA AT A GLANCE

TWO DECADES OF ACADEMIC EXCELLENCE

Established 2000 Approved by COA, GoM

Approved by COA, Gow Affiliated to SPPU

NAAC accredited

Grade B++

OUR VISION

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

OUR MISION

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

Offers

B. Arch.

(Since 2000-01) (160 Intake)

M. Arch.

(Architectural Conservation)

(Since 2006-07) (20 Intake)

M. Arch.

(Computer Applications)

(Since 2007-08) (20 Intake)

PhD in Architecture

(Since 2011-12) (intake 10)

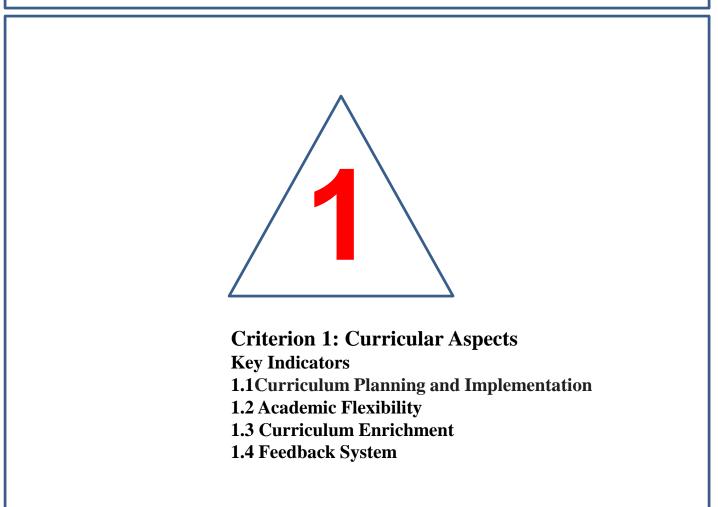
SCOA AT A GLANCE

GOVERNING BODY			
Prof. Maruti Nivrutti Navale	Founder-President, STES	Chairman	
Dr. (Mrs). Sunanda M. Navale	Founder-Secretary, STES	Member	
Mrs. Rachana Navale Ashtekar	Vice-President (Admin), STES	Member	
Dr. Rohit M. Navale	Vice-President (HR)	Member	
Mrs.Shruti R.Navale	Director, STES	Member	
Shri. Arvind V Deshpande	Director, STES	Member	
Shri. G.K. Shahani	Special Invitee	Member	
Nominee, DTE, Maharashtra State		Member	
Nominee, SPPU		Member	
Dr. Banani Banerjee	Principal, SCOA	Member-Secretary	

COLLEGE DEVELOPMENT COMMITTEE			
Prof. Maruti Nivrutti Navale	Founder-President, STES	Chairman	
Dr. (Mrs). Sunanda M. Navale	Founder-Secretary, STES	Member	
Mrs. Rachana Navale Ashtekar	Vice-President (Admin), STES	Member	
Dr. Rohit M. Navale	Vice-President (HR)	Member	
Mrs.Shruti R.Navale	Director, STES	Member	
Shri. Arvind V Deshpande	Director, STES	Member	
Shri. G.K. Shahani	Special Invitee	Member	
Dr. Priyamvada Nitin Chitale	Representative Teaching Staff	Member	
Prof. Kalpana Ramesh Hadap	Representative Teaching Staff	Member	
Prof. Priti Dhanwat	Representative Teaching Staff	Member	
Mrs. Sayali Rahul Shivarkar	Non - Teaching Staff	Member	
Dr. Banani Banerjee	Principal, SCOA	Member-Secretary	

44/1, Vadgaon (Bk.), Pune - 411041

CRITEION I: CURRICULAR ASPECTS



CURRICULUM: SPPU SYLLABUS

B. Ar		M. Arch.	M. Arch.
FIRST YEAR			
		(Architectural Conservation)	
TERM I SEMESTER I	TERM II SEMESTER II	FIRST YEAR (2019 Pattern)	FIRST YEAR (2019 Pattern)
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 SECOND SEMESTER III Architectural Design II Building Construction & Materials III	 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 Conservation Studio I Elective I Introduction to conservation Material Culture Studies Planning Theory Structural Conservation I SEMESTER II Conservation Studio II Elective II History, Theory and Criticism Conservation Management	 SEMESTER I Digital Design Studio I Elective I Digital Tools & Techniques I Digital Design Theory I Automated Design Digital Fabrication SEMESTER I Digital Design Studio II Elective II Digital Tools & Techniques II Digital Design theory II
 Theory of Structure III Computer Aided Drawing & Graphics Building Services I History of Architecture and Culture III Climatology 	 Theory of Structure IV Environmental Science Building Services II History of Architecture and Culture IV Site Survey & Analysis 	Conservation Management Research I Structural Conservation II SECOND YEAR	 Digital Design theory II Research I Computer Graphics SECOND YEAR
Audit course THIRD Y	Audit course	SECOND TEAR	SEMESTER III
 SEMESTER V 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 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	 Conservation Studio III Research II Conservation Practices and Training Cultural Landscape Conservation Legislation Heritage Risk Assessment and Mitigation SEMESTER IV Conservation Project 	 Digital Design Studio III Research II Digital Practices & Professional Training Interaction Design Smart materials & advanced Computational Design Skills SEMESTER I
FOURTH		Elective III	Project Election III
 SEMESTER VII 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 Design VII Advanced Building Construction& Science II Urban Studies II Quantity Surveying & Specification Writing II Project Management Elective IV Elective V 		Elective III
FIFTH Y		4	
• Practical Training	 SEMESTER X Architectural Design Project (Thesis) Entrepreneurship Development Elective VI (Open) 		

EFFECTIVE CURRICULUM PLANNING AND DELIVERY

Objectives:

- To set a quality enhancement benchmark to excel holistically to achieve vision & Mission
- To adopt a mechanism for planning, implementation, evaluation and documentation simultaneously

Methodology

- Outcome Based Education: micro to macro level Planning
- Student-centric methods
- Value Added Courses: Additional Knowledge
- Holistic development: comprehensive system for curriculum delivery, co & extra-curricular activities

A well planned system

- Decentralized, tiered and stage wise system
 - 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
- Pedagogy

٠

- Teaching load distribution
 - faculty as per their expertise, experience, and preferences
 - junior teachers initially associate seniors to learn
- focuses on majorly three parameters with variations of weightage
 - theoretical
 - practical or demonstration of projects
 - research for most of the subjects.
- Systematic planning
 - Session and lesson plans in accord with COs
 - Assignment briefs, site visits, experts, workshops
 - overlaps, teaching schedule for each class for each semester for each subject is prepared, with all internal progressive evaluation dates as submission and jury for all subjects, examinations, co and extracurricular activities, and holidays.
 - parity of all divisions
 - similar Session and Lesson Plan by subject coordinator teams
 - Review together in monthly quarter meetings
 - Diversities in student centric learning by all divisions through experimental methods

EFFECTIVE CURRICULUM DELIVERY

CONTINUOUS INTERNAL ASSESSMENT (CIA)

Objectives:

- To Schedule systematic progressive assessment date in academic calendar for smooth periodic assessment
- To maintain Transparency by sending progressive ٠ performance reports to students and parents

Quarter / monthly meeting under IAMC

- all faculty members attend ٠
- to monitor status of completion of teaching content as ٠ per syllabus, status of completion and quality of students' academic work, attendance status, etc.
- The lacunae are identified and measures are taken for ٠ concurrent quality enhancement throughout the semester.

Quarter reports

- Monthly meeting reports (digital format) are sent to ٠ parents and discussed at Teachers-Parents (PTM) meetings.
- Feedback is considered to improve the system. ٠

ACADEMIC FLEXIBILITY: VALUE ADDED COURSES Hybrid (online & Offline)

Objectives:

- Employability scope to increase for students
- opportunities to faculty to specialize in various topics ٠
- to align with NEP credit courses as part of curriculum & included in ABC (Academic bank of Credits) ٠

Courses conducted in 2023-24

- 1. Parametric Modelling
- Tools for Documenting Architectural Heritage 2.
- 3. Architectural Portfolio Making
- 4. Urban Highrise residential Landscape
- 5. Basics of Photography

SIMULTANEOUS DOCUMENTATION

- SP, LP
- Quarter meeting status of syllabus completion, ٠ academic performances, and attendance progressive and cumulative
- co-curricular works are documented and • preserved digitally
- progressive marking ٠
- methods of teaching, reviewing and remedial ٠ measures for defaulters and keeping record
- Digital exhibition

remedial classes

- Mentor-mentee counseling records in booklet Quality enhancement initiatives
- mock / practice test and mock viva/ juries
- question bank shared with students ٠

CURRICULUM ENRICHMENT

	B. Arch. SYLLABUS	(SPPU- 2019 Pattern)	PROFESSIONAL
	TERM I	TERM II	ETHICS:
~~~~		YEAR	Communication
SEN	IESTER I	SEMESTER II	
	Basic design Building Construction Material I	Architectural Design I	skills- Sem I
	Theory of Structures I	Building Construction Material II	Professional Practice
•	Architectural Graphics and Drawing I	<ul> <li>Theory of structures II</li> <li>Architectural Graphics and Drawing II</li> </ul>	– Sem VII
•	History of Architecture and Culture I	<ul> <li>History of Architecture and Culture II</li> </ul>	Project Management
•	Communication skills	• Fundamentals of Architecture	– Sem VIII
	Workshop I	Workshop II	Practical Training -
	Audit course	Audit course	Sem IX
		D YEAR	
	IESTER III	SEMESTER IV	
	Architectural Design II	Architectural Design III	HUMAN VALUES
	Building Construction & Materials III	Building Construction & Materials IV	History of
	Theory of Structure III	Theory of Structure IV	Architecture &
	Computer Aided Drawing & Graphics Building Services I	Environmental Science	Culture – Sem I to V
		Building Services II	
	History of Architecture and Culture III	History of Architecture and Culture IV	Urban studies – Sem
	Climatology	Site Survey & Analysis	VII, VIII
	Audit course	Audit course YEAR	4
FN	THIK TESTER V	SEMESTER VI	
	Architectural Design IV	Architectural Design V	ENVIRONMENT
	Building Construction & Materials V		SUSTAINABILITY
	Theory of Structure V	<ul> <li>Building Construction &amp; Materials VI</li> <li>Theory of Structure VI</li> </ul>	Climatology – Sem I
	Building Services III	Building Services IV	Landscape
	Landscape Architecture	Research in Architecture I	architecture – Sem V
	Working Drawing I	Working Drawing II	
	Elective I (Contemporary Architecture)	Elective II(Contemporary Architecture)	Environmental
	Audit Course	Audit Course	Science –Sem IV
		H YEAR	
	IESTER VII	SEMESTER VIII	
	Architectural Design VI	Architectural Design VII	Holistic knowledge
	Advanced Building Construction & Science I	Advanced Building Construction& Science II	
)	Urban Studies I	Urban Studies II	all above -
	Research in Architecture II	Quantity Surveying & Specification Writing II	Architectural Design
	Quantity Surveying & Specification Writing I	Project Management	Sem II to X
	Professional Practice	Elective IV	
	Elective III	Elective V	
		(2015 Pattern)	]
EN	IESTER IX	SEMESTER X	
•	Practical Training	Architectural Design Project	
		Entrepreneurship Development	
		Elective VI (Open)	1

### **CURRICULUM ENRICHMENT**

M. Arch. (Architectural Conservation) FIRST YEAR (2019 Pattern)	M. Arch. (Computer Applications) FIRST YEAR (2019 Pattern)
SEMESTER I	SEMESTER I
<ul> <li>Conservation Studio I</li> <li>Elective I</li> <li>Introduction to conservation</li> <li>Material Culture Studies</li> <li>Planning Theory</li> <li>Structural Conservation I</li> </ul> SEMESTER II <ul> <li>Conservation Studio II</li> <li>Elective II</li> <li>History, Theory and Criticism</li> <li>Conservation Management</li> <li>Research I</li> <li>Structural Conservation II</li> </ul>	<ul> <li>Digital Design Studio I</li> <li>Elective I</li> <li>Digital Tools &amp; Techniques I</li> <li>Digital Design Theory I</li> <li>Automated Design</li> <li>Digital Fabrication</li> </ul> SEMESTER I <ul> <li>Digital Design Studio II</li> <li>Elective II</li> <li>Digital Tools &amp; Techniques II</li> <li>Digital Design theory II</li> <li>Research I</li> <li>Computer Graphics</li> </ul>
<ul> <li>SECOND YEAR</li> <li>SEMESTER III</li> <li>Conservation Studio III</li> <li>Research II</li> <li>Conservation Practices and Training</li> <li>Cultural Landscape</li> <li>Cultural Landscape</li> <li>Heritage Risk Assessment and Mitigation</li> </ul> SEMESTER IV <ul> <li>Conservation Project</li> <li>Elective III</li> </ul>	SECOND YEAR SEMESTER III Digital Design Studio III Research II Digital Practices & Professio Training Interaction Design Smart materials & advanced Computational Design Skills SEMESTER I Project Elective III

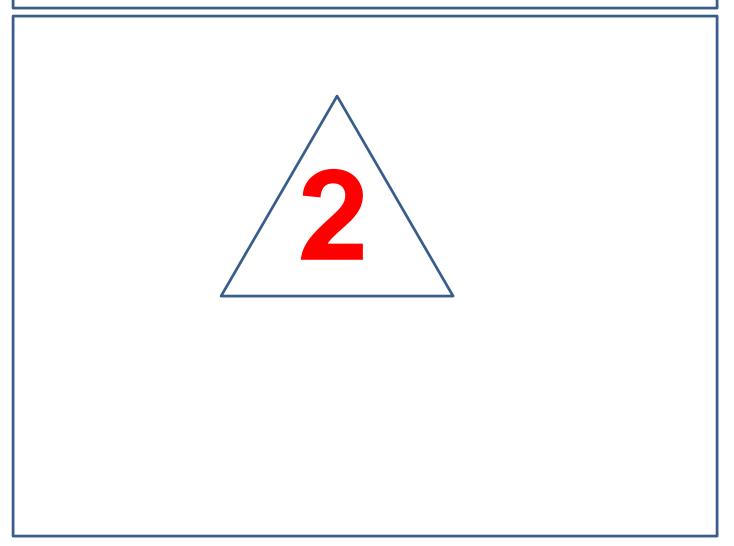
M.Arch. (Architectural Conservation) History, Theory and Criticism Conservation Practices and Training Conservation Studios Conservation legislation

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

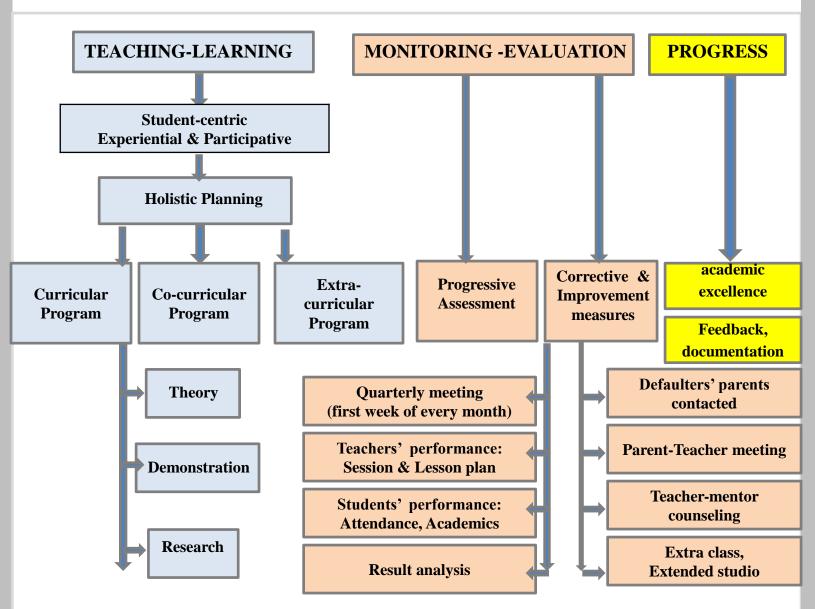
# **CURRICULUM ENRICHMENT**

PROFESSIONAL ETHICS	SCOA INITITVES
Communication skills- Sem I	Basic CoC for all communications
Professional Practice – Sem VII	Expert professional, Architects Act 1972, COA, norms
Project Management – Sem VIII	Expert professional, CoC, terms & conditions
Practical Training - Sem IX	SCOA Guidelines, 90 days working, coc, ethical issues
HUMAN VALUES	
History of Architecture & Culture – Sem I to V	Study tour, documentation, heritage walk
Urban studies – Sem VII, VIII	Live projects, lectures
ENVIRONMENT & SUSTAINABILITY	
Climatology – Sem III	Study tour, architectural design
Environmental Science –Sem IV	Projects, tree plantation, awareness
Landscape architecture – Sem V	Site visit, nature tour, Integrated in design,
HOLISTIC KNOWLEDGE OF ALL ABOVE	Demonstration in studio: Architectural Design – Sem II to X

#### **CRITEION II: TEACHING-LEARNING AND EVALUATION**



### **TEACHING LEARNING PROCESS**



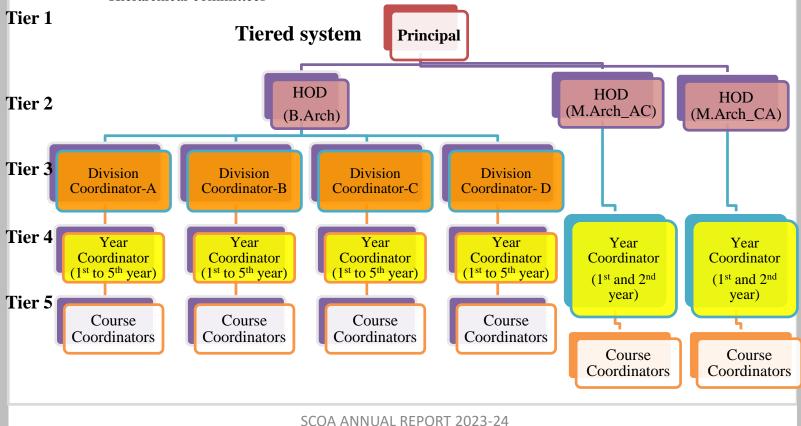
# TEACHING LEARNING STRATEGY

	CURRICULAR PROGRAM SPPU Syllabus, Calendar, Rules	CO-CURRICULAR Supporting to Curriculum	EXTRA-CURRICULAR All-round Development
1. 2.	<b>Teaching- learning</b> Theoretical: classroom teaching Practical / Demonstration: Studio	Site Visit Study Tour	Sports Cultural
3.	<ul><li>Research: in-depth study</li><li>individual / group assignments</li><li>Beyond classroom</li></ul>	Hands-on Workshop Seminar Conference	Freshers' Welcome Farewell function Alumni Association
1. 2. 3. 4.	<b>Evaluation</b> Progressive assessment Jury, examination Parents-Teachers meeting Teacher-mentor counseling <b>Progress</b>	Competition Guest / Expert Lecture Reading sessions Quiz, Debate Group Discussions	Movie club Social Welfare Program Eco-club
1. 2. 1. 2.	Frogress Feedback Reform Documentation Students' works Academic	Exhibition Wall Magazine News Letter Annual Magazine Induction, Orientation Convocation NASA	

### **TEACHING LEARNING IMPLEMENTATION**

#### TEACHING LEARNING IMPLEMENTATION

- Four quarterly review meetings of each term for curriculum delivery status, attendance & academic performance of students
- Reports sent to parents, PTM, Mentoring, remedial measures
- Co and extra curricular activities calendar Term wise
- Implemented through
  - Tiered system: Principal, HODs, Division Coordinators, Year Coordinators, Subject Coordinators
  - Hierarchical committees



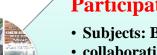
# STUDENT CENTRIC TEACHING LEARNING STRATEGY

### Architectural teaching Learning embedded with



#### **Experiential learning**

- Subjects: BD, AD, BCM, BS, AGD, HOC, Cl, LA, US
- Field-work: case studies, site-visits, study-tours
- Hands-on workshop
- ICT tools: drawings, assignment, presentation



#### **Participative learning**

- Subjects: BD, AD, BCM, BS, AGD, HOC, Cl, LA, US
- collaborative & people-centric
- Live projects
- ICT tools: drawings, assignment, presentation



#### **Problem-solving learning**

- Research: Inter-disciplinary issues
- Design: specific issues
- ICT tools: drawings, assignment, presentation

# STUDENT CENTRIC TEACHING LEARNING: STUDY TOUR

SCOA STUDY TOURS 2023-24					
		FIRST YEAR B. ARCH. STUDY TOUR			
Ι	I Bhandardara 19 th to 21 st February 2024 Ar.Vrushali Dhamne, Ar.Vishakha Ghule, Ar.Tejaswini Jangale, Ar.Shantanu Gaikwad				
	S	ECOND YEAR B. ARCH. STUDY TOURS			
II A	Pandharpur 9 th to 11 th January 2024	Ar. Priyanka Purohit, Ar. Neha Kapse, Ar. Agrawee Kodam			
II B	Panshet 2 nd to 5 th January, 2024	Ar.Sarika Thakoor, Ar.Saajan Mehta , Ar. Shantanu Gaikwad			
II C	Lonavala 9 th to 12 th January 2024	ProfPreeti Dhanwat, Ar.Ankoor Sakhare, Ar.Mayuri More			
II D	Saswad 26 th to 29 th December 2023	Dr.Priyamvada Chitale , Ar.Mukta Pandit , Ar. Kirti Bajare			
	ſ	THIRD YEAR B. ARCH. STUDY TOURS			
III A	Pandharpur 9 th to 11 th January 2024	Prof. Kalpana Hadap , Dr.Avani Topkar, Ar. Namrata Khatod			
III B	Solapur 3 rd to 6 th January, 2024	Ar. Akshay Pipada, Ar.Chaitrali Deshpande			
III C	Lonavala 9 th to 12 th January 2024	Ar.Jasmeet Jite, Ar.Vaishnavi Gawande			
III D	Saswad 26 th to 28 th December 2023	Ar.Asmita Kale, Ar. Tejaswini Jangale, Ar. Sangeeta Joshi			
	FO	OURTH YEAR B. ARCH. STUDY TOURS			
IV A	Pandharpur 9 th to 11 th January 2024	Ar.Gurudeep Chikhalkar , Ar.Manasi Khope, Ar.Megha Gaikwad			
IV B	Pirangut, Kasar Amboli, Urwade 3 rd to 5 th January 2024	Prof. Kavita Patil, Ar.Leena Jain, Ar.Indrayani Dasare,			
IV C	Phursungi 2 nd January to 4 th January 2024	Ar.Anuja Inamdar, Ar.Natasha Senapati, Ar.Senha Mote, Ar.Tejas Joshi			
IV D	Dehu 26 th to 28 th December 2023	Ar.Rupali Borhade, Ar.Swapnil Kuldharan, Ar. Priyanka Chavan			
	B. ARCH. STUDY TOUR				
All Ye	ears Kerala 5 th to 13 th February 2024	Ar.Priyanka Purohit, Ar.Indrayani Dasare, Ar. Shantanu Gaikwad			
	SCOA ANNUAL REPORT 2023-24				

17

### STUDENT CENTRIC TEACHING LEARNING: STUDY TOUR











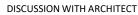


First Year Place: Bhandardara,Maharashtra Date: 19th February to 21st February 2024 Accompanying Faculty: Ar.Vrushali Dhamne, Ar.Tejaswini Jangale, Ar.Vishakha Ghule Number of students: 38

Second to Fourth Year Place: Kerala, India Date: 5th to 13th February 2024 Accompanying Faculty: Ar.Priyanka Purohit, Ar.Indrayani Dasare, Ar.Shantanu Gaikwad

### STUDENT CENTRIC TEACHING LEARNING: STUDY TOUR





20-30 YR

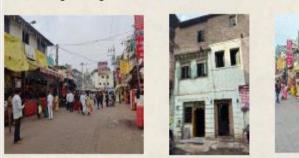


SOCIAL AND OUTREACH ACTIVITY

Settlement study of Panshet village by II Yr. Div B

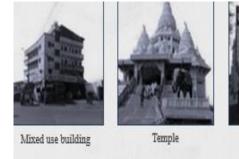






Study of Pandharpur by IV Yr. Div A





Study of Dehu by IV Yr. Div D

### **STUDENT ENROLMENT & FACULTY**

STUDENT ENROLMENT (UG & PG): 2023-24					
B.Arch. CLASS	STRENGTH	GENDER	S	M.Arch. (AC)	M.Arch. (CA)
		GIRLS	BOYS		
FIRST YEAR	37	19	18		
SECOND YEAR	106	62	44		
THIRD YEAR	97	59	38		
FOURTH YEAR	142	68	74		2 (G)
FIFTH YEAR	108	62	42		<b>1</b> (G) + <b>1</b> (B)
TOTAL	490	269	221	0	4

FACULTY PROFILE (UG + PG): 2023-24			
CADRE	TOTAL	GENDE	RS
		female	male
PRINCIPAL	1	1	-
PROFESSOR	6	6	-
ASSOCIATE PROFESSOR	12	11	1
ASSISTANT PROFESSOR	44	33	11
TOTAL	63	51	12

### **RESULT 2023-24**

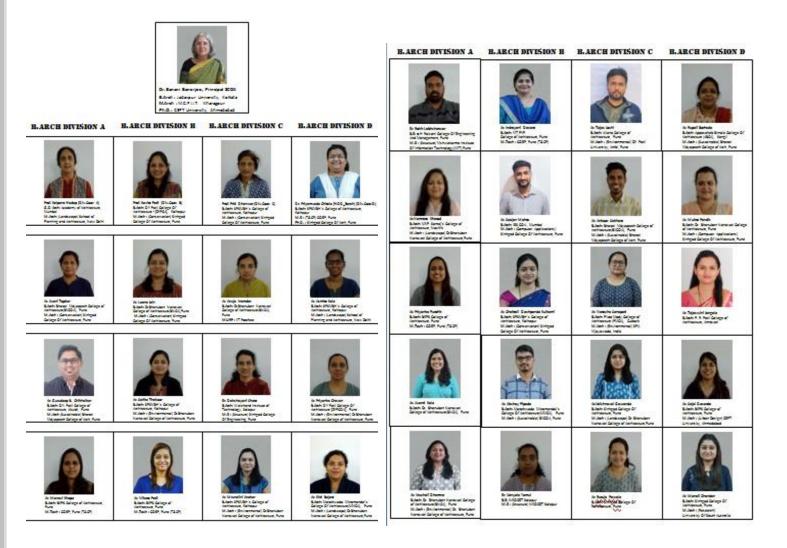
RESULT ANALYSIS: B.ARCH. & M.ARCH. (Final Year 2023-24)			
	B.ARCH. (%)	M.ARCH .(AC) (%)	M.ARCH. (CA) (%)
First Class (Distinction– 66%+)	45	-	-
First Class (60%+)	40	-	-
Higher Second Class (55%+)	3	-	100
Second Class (50%+)	-	-	-

<b>RESULT ANALYSIS: B.ARCH. 2023-24</b>		
Year	Passing (%)	All clear (%)
First Year	91.89	32.43
Second Year	94.12	51.96
Third Year	96.77	55.91
Fourth Year	92.81	64.03
Fifth Year	90.20	90.20
	•	•



SCOA Toppers of 2023-24

### **FACULTY PROFILE**



### **B.ARCH.**

### **FACULTY PROFILE**



(AC) (CA) Dr. Pranati Lat (HDD), Amhlematal in Arient Pall. **Construction** Känk lädge Sölligt SF Black Ltd C Bill offers a dilution indiantica, Pear Fagne Mahaba (Cangalines Applications) III. Josh - (Consumation) 5235, Pune larigat Lobgs Of Soldierban, Point Phills - Mittigal College CP Levils, Pure As Millio Jackey Bullety Science College 3 In Hardwels Veselue Kilele Gilbarder Kerweit Offest Architecture . Proce of Goldstein and William Prove Mark (Constanting) Stigal Mileshi (Sighal Arch, (Sa Phandoa) Talkage IF Joshfurth etc. It. etc. Resent/College of SerbitechurgPorts An Weights Chaire It light faithtforth (Instrumine) College Of Automatics (AMCA), Fore Diamity (Contervation) Selger Dilege if Ashtana a Rev

M.ARCH DIVISION

M.ARCH DIVISION

#### **B.ARCH.**

### M.ARCH.

### NON-TEACHING STAFF



# **EVALUATION PROCESS AND GRIEVANCE REDRESSAL SYSTEM**

#### **EVALUATION PROCESS**

Mechanism of internal/external assessment is transparent

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

#### **GRIEVANCE REDRESSAL SYSTEM**

CIA -Continuous Internal Assessment: 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 - Semester End Examination: written and Sessional 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

# POs, PSOs

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

# ATTAINMENT OF POS AND COS

Outcome-Based Education (OBE): Direct methods COs

- outcomes of a curse / 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 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

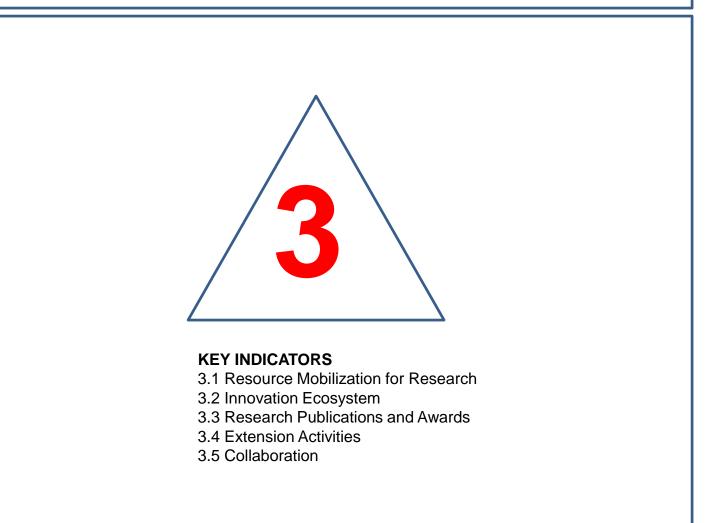
PO Attainment through CO-PO matrix

- 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

#### **CRITERION III: RESEARCH, INNOVATION AND EXTENSION**



# ECOSYSTEM FOR INNOVATIONS, TRANSFER OF KNOWLEDGE

#### Supportive Infrastructure, Facilities, Encouragement For Research And Transfer Of Knowledge

- Faculty
  - Academic Research committee of institute
  - recruit competent and dynamic faculty
  - sponsored to attend FDPs
  - organise conferences, seminars
  - research papers presentation
  - Encourage for pursuing PhD
  - resource person COA-TRC
  - experimenting with teaching methodology
  - thesis guidance sessions by senior faculty for junior faculty
  - TTP discussion sessions
- Students
  - mentored by competent faculty members in carrying out researches, participate in research competitions, such as in *Avishkaar* under SPPU and in MASA inter-college
  - Research works of selected students are edited by faculty & published in institute publication "Shodh-Sankalp'
- Institute
  - 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

# ECOSYSTEM FOR INNOVATIONS, TRANSFER OF KNOWLEDGE

	Internal Academic Research Committee of SCOA 2023-24						
	Faculty	Designation	Position				
1	Dr. Banani Banerjee	Principal	Chairman				
2	Ar. Anuja Inamdar	Professor	Academic Research Coordinator (ARC)				
3	Dr. Priyamvada Chitale	H.O.D, B.Arch.	B. Arch Research Coordinator				
5	Dr. Pranoti Lad	H.O.D, M. Arch. (CA)	M. Arch Research Coordinator				
6	Prof. Priti Dhanwat	Professor	Member				

#### Aim:

To Create opportunities for faculty to be experts and resource persons Objectives:

- to tap internal resources to train junior faculty
- Conferences, seminars
- Research: BCUD, PhD
- VAC
- Electives
- Audit course
- TTPs faculty sponsored to attend with paid leave
- Consultant, expertise
- Collaborations
- Research Funds
- PhD center

#### **Conferences Seminars**

• SPPU sponsored

#### PhD

- SCOA PhD centre under SPPU
- 3 Pursuing (different Universities)

# Publication: Print & Online available in college website

• Shodh-Sankalp – selected research papers of students

## **RESEARCH PAPER PUBLISHED**

Title of paper	Name of the Faculty	Name of journal	publication	
Dapoli - Shashwat Vikasachi Garaj	Dr. Priyamvada Chitale	Shodhnibandh Pustika	Feb-23	ISBN: 978-93- 5780-547-6
Implementation of practiced theories in housing and cluster planning	Ar. Chaitrali Deshpande		May-24	
Implementation of BIM in Architecture Profession	Ar. Manali Chandan, Mr. Shreyash Ingle	International Journal of Management, Technology And Engineering	Dec-24	ISSN NO : 2249- 7455
Opportunities for the profession of Architecture & planning	Ar. Neha Kapse, Er. Manish Pandit	International Journal of Technology Engineering Arts Mathematics Science	Aug-24	ISSN NO : 2583- 1224
Pediatric Hospital- a study with respect to child-friendly parameters	Dr. Priyamvada Chitale, Mr. Gaurav Sawant	International Journal of Management, Technology And Engineering	Dec-23	DOI:16.10089.IJM TE.2023.V13I12.2 3.522412
Adapting softwaresin undergraduate architectural course - A study principals, SKNCOA, Pune.	Dr. Priyamvada Chitale, Mr. Parag Ramdin	Rethinking the Future: Unlearning and Learning	2023	ISBN:978-93- 6128-159-4
Analysis of Biophilia in workplaces, BVDUCOA,Pune	Dr. Priyamvada Chitale, Mr. Yash Sawant	National digital conference on Sustainability in Architecture, Planning and Technology3.0,	Feb-24	
Study of inclusive Design atributes in outdoor play spaces in housing societies	Dr. Priyamvada Chitale, Ms. Nirantari Shinde	5th edition, international students conference Research n Architecture (DYPSOA)	2023	ISBN 978-93- 89934-68-7
Perception of neighbourhood parks- post COVID scenario	Dr. Priyamvada Chitale, Ms. Manaswi Topale	5th edition, international students conference Research n Architecture (DYPSOA)	2023	ISBN 978-93- 89934-68-8
The effect of spatial quality of cafe on custer preference	Dr. Priyamvada Chitale, Ms. Prajakta Surate	5th edition, international students conference Research n Architecture (DYPSOA)	2023	ISBN 978-93- 89934-68-9
The symbiotic association of research with architectural education and architectural practice	Dr. Priyamvada Chitale, Prof. Priti Dhanwat	COA's international conference on Architectural Education in the changing world reviewing and rethinking the Way Forward	Feb-24	
Resilience & sustainability through urban green spaces	Ar. Neha Kapase, Ar. Tejaswini Jhangale	International conference on Critical infrastructure & sustainable development (KDK college of engineering, Nagpur)	Mar-24	e-ISSN-2581-9046
Study of passive design techniques and energy efficiency in traditional architecture Pune	Ar. Indrayani Dasare, Dr. Pranoti Lad	the legacy of traditional architecture	2024	ISBN - 978-81- 957272-7-8

## **WORKSHOPS & LECTURES**

	Lecture/ Workshop 2023-24	Date
1	Edify the Knowledge Base- 2	17-08-2023
2	Guest Lecture by Director of Architecture from Notting Ham University Dr. Yuri Handi	12-09-2023
4	Induction Programme for First Year - Ar. Anil Poduval, Ar. Ankoor Kothari	09-10-2023
5	World Architecture Day Alumni Talk	27-10-2023
7	An Interactive session for final yr B Arch students by Ar.Prassanna Desai	18-01-2024
8	Digital Disruption in Architecture by Ar. Dhanashree Sardeshpande	23-02-2024
9	Guest Lecture by Landscape Architect Ar. Amita Sinha on Landscape in Shantiniketan	06-03-2024
10	Entrepreneurship Development - Ar. Vikas Achalkar, Various Aspects of Architectural Practices	19-03-2024
11	Entrepreneurship Development - Ar. Shebanti Chakraborty, Architectural Journey of setting up an Architectural practice	28-03-2024
13	Paint your Bappa Workshop (Ganapati Idol painting)	13-09-2023
14	Pottery Workshop for First year	



Ar. Vikas Achalkar



Dr. Amita Sinha







Prof. Prasanna Desai

# NSS ACTIVITIES

	Activity	collaborating agency
1	World conservation Day	
2	Heritage Walk in Core Pune City	
3	Photography workshop under Heritage Club SCOA	Studio Gesalt
4	Visit of Heritage structure on World Heritage Day - Shrimant Bhausaheb Rangari Bhavan	Ar. Archana Desmukh
5	Tree Plantation	
6	Meri Mati Mera Desh	
7	Voters ID Registration	
8	Voters ID Registration Camp I	
9	Voters ID Registration Camp II	
10	Ganpati Painting Workshop of eco friendly idol	Pune hand made papers
11	School Wall Painting	Artsee Hope Foundation
12	T-shirt Paintint Competition	
13	Pavilion Design for Niwara old age home	
14	Photographic documentation of character mapping of your cities based on the given elements"	
	Photography depicting support for sustainable ways of celebrating festival in urban	
15	neighbourhood	
16	Pledge and induction program	
17	Communal Harmony Week/Flag Day	
		the ministry of Home
18	National Flag Day - Run for Uity fund Raiser	Affairs
19	Green Club	
20	World sustainable transport day	
21	Voice of Youth	
22	Yoga and Stress Management	
23	Health Awareness Program for women	
24	Women safety	
25	Cleanliness Drive Campus	
26	Cleanliness Drive Narhe Village	
27	Workshop Participation- River Conservation and Cleanliness	
28	Lecture/Interaction with Primary school students	
29	Donation of Sweets for Diwali to needy village children	NGO Samindra
30	Blood Donation	

### **NSS ACTIVITIES**



NSS Village camp at Bhivri 14th to 20th January 2024



Mental Health awareness for girl students



Yoga & meditation session for girl students

Blood Donation camp at SCOA 6.3.24



Blood Donation camp Rally by students at STES Vadgaon campus 6.3.24

#### **SCOA WORKSHOPS**



Paint your Bappa workshop.: 13th September, 2023



Construction workshop: 13th & 14th October 2023 at Lawn Parking, Vadgaon Campus. Seating benches: brick masonry hands-on workshop for First & Second Year students under the guidance of BCM faculty and trained masons



T-shirt Painting Competition, themed "Style It In Your Way." was part of our orientation week for first-year students - showcasing through a captivating ramp walk, followed by explaining their designs to esteemed guests and judges.



Pottery workshop for FY B.Arch. students.: 29th November, 2023

### **SCOA EVENTS & PARTICIPATION**



Visit at Pune-Okayama Friendship Garden, Pune: to introduce and educate first-year students on the concept of sensory gardens on 12th December 2023



SCOA participated in exhibition of students' works at Chitraalap Exhibition at  $PCMC - 2^{nd}$  to  $4^{th}$  February 2024

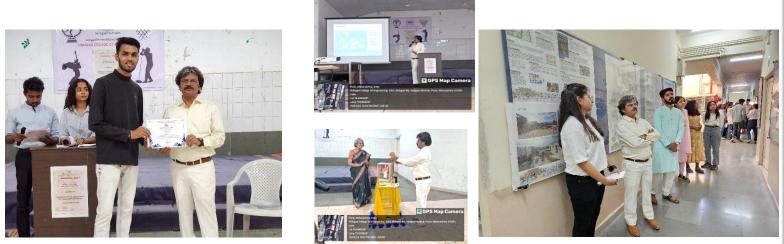
#### **Celebration of Independence day**



NAAC Cycle 2 visit 11th & 12th June 2024 (valid till 21.5.29)



# **SCOA EVENTS**



Inauguration of annual Exhibition, Annual Prize Distribution by Ar. Paras Netragaokar 10.4.24



Induction Program of FY B.Arch.: 9th October, 2024 Chief guests: Alumni: Ar. Ankoor Kothari & Ar. Anil Poduval



Farewell of Final year students 5.4.24

### **SCOA ACTIVITIES**

### Heritage Club Activities



**Heritage Week celebration:** Visit to Shreemant Bhausaheb Rangari bhavan, Pune guided by eminent conservation architect Ar. Archana Deshmukh on 24th November 2023



**World Heritage Day**: Visit to heritage building of St. Crispin's Church on 18th April 2024 with eminent conservation architect Ar. Archana Deshmukh







### Nirbhaya Kanya Yojana

SPPU sponsored under Nirbhaya kanya Yojana, empowerment of girl students organized on 8th and 9th February 2023

PSI Asmita Lad interacted female students, faculty and staff

Ms. Urja Bhave team on Yoga and stress management

Ms. Manasi Kshirsagar on relationships

# SCOA EVENTS & ACTIVITIES: VARIOUS DAYS



Pune India 2, Shingadi Instante Bid, Ambergeon BK, Pune, Mohror Stative Alton, India 2, Shingadi Instante Bid, Ambergeon BK, Pune, Mohror Stative Alton, India Letitude 19, 2023 553 m Letitud

International Yoga Day under the guidance yoga teachers

National Reading Day at SCOA central Library: 19th June 2023



World Architecture Day: organized Alumni Talk on 27th October 2023 for students and faculty



World Nature Conservation Day: Photography competition on 28st July 2023



National Sports Day: organized various indoor games on 29th August 2023



Marathi Bhasha Savardhan Pandharavada -Marathi crossword competition 25th January 2024

# **SCOA EVENTS & PARTICIPATION**



Workshop on National Education Policy 2020 on  $7^{th}$  and  $8^{th}$  February 2024 under SPPU



**Voter ID Registration Drive:** organized Voters Registration Drive under Election Commissioner office instructions, for New Voters on 14th September 2023. A Total 90 students registered as new voters



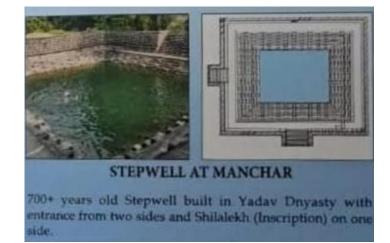
Donation to Samindra NGO



Tree Plantation of medicinal plants on 14th August 2023

# **ACTIVITIES CONDUCTED UNDER MOU/COLLABORATIONS**

	Collaboration in 2023-24 with Architectural Offices		M0Us	activities under MOU 2023-24	
1		1		Presentation by Gestalt design studio	
1	the love triangle		Gestalt Design Studio	Visit to COEP	
2	WOW			Photography workshop under heritage cell	
3	M+P Architects Collaborative				
4	Maharashtra Step Wells		Samindra Multipurpose	Sweets Donation to the poor children	
5	PPBA	4	Social Rural Organisation, Pune	Stationery donation for needy village children	
6	Volume 8 Studios		•		
7	Atelier Design Consultants Pvt. Ltd.	5	Fourshlag Overseas Services	Lecture by Raghvan Koli	
8	ARC ATELIER, PUNE			Participated in B. G. Shirke Vidyarthi Awards	
9	Ajay Kale Architects	8	PCERF	2023-24	



Collaboration with Maharashtra step well campaign, students of B.Arch. & faculty of M.Arch. (Architectural conservation) documented step well at Manchar, Maharashtra. GPO, Mumbai published 8 postcards of 8 step wells including Manchar on 10.10.23

# EXTENSION ACTIVITIES IN THE NEIGHBORHOOD COMMUNITY

#### Various extension activities

- 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

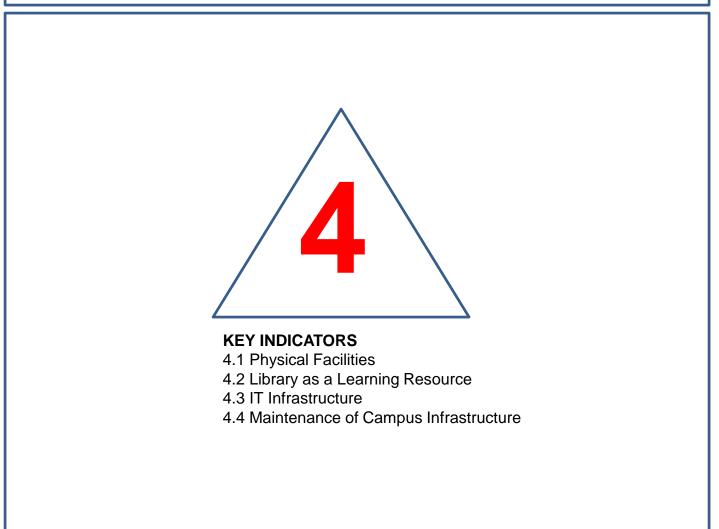
### **Campus & Neighbouring community**

- 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

### SCOA received certificates and appreciation for

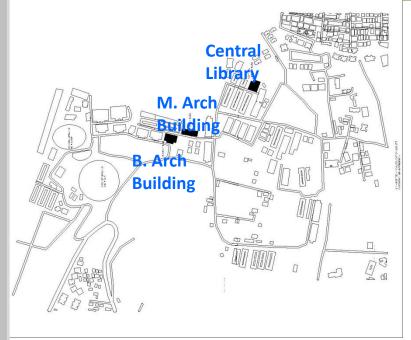
- organizing the blood donation camp from Navale hospital
- Donation of goods for rural communities from the NGO Samindra
- Beach Cleaning Drive of Dive Agar, Kokan by first-year students during study tour acknowledged by local media and Gram Panchayat
- Painting of school for Autistic children by school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

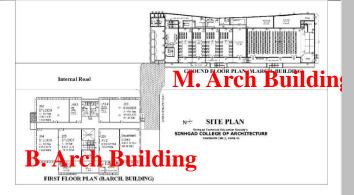
### **CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCE**



## 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 Hostels, Mess, Staff Quarters Banks, Post Office, Police station, Clinic, food joints 24hrs Security system

# SCOA INFRASTRUCTURE

Adequate physical infrastructure as per COA

- 1. formal teaching-learning areas
- Studios wi-fi enabled with sockets for laptop connections, workstations and large pin-up boards for conducting design juries periodically
- classrooms are equipped with LCD and screens
- Assembly halls and large multipurpose hall to accommodate large number of students for special lectures and seminars and enabled with wi-fi, amplifiers, speakers, etc.
- 2. supportive spaces for teaching learning
- department library, computer labs
- material museum, construction yard, various laboratories as model-making lab, surveying lab, environmental lab,
- permanent exhibition gallery along passages
- NASA room, separate common rooms for girls and boy
- Central library
- 3. faculty, admin areas
- Cubicles for faculty, cabins for principal and HODs,
- administrative spaces, examination room, store room etc.

	SCOA: AREA STATEMENT 2023-24					
	SPACES	/ 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 (excl SCOA area)					
9	Multipurpose Hall					
10	Admin Area As per COA norms					
11	Faculty Area					
12	Common Rooms					
13	Nasa Room					
14	Display Area					
15	Construction Yard					
	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			

# ICT TOOLS FOR LEARNER CENTRIC PEDAGOGY

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

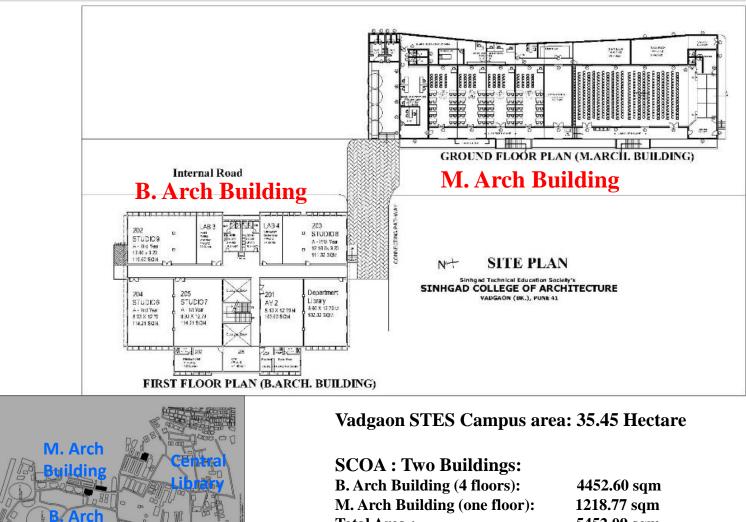
- using modern and advanced software, mandatory requirement for employment, professional practices and higher studies
- building confidence to present and explain in front of a jury panel

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
- Digital scanning, printing
- During pandemic period, ICT platforms and tools were widely used, for creating e-content of learning, online innovative teaching methods using google meet and Microsoft Teams for teaching learning and google sheet for keeping records and making reports. Whatsapp and emails are used for circulating notices and information quickly and efficiently.

		Preference for	ICT tools
Stage 1	pedagogy - Experiential learning	<ul> <li>lectures with visual aids</li> <li>hands-on experiential learning</li> <li>Real life experience</li> <li>discussion with Theories and facts</li> <li>field experience: case studies, site-visits, study-tours ; varied types of testing simulations</li> </ul>	<ul> <li>Academic demonstration</li> <li>CAD - 2D &amp; 3D drawings, Walkthrough</li> <li>3D printer, Laser cutting for physical models</li> <li>AV modes- PPT, video, films, audio</li> <li>1. Teaching- construction, historic buildings and places</li> <li>reviews by jurors and viva</li> <li>1. Presentation in front of entire class</li> </ul>
Stage 2	<ul> <li>Andragogy-</li> <li>problem- based learning</li> <li>Participative learning</li> </ul>	<ul> <li>Inter-disciplinary issues</li> <li>group and collaborative work</li> </ul>	<ul> <li>group works, study tour presentation competition</li> <li>collaborate - exchange skills to experiment in digital media</li> <li>Individual - problem-solving skills in architectural design and research</li> </ul>
SCOA ANNUAL REPORT 2023-24			

46

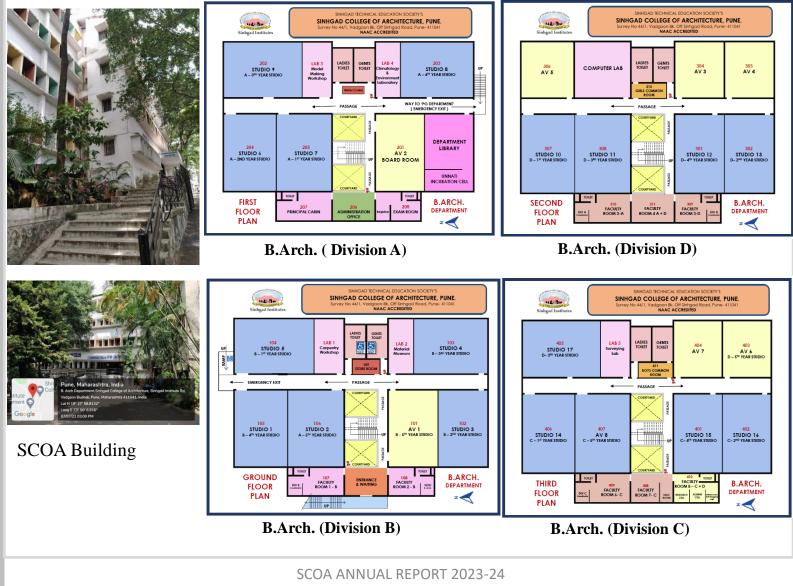


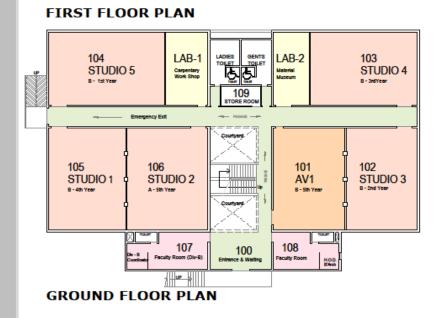
B. Arch Building (4 floors):4452.60 sqmM. Arch Building (one floor):1218.77 sqmTotal Area :5452.09 sqmExclusive area in Central Library:442.80 sqmGRAND TOTAL:6114.17 sqm

00

Building









**Prof. Kavita Patil** (B Division Coordinator)

B.Arch. Building Ground Floor: Division B (Built-up area: 1113.40 sqm.) Main & Side Entrances with Ramp Studios: 5 nos. Assembly / Av Room Carpentry Workshop Material Museum Faculty Rooms with attached Toilets For Division B Toilets for Girls & Boys



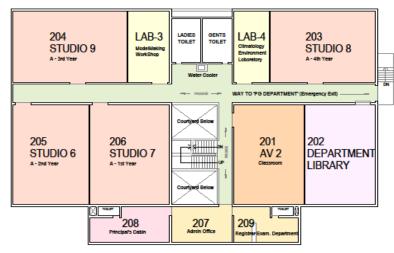
**Material Museum** 



Carpentry Workshop



Side entrance with Ramp



#### FIRST FLOOR PLAN



**Principal's cabin** 



Administration



Prof. Kalpana Hadap (A Division Coordinator)

### **B.Arch. Building First Floor: Division A**

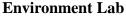
(Built-up area: 1113.40 sqm.)

- Side Direct Entrance From Road (Sloping Site) **Connect To M.Arch. Building Behind**
- Studios: 4 Nos. ٠
- Assembly /Av Room •
- **Model-making Lab** ٠
- **Environmental Lab** •
- **Departmental Library** .
- **Principal's Cabin**
- Admin Office With Attached Toilet
- **Exam Department**
- **Toilets for Girls & Boys**



**Assembly Hall** 







Departmental Library Model making lab





**Exam department** 



#### 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.)

- 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)** 

**Girls Common Room** 



### THIRD FLOOR PLAN





Studio



**Prof. Priti Dhanwat** (C Division Coordinator)

### B.Arch. Building Third Floor: Division C

(Built-up area: 1113.40 sqm.)

- 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



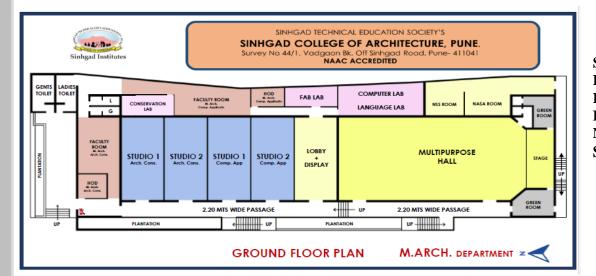
Surveying and Levelling lab



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



**Ar. Ankoor Patil** HOD, M.Arch. (Computer Applications)



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



Entrance



Studios (4 nos)

Exhibition Room



# **CAMPUS FACILITIES**



Dental Hospital



**Executive Mess** 



Post Office



PMT Bus Stop



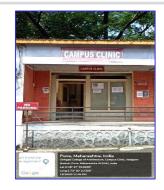
Ambulance Facility



#### Canteen



ATM



Campus Clinic



Shopping Complex

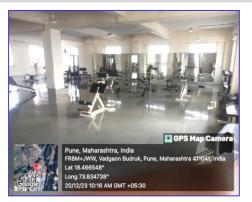


Parking

### cultural and sports facilities, hostels, quarters



Cultural Centre



Gymnasium



Girls Hostel



Boys Hostel



**Tennis Court** 

Amphitheatre Capacity-1500



Swimming Pool



Cricket Ground



### **Staff Quarters**

**Campus facilities** 

- hostels for girls and boys (Boys -4500, Girls - 2298)
- staff quarters of all types
- Amphitheatre, seminar hall
- indoor games and gymnasium,
- outdoor sports as cricket ground, badminton & tennis court, athletic track, swimming pool, etc.

### **INTEGRATED LIBRARY MANAGEMENT SYSTEM (ILMS), E-RESOURCE**

### Department library

• open on all institute working days

Central Library with SCOA Section

- open in all days of year
- Wi-Fi enabled reading hall

Integrated library management system (ILMS)

• KOHA

e-resource

• shared access to e-resources with other institute of STES like K-Hub, DELNET, Springer, NLIST etc.

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

All users (student & faculty) can avail

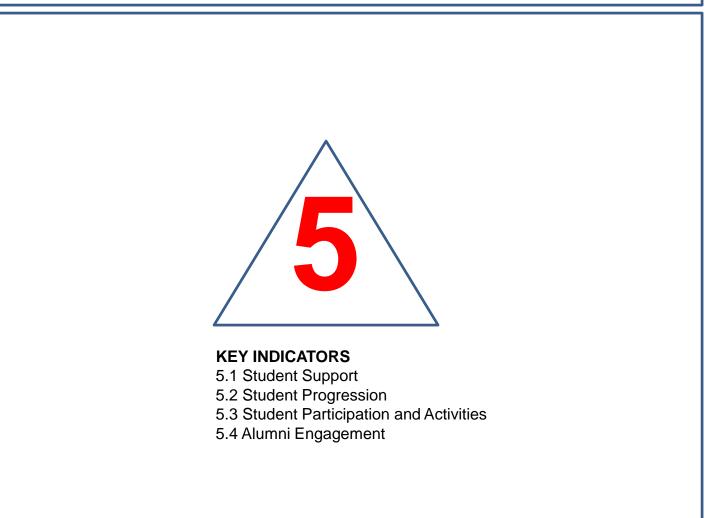
- books, journals, reports, newspapers, etc.
- borrow books from eight more libraries of STES in the campus
- Institute membership of few external libraries such as Jayakar library of SPPU, British Council Digital Library, Maratha Chamber of Commerce library
- NDLI membership
- Anti-Plagiarism software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

guidance of c	competent libi	rarian	As /COA	@SCOA	
Central Library (6,870 sqm area) 24 / 7 open (Reading) SCOA Section: Area		Books	3990	7720	
		Titles	1910	6553	
		Journal (Indian)	16	16	
	302.4 sqm	Journal (Foreign)	4	4	
Stack:	104.4 sqm	E-books	2337		
Total: 442. 8 sqm.		E-Journals	682		
		Online videos	2697		
		NDLI Club Institutional Membership			

### **CRITERION V: STUDENT SUPPORT AND PROGRESSION**



### STUDENT PARTICIPATION IN CULTURAL EVENTS AT CAMPUS









Sinhgad Spring Festival 2024: 13th to 16th February 2024

- At Vadgaon-Ambegaon campus
- Campus decoration by SCOA



Graffiti competition

- SCOA team of students won
- Students from SCOE, SKNCOA participated

### STUDENTS' ACHIEVEMENTS IN CULTURAL EVENTS AT CAMPUS



Sinhgad Spring Festival 2024: Cultural competitions

• SCOA Winner of Ms. Sinhgad

activities	No of activities participated	No of awards
Sports	27	5
Cultural activities	6	1



### STUDENTS' ACHIEVEMENTS IN SPORTS



**Neons 2024: STES competition: Cricket** girls team winner of the tournament



**Shear Force sports event:** Volley ball tournament: Girls team winner and best player





**Shear Force sports event:** Volley ball tournament: Boys team Runner-up and best player

# **ALUMNI INVOLVEMENT**

Alumni Association established in 2004, Registered in 2018

### contributions of the alumni :

speaker & Jury member:

- Presentation of their work and experiences in profession
- 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 Alumni Meet:
- · to reconnect the Alma mater, faculty, old friends and to share professional/ academic works

Alumni	Events
Ar. Ankur Kothari & Ar. Anil Poduval	First Year Orientation
Ar. Piyush Chorbele	World Architecture Day celebration
Ar. Shreeamey Phadnis	Professional journey of Studio Gestalt
Ar. Sanket Veerkar & Ar. Himanshu Subandh	Second year Design jury
Ar. Prathamesh Takale	Third year Design jury
Ar. Shreeamey Phadnis	Heritage Club and Studio Gestalt Site visit to COEP

### **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)

# **INSTITUTIONAL GOVERNANCE**

### Strategy

- Transparent culture
- Long-term Strategy: as per vision & mission
- Short-term strategy: each term / year goal for quality enhancement

### Hierarchical System of Internal committees

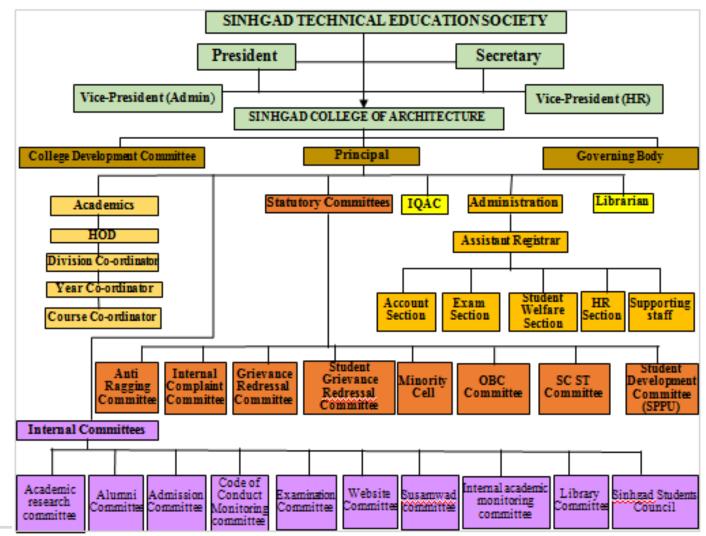
- 1. Principal
- 2. Head of Department
- 3. Division Coordinator
- 4. Senior faculty
- 5. Junior faculty
- 6. Students (in 3 level student committees)

Management Committees	Internal Committees				
	Mandatory Committees				
Management, Principal,	Principal, Faculty, Staff &	Principal, Faculty, Staff	Principal, Faculty,		
senior Faculty, Staff	Students		Students		
<ul> <li>Governing Body</li> <li>College Development Committee (CDC)</li> <li>IQAC</li> <li>Sub-Committees:</li> <li>Finance Committee</li> <li>Purchase Equipment Committee</li> <li>Staff Selection Committee</li> <li>Building Committee</li> </ul>	<ul> <li>Grievance committee for Women</li> <li>Internal Complaint Committee</li> <li>SC/ ST Committee</li> <li>OBC Committee</li> <li>Minority Committee</li> <li>Anti-Ragging Committee</li> </ul>	<ul> <li>Internal academic monitoring committee</li> <li>Admission committee</li> <li>Examination Committee</li> <li>Website Committee</li> <li>Academic Research Committee</li> <li>Library Committee</li> </ul>	<ul> <li>SPPU level: Students Development Committee</li> <li>STES campus level: Sinhgad Students' Council</li> <li>Institute level:         <ul> <li>Susamvad</li> <li>CR-LR Committee</li> </ul> </li> </ul>		

### ORGANOGRAM

### SINHGAD COLLEGE OF ARCHITECTURE

#### Institutional Governance ORGANOGRAM



# **CORE VALUES**

#### **Core values**

Inculcating value system among students in life holds great importance from the point of personal, professional and social development. The institute is imbibing values and ethics in process of holistic development of students in becoming sensible and responsible architects in the society:

- 1. Integrity: Practice of being honest and adherence to moral principles and values is manifested in consistent and uncompromising ethical and transparent system of teaching, learning and extra-curricular activities.
- 2. Respect and sensibility: Positive and sensitive approach towards people, environment and works is regarded as valuable quality and encouraged to students throughout the programs.
- **3. Excellence:** Striving for excellence is an important part of becoming competent in the profession, which is achieved by planned system and accomplished faculty.
- **4. Teamwork:** Collaborative effort towards a common goal is important part in architectural education.
- 5. **Responsibility:** Contribution to society and for national development is the ultimate goal, for which students and teachers are facilitated and inspired to achieve through awareness and continuous improvement in the field of research.

# **STRATEGIES OF DEVEOLOPMENT**

Swami Vivekananda believed education is the process and power for manifestation of perfection already exists in human. We at Sinhgad College of Architecture (SCOA) do consider that education system should not be mere collection of information, rather needs to be human-making and character building mechanism 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. In accordance with the vision of the institute of 'crafting of sensible & responsible architects for the society', core values, and the missions, the institute has prepared in long-term and short-term goals. The long-term goals are framed with policies and strategies setting benchmarks and towards making of multidisciplinary knowledge hub as recommended for single institute in the National Education Policy 2020. The short-term goals are framed for progressive achievement of long-term goals with improvements and corrections.

### Long-Term goals

- 1. Conducive Academic Environment
- 2. Academic Excellence
- 3. Outcome Based Education (OBE)
- 4. Holistic Development of the students
- 5. Ethics and Values
- 6. Social Responsibility
- 7. Decentralized Governance system

### **Short-Term goals**

- Systematic Curriculum Implementation
- Academic excellence with accordance to OBE
- Pedagogy: Experiential, experimental, participative learning: site visits, workshops, lectures of experts
- Continuous Evaluation System
- Quality enhancement mechanism
- Value added courses
- Co and Extra-curricular activities
- Publications
- Exhibition of students works
- Research initiatives

# INTERNAL QUALITY ASSURANCE CELL (IQAC)

Internal Quality Assurance Systems

- Primary objective: To improve quality of academic and administrative performance
- Functions: Development and application of quality benchmarks
- Strategy: efficient and progressive performance of academic, administrative tasks, Adequacy of maintenance and functioning of support structure
- Benefits
  - facilitate quality culture
  - · enhancement and integration of various activities and good practices
  - To act as change agent in the Institution

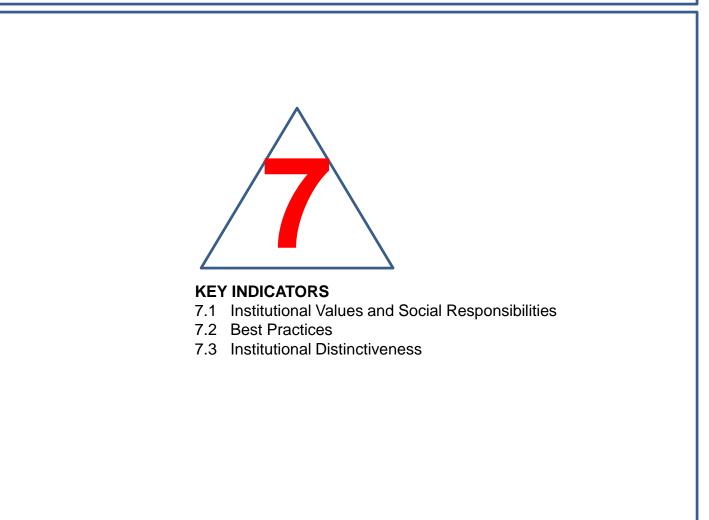
### **IQAC** Contributions

- Internal Academic Monitoring Committee (IAMC):
  - reviews progressive enhancement of treaching learning process
  - Learning outcomes at periodic intervals
  - Enriching curriculum
  - Documentation of incremental improvement
- Research and training
  - Publications
  - Conferences, Seminars
  - FDPs & TTPs
- MOUs and Collaborations
- Documentation of incremental improvements
- Feedback from stakeholders- students, faculty, alumni, employees
  - Actions, benefit
- · Best Practices: periodic enhancement and benefit assessment
  - Exhibitions of best academic and creative works
  - Study tour presentation, competition & publication

Quality assurance initiatives

- Academic and Administrative Audit (AAA) & follow up action
- IQAC and IAMC meetings regularly and follow up

### **CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT**



# FACILITIES IN THE INSTITUTION & CAMPUS

### Promotion of gender equity

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

#### 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

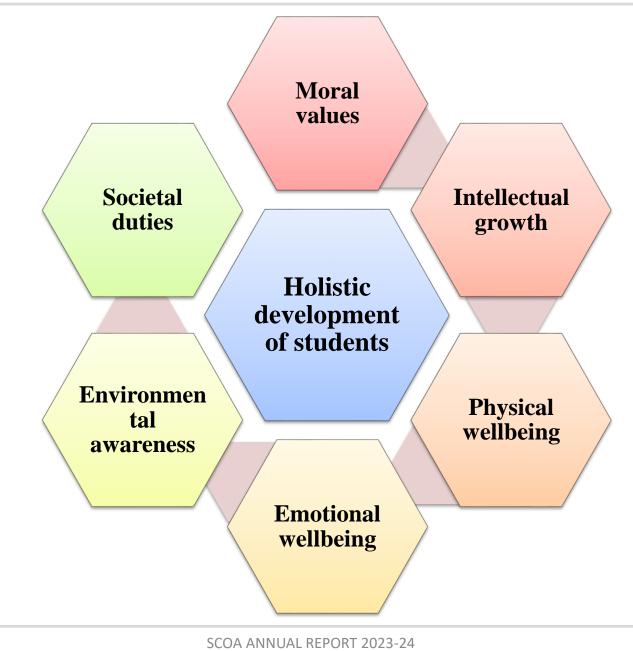
#### Green campus initiatives

- 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

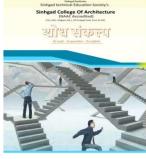
# INSTITUTIONAL DISTINCTIVENESS



# INSTITUTIONAL DISTINCTIVENESS



VAC Poster



--

Shodh Sankalp



Competition panel



Indoor sports



Lecture on women's health



Oath ceremony



Susamwad team with faculty

Holistic development of students

- Intellectual growth
- Physical wellbeing
- Emotional wellbeing
- Environmental awareness
- Societal duties
- Moral values

# **BEST PRACTICE 1**

# Practice 1: Exploration of tangible and intangible components: Architecture and beyond : Architectural Study Tour

Intangible aspects likeTangible components of architecturebehavior, culturallike site context, spatial forms, and attributesOf the people and place.attributes	Places selected progressively from smaller settlements in first year to high-order urban areas in the fourth year.	Competition of the documentation work done by the students on site	Working in the place for social cause, interaction with the local people	Meeting eminent architect's from the city / place of tour.
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------	--------------------------------------------------------------------------------------	---------------------------------------------------------------------

1st yr: Settlement village 2nd yr. Rural settlement 3rd yr : Semi urban area 4th yr : Urban area

# **INCREMENTAL ENHANCEMENT:** to ensure all students get involved & benefitted

- Exposure to study places from various geographical areas
- To study tangible architectural details and related intangible socio-cultural aspects
- linked with Architectural Design Projects as per curriculum requirements
- Interaction with eminent architects & architectural institutes of the places
- Documentation & publish of intensive works of students
- Competitions of presentation & awarded with a Trophy for the winner team
- Involving alumni as juror for the competition along with guest architects
- Extension activities during study tour and contributing to the local people
- Virtual study tour during pandemic
- Evidence of success: Reports & AD projects

#### Evidence of success

- elevated quantitatively and qualitatively outcome in presentations and in reports
- All students in class participate in presentation, report making & AD projects

# **BEST PRACTICE 1**

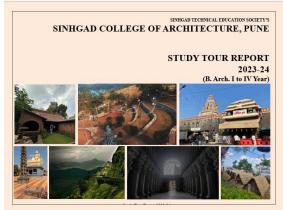


Study tour presentation & competition





Extension activities during study tour



Study tour report Publication

# **BEST PRACTICE 2**

# Practice 2: Exposition of all round development of student : Annual Exhibition

Permanent gallery- exhibit the best academic and creative work of students every year	-	Photography competition	Chief guest inaugurate event & judge the panels	Organised by susamvad team
------------------------------------------------------------------------------------------------	---	-------------------------	-------------------------------------------------------	-------------------------------

# • INCREMENTAL ENHANCEMENT: to ensure all students get involved & benefitted

- Display of the best academic work of students in permanent gallery
- To showcase works to visitors, parents, aspirant candidates
- Theme panels: murals prepared by each year based on a theme
- Competition for the best theme panel is organised and winner is awarded
- Photography competition organised
- Chief guest inaugurate event & judge the panels
- Event is organised by susamvad team
- Virtual exhibition during pandemic uploaded in website

### **EVIDENCE OF SUCCESS**

- Motivates students to excel and to get opportunity to showcase their individual best work
- Competitions help to elevate standard of works
- Parents, visitors, aspirant candidates visit exhibition
- Students take pride in mentioning their contribution for the exhibition in their LOR

# **BEST PRACTICE 2**

### Theme Panels for competition









Permanent panels in gallery





Susamwad team of faculty & students

# **INCLUSIVE ENVIRONMENT**









Festivals: Ganapati Puja, Navaratri Puja and Dandiya



Cultural & other events: inclusive





# 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.

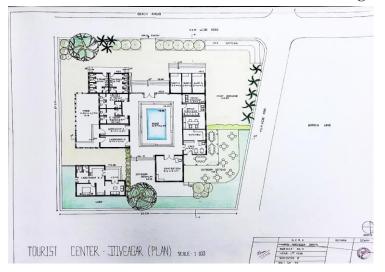
I shall conduct myself in a manner, which is not derogatory to my character, neither likely to lessen the confidence of

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

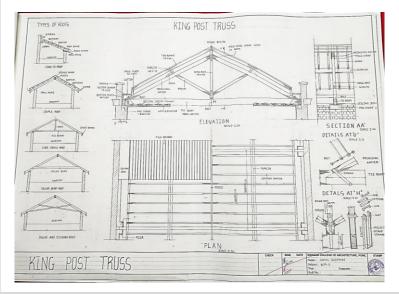
# GLIMPSES OF STUDENTS ACADEMIC WORKS 2023-24

First Year AD I

Tourist Centre Diveagar- Samiksha Gunjal



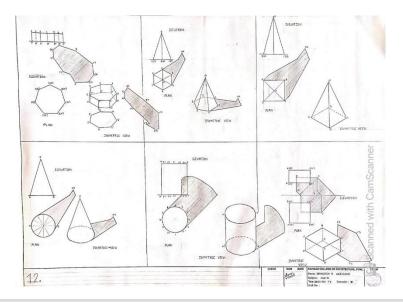
First Year BCM II Rahul Bhamare





First Year AGD II

**Devashish Wadichar** 



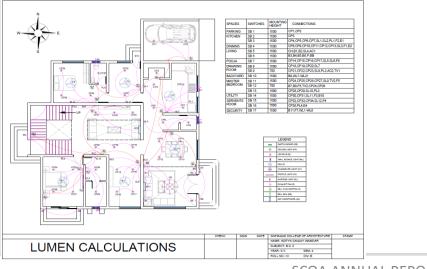
# **SECOND YEAR B.ARCH. ACADEMIC WORKS**

Second Year AD III

Tourist Facilitation Center, Mitaoli - Yashashree Gawali

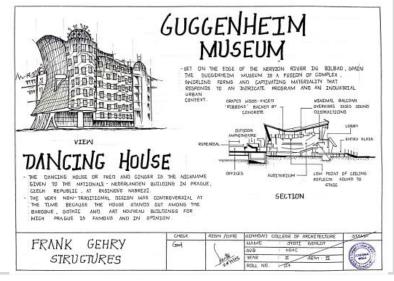


Second Year BS-II Aditya Inamdar



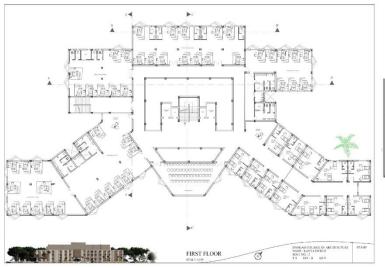
Second Year HoAC IV Jyoti

Jyoti Gehlot



# THIRD YEAR B.ARCH. ACADEMIC WORKS

Orthopaedic hospital and recovery centre -Kavya D'Cruz

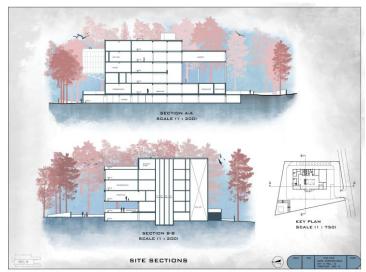


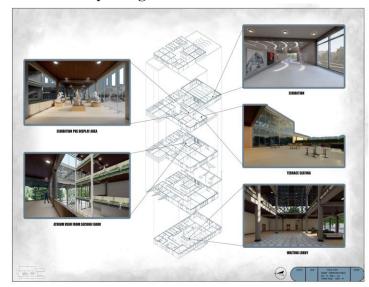


Third Year AD V

Third Year AD V

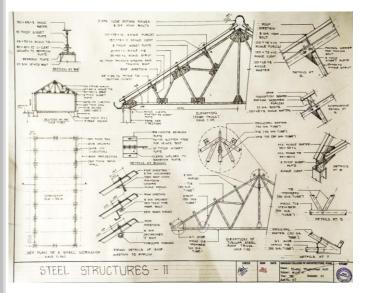
Neoteric convention center – Shreyas Ingle





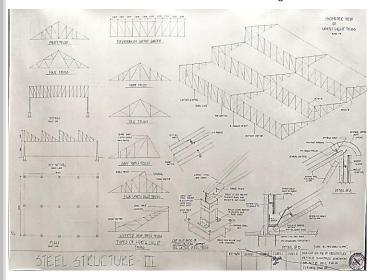
# THIRD YEAR B.ARCH. ACADEMIC WORKS

Third Year BCM VI Shritej Koli



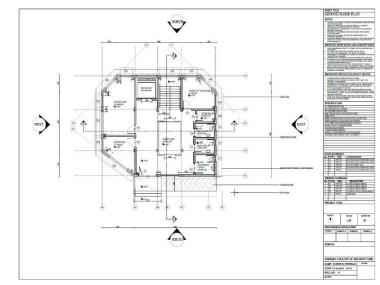
### Third Year BCM VI

### Shantanu Parjane



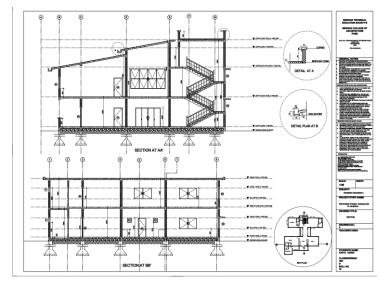
Third Year Working Drawing II

### Sameer Shirsikar



Third Year Working Drawing II

### Kavya D'Cruz



### Fourth Year AD VII

**Zoning And Concept** 

11

.

**Police Headquarters, Gwalior** Exposed Red sandstone Sem VIII Easy to Maintenance Location : Gwalior, Madhya Pradesh Resistance of UV Radiation Area : 15200 sq.m No change In colour Duration 16 week Resistance to Fire and Heat Resistance to Damp and Whether In clemencies Red Sand Stone 13 Exposed Concrete nprove Traction Higher Durable More Cost Effective Low Maintenance **Highly Customizable** Designed only to keep the weather out and people In Curtain wall face carries no structural load beyond its own **Conceptual Sketch** Ϋ́ dead load weight 14 14 3 < nonmon 11 44 PUCKET LAW ALCON. 11000 20 M WIDE MELA ROAD MI L 000 .00 42

### Fourth Year AD VII





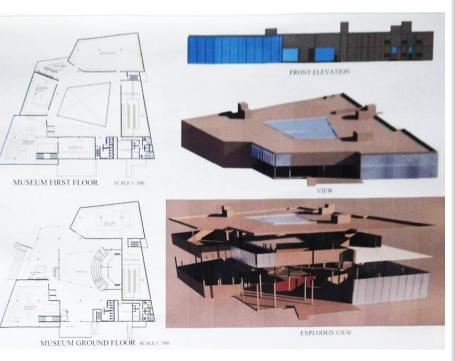
Museum, Indore – Tanya Jain



### Fourth Year AD VII

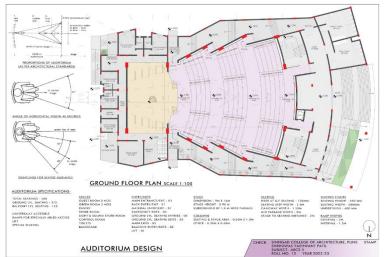
# <complex-block>

# Experience Center, Chandigarh – Pranav Shivade

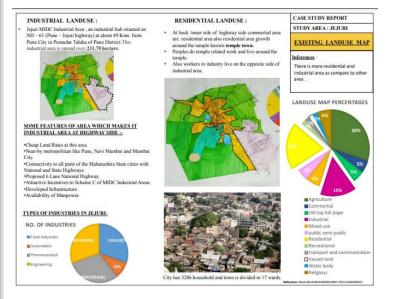


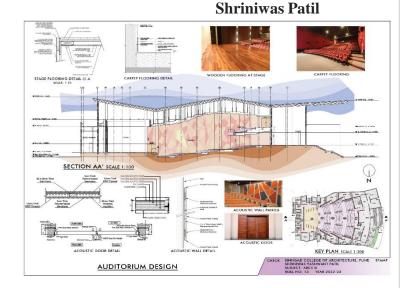


### Fourth Year ABCS



### Fourth Year US II





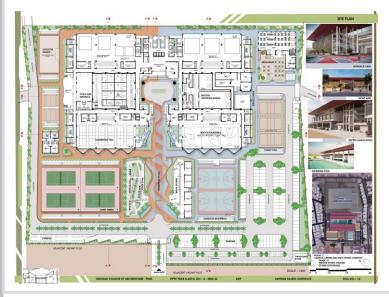
Fourth Year US II



### **ADP Final Year**



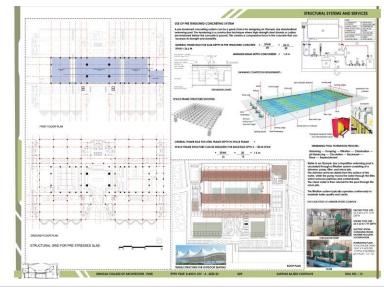
### **ADP Final Year**



### National War Museum- Ninad Deshmukh



### Multi Sports Complex at Ahmedabad- Sarthak Chothave



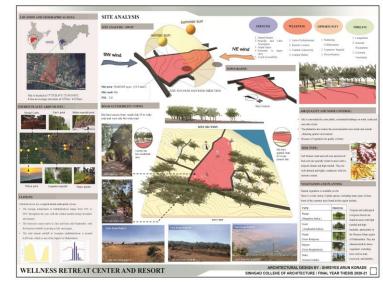
### **ADP Final Year**



### **ADP Final Year**



### Wellness Retreat Center and Resort-Shreyas Korade



### National Maritime Heritage Center – Sudhanshu Mate



# SCOA FAMILY 2022-23

# **SCOA FAMILY : B.ARCH. FIRST & SECOND YEAR**



FIRST YEAR - A DIVISION



SECOND YEAR -A DIVISION



SECOND YEAR – C DIVISION



SECOND YEAR - B DIVISION



SECOND YEAR -D DIVISION

## **SCOA FAMILY - B.ARCH. - THIRD YEAR**



THIRD YEAR - A DIVISION



THIRD YEAR – C DIVISION



THIRD YEAR - B DIVISION



THIRD YEAR- D DIVISION

# **SCOA FAMILY - B.ARCH. - FOURTH YEAR**



FOURTH YEAR – A DIVISION



### FOURTH YEAR -C DIVISION



FOURTH YEAR - B DIVISION



FOURTH YEAR – D DIVISION

# **SCOA FAMILY - B.ARCH. FIFTH YEAR**



FINAL YEAR – A DIVISION



FINAL YEAR C DIVISION



FINAL YEAR - B DIVISION



FINAL YEAR – D DIVISION

# **SCOA FAMILY - M.ARCH.**



ARCHITECTURAL CONSERVATION

COMPUTER APPLICATIONS

# **SCOA FAMILY**



SINHGAD COLLEGE O ARCHITECTURE

FACULTY

NON TEACHING STAFF

# **SCOA FAMILY**



SUSAMVAD TEAM

LIBRARY STAFF

### Education is the manifestation of perfection already exists in human

Swami Vivekananda





### SOCIAL MEDIA LINKS

B. Arch. Instagram: scoa_official <u>https://instagram.com/scoa_official?igshid=gtylhbng4tvr</u> Facebook: Sinhgad College of Architecture, Pune <u>https://m.facebook.com/scoaofficial0/</u>

### SINHGAD COLLEGE OF ARCHITECTURE

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

M. Arch. Architectural Conservation: Instagram: <u>https://www.instagram.com/m.arch_conservation_scoa/?hl=en</u>

 Facebook:
 https://www.facebook.com/MArch-Architectural-Conservation 

 SCOA-Pune-226928202070470/

44/1 Vadgaon (Bk.) Pune 411041 Ph: 020-24100000/ext.-341,347 Ph: 020 24351439 Email id: scoa@sinhgad.edu Website: www.sinhgad.edu