



# SINHGAD COLLEGE OF ARCHITECTURE

(Affiliated to University of Pune & Approved by AICTE & COA) (ID No. PU/PN/Engg./151/2000)

S.No. 44/1, Vadgaon (Bk), Off Sinhgad Road, Pune 411041

ACCREDITED BY NAAC

Tel.: 020 24100000 / Ext. – 341, 347 Website: www.sinhgad.edu

Tel./Fax: 020 24351439 E-mail: scoa@sinhgad.edu

**Prof. M. N. Navale**  
M. E. (Elect.), MIE., MBA  
Founder President

**Dr. Mrs. Sunanda M.Navale**  
B.A., M.P.M., Ph.D.  
Founder Secretary

**Dr. Banani Banerjee**  
B. Arch. M.C.P., Ph.D.,  
Principal

SCOA/2022-23/ 156A

Date: 25.07.2022

### Minutes of IQAC meeting

The minutes of IQAC meeting held on 22.07.2022 at 02.00 pm at assembly hall of SCOA on Actions taken and plan of actions on minutes of last IQAC meeting on 21.01.22

Compilation of 2021-22 and Planning for 2022-23 were discussed criterion wise as per the revised AQAR.

### Criterion I: Curricular aspects (Compilation of 2021-22)

**1.1.1 The Institution ensures effective curriculum delivery through a well-planned and documented process:** SCOA has a well-planned Hierarchical approach in the academic system. The system contents a Five-tier system of implementation – principal, HOD & DC (Division coordinator), YC (Year coordinator), SC (Student coordinator). Planning of Academic delivery strategy in each class and each semester is carried out before the commencement of the semester. It is guided by academic calendar with co & extra-curricular activities before semester commencement (SPPU & SCOA). SCOA adopts a Systematic teaching-learning supported by Subject wise Session Plans, Lesson - teaching & Submission Schedules. Site visit, workshops, guest lecture are arranged with systematic process.

**1.1.2. adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE):** Academic calendar of each semester for 16 weeks for each class prepared before the commencement of the semester. Progressive Monitoring system in form of Quarter review after every 4 weeks helps in monitoring the following:

- Teaching -compliance of syllabus
- assignments and Evaluation as per session plan of each subject
- review of attendance and academic performances
- Mid-sem and End sem evaluation

### 1.1.3. Teachers participate in following activities related to curriculum development and assessment of the affiliating University during the year:

Year	Name of teacher participated	Name of the body in which full time teacher participated
Member of SPPU-BOS in Architecture		
Since 2016	Dr. Vaishali Latkar, HOD, M. Arch. (Architectural Conservation)	Member of BOS in Architecture
Member of subject wise SPPU syllabus committee (2019 pattern)		
2021-2022	Dr. Priyamvada Chitale, HOD, B.Arch.	SPPU Syllabus for : Building Technology & Materials _ All years
2021-2022	Prof. Kalpana Hadap, Division Coordinator, B.Arch. Div A	SPPU Syllabus for : Architectural Design & Principles of Architecture
2021-2022	Prof. Priti Dhanwat, Division Coordinator, B.Arch. Div C	SPPU Syllabus for : History of Architecture
2021-2022	Prof. Priti Dhanwat, Division Coordinator, B.Arch. Div C	PT - Subject Chairman
2021-2022	Er. Dakshayani Shete, Associate Professor	SPPU Syllabus for : Building Technology & Materials and Theory of Structure

SCOA hosted SPPU e-content syllabus meeting ( III year B Arch-2019 pattern)- Online		
2021-2022	Dr. Priyamvada Chitale Team – Ar. Sarika T, Ar. Ankoor S.	SPPU Syllabus for : Building Construction & Materials- V and VI
SCOA faculty attending syllabus meeting e-content of SPPU		
2021-2022	Dakshayani Shete	SPPU Syllabus for : TOS V & TOS VI
2021-2022	Ar. Tejas Joshi	SPPU Syllabus for : WD I & WD II
2021-2022	Ar. Trishna Mahadkar	SPPU Syllabus for : LA 1
2021-2022	Ar. Tejaswini Jangle	SPPU Syllabus for : LA 1
2021-2022	Ar. Ankoor Sakhare	SPPU Syllabus for : BCM V & BCM VI
2021-2022	Ar. Kavita Patil	SPPU Syllabus for : BS III & BS IV, SPW I & SPW II
2021-2022	Ar. Indrayani Paresh Dasare	SPPU Syllabus for : WD I & WD II
2021-2022	Dr. Manjusha Gokhale	SPPU Syllabus for : BS - III & BS IV Elective I and II
2021-2022	Ar.Pallavi Patil	SPPU Syllabus for : LA 1
2021-2022	Ar. Priyanka Chavan	SPPU Syllabus for : ADVI & ADV , BCM V & VI
2021-2022	Ar. Samvedna Jadhav	SPPU Syllabus for : ADVI & ADV
2021-2022	Ar. Mukta Pandit	SPPU Syllabus for : BS III and IV, WD I & WD II
2021-2022	Ar. Asmita Kale	SPPU Syllabus for : RIA I
SCOA faculty appointed for exam paper checking:		
2021-2022	Ar. Sarika Thakoor	Design VI, QSE I, QSE II
2021-2022	Ar. Avani Topkar	Design VI, BCM VI
2021-2022	Ar. Kalpana Hadap	Design VI
2021-2022	Ar. Akshar Mendhe	Design VI
2021-2022	Ar. Samvedna Jadhav	Design VI
2021-2022	Ar. Leena Jain	BCM IV, PP II, SW II
2021-2022	Ar. Chaitrali Deshpande	BS IV
2021-2022	Ar. Ila Shende	BCM III ,IV
2021-2022	Ar. Priyanka Purohit	SW I & II, BCM I & II
2021-2022	Ar. Manasi Khope	PP I & II
2021-2022	Ar. Akshar Mendhe	QSE I & II
2021-2022	Er. Rohit Labhshetwar	ToS III & IV, TOS-I & II, QSE-1 & II
2021-2022	Ar. Priyanka Chavan	QSE, AD-V
2021-2022	Ar. Ankoor Sakhare	QSE I backlog, QSE II
2021-2022	Ar. Natasha Senapati	SPW I backlog, SPW II
2021-2022	Ar. Tejas Joshi	PP I backlog, PP II
2021-2022	Ar. Janhavi Dhage	AD V
2021-2022	Ar. Karuna Ghorpade	BS I and BS II
SCOA faculty appointed for examination:		
2021-2022	Ar. Leena Jain	BCM IV and III (Regular and Backlog), Elective III, ADP
2021-2022	Ar.Anuja Gurjar	ELECTIVE IV, Design VIII
2021-2022	Ar. Chaitrali Deshpande	AD V
2021-2022	Ar. Ila shende	Elective IV , BCM IV, AD III (Regular ,Backlog) US II - (Regular,Backlog)
2021-2022	Ar. Priyanka Purohit	AD III, EVS
2021-2022	Ar. Avani Topkar	AD V , RIA, CAS
2021-2022	Rohit Labhshetwar	TOS-2, 3 & 4
2021-2022	Ar. Manasi Khope	ABTS
2021-2022	Ar. Priyanka Chavan	BCM VI, Design V, Design IV(Regular+ Backlog), ELECTIVE IV
2021-2022	Ar. Manali Chandan	HOA&C IV, CAD&G, RIA II
2021-2022	Ar. Vaishnavi Gawande	BCM III and IV
2021-2022	Ar. Sejal Desarda	AD III, US I and II
2021-2022	Ar. Kirti Bajare	Design VIII, ADP (regular+ backog), Elective VI, AD VII, Landscape, PT backlog
2021-2022	Ar. Harshada Akolkar	Climatology Backlog, EVS (Regular+Backlog), BS II
	Ar. Avanti Bogade	Elective III

2021-2022	Ar. Asmita Kale	RIA I, CAS backlogs, LA I, II backlog, Elective II (M Arch), Research II (M Arch), ABTS II, Design VIII, RIA I , II (backlog)
2021-2022	Dr. Priyamvada Chitale	Elective II, Design VII -backlog, RIA II
2021-2022	Dakshayani Shete	SSA
2021-2022	Priti Dhanwat	ABTS II, Electives II, Elective I backlog, AD V, Electives III, CAS backlog
2021-2022	Rutuja Pawale	BS IV(Regular+Backlog), BS III, BCM IV
2021-2022	Anuja Inamdar	BCM VI, AD VIII, US II, US I backlog, ADP
2021-2022	Neeraj Nijampurkar	RIA I
2021-2022	Ankoor Sakhare	BCM V, BCM VI, BS II
2021-2022	Natasha Senapati:	HOAC IV, Elective I, CAS, Elective II
2021-2022	Janhavi Dhage	Internal: AD V External: HOAC IV, US II, RIA II, Elective III
2021-2022	Tejas Joshi	Elective III, Elective I backlog(2015.pattern), WD I backlog, WD II, WD II backlog (2015 pattern), AGD I backlog, AGD II, BD
2021-2022	Karuna Ghorpade	Internal: BS II, Environmental science, BS I and II backlog, Elective IV External: BS II, Environmental science, BS I and II backlog
2021-2022	Trishna Mahadkar	Internal: LA, ADP, AD III, AD II backlog External: WD I backlog, WD II backlog, LA I and II backlog
	Ar. Sonal Karanjikar	Conservation Project, Research II, Conservation Practices & Training, Conservation Studio-III.
2021-2022	Dr. Shilpa Gaikwad	Introduction to Constitution of India
2021-2022	Dr. Nikhil Shejwalkar	Computational Design skills (GIS)
2021-2022	Dr. Smita Suryawanshi	Digital Design Studio III, Digital Practices and Professional Training, Research II,
SCOA faculty appointed for exam paper setting		
2021-2022	Dakshayani Shete	TOS V & TOS VI
2021-2022	Ar. Kavita Patil	SPW I & SPW II, AD-V
2021-2022	Avani Topkar	BTM V&VI (2015 pattern)
2021-2022	Kalpana Hadap -	Design VI
2021-2022	Rohit Labhshetwar	TOS I & II, TOS III & IV (2019 pattern)
2021-2022	Ar. Asmita Kale	BTM III (2015 pattern)
2021-2022	Ar. Leena Jain	BCM IV, III
2021-2022	Ar. Sarika Thakoor	QSE I, QSEII
2021-2022	Ar. Manasi Khope	PP II
2021-2022	Dakshayani Shete	TOS V and VI

### 1.2.1 Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented:

- Electives conducted in Term I:  
III year: Contemporary Architecture  
IV year: Conservation and Digital Architecture
- Audit Course conducted in Term I:  
II year: Yoga  
III year: Book keeping and Accountancy
- Electives planned for Term II:  
III year: Universal Design  
IV year: Photography  
Final Year: IGBC Rating System.
- Audit Course planned for Term II:  
I year: DEG and Crafts

### 1.2.2 / 1.2.3 Add-on/ Certificate programs offered during the year.

- Architecture Portfolio Making
- Urban High Rise Residential Landscape

**1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum:**

- Human Value: HOA
- Environment and Sustainability: Climatology, Green Building Elective, Environmental Science
- Professional Ethics: Professional Practice

**1.3.2/ 1.3.3 Number of courses that include experiential learning through project work/field work/internship during the year.**

**Number of students undertaking project work/field work/ internships**

<b>B. Arch.</b>					
	<b>Experiential learning</b>	<b>Year</b>	<b>Conducted</b>	<b>subjects</b>	<b>No. of Students 20-21</b>
1	Project work	First Year B. Arch Second Year B. Arch Third Year B. Arch Fourth Year B. Arch	Semester I, II	Design	101 154 105 155
2	Project work	Second Year B. Arch Third Year B. Arch	Semester I, II	WD	154 105
3	Project work	Fourth Year B. Arch	Semester I, II	PP	155
4	Field work	First Year B. Arch Second Year B. Arch Third Year B. Arch Fourth Year B. Arch	Semester I, II	BTM / ABTS	101 154 105 155
5	Field work	Second Year B. Arch	Semester II	SL	154
6	Field work	Second Year B. Arch Third Year B. Arch	Semester I, II	BS	154 105
7	Internship	Final Year B. Arch	Semester I	PT	144

**1.4.1/ 1.4.2: Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Feedback process of the Institution may be classified as follows:**

Feedback is collected by online mode (with help of google forms)

**Planning for 2022-23:**

- Additional electives like Green and sustainable architecture are planned
- Additional Audit course of right to information is planned for 4<sup>th</sup> year.
- Following ADD-ON courses to be conducted:  
Architecture Portfolio Making.  
Parametric Modeling  
Religion and Religious Architecture

**Criterion II: Teaching-Learning and Evaluation (Compilation of 2021-22)**

**2.1 Student Enrolment and Profile**

**2.1.1 Enrolment Number:** Students enrollment data,  
Sanctioned: B Arch 160 and M. Arch. (AC+CA) (20+20)  
Enrolled: B Arch +M Arch (AC+CA)= 101+10+8=119

**2.1.2 Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year**

Number of actual students admitted from the reserved categories during the year.

	SBC	NT
B Arch	4	3
M Arch AC		
M Arch CA		

Year	Number of seats earmarked for reserved category as per GOI or State Government rule					Number of students admitted from the reserved category				
	SC	ST	OBC	Gen	Other	SC	ST	OBC	Gen	Others
2021-22	20	11	30	80	19	8	0	29	59	7
2021-22	2	1	3	11	3	0	0	3	7	0
2021-22	2	1	3	11	3	0	0	3	5	0

### 2.2.1 The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Learning levels-

16 weeks academic program under SPPU is planned. Due to COVID-19 pandemic situation, online teaching-learning was followed. Progressive review of attendance (overall and subject wise) and Academic performance is noted. Mid-term and end-term performances is tracked.

Programs for slow learners like remedial classes for completion and up gradation are scheduled. PTA meetings are planned. Mentors counseling (two staffs per year)

Programs for advanced learners- Selected for various portfolio coordinators of Susamwad for co & extracurricular activities. Institutes guide and encourage to participate in local, national and international design, competitions, quiz, value added courses, workshops. Publish research papers in Shodh sankalp (SCOA publication)

### 2.2.2 Student- Full time teacher ratio (Data for the latest completed academic year)

Calculations of total number students to staff for B Arch and M Arch

Ratio- student: teachers

B.Arch. – 659 : 57 = 11.56 : 1

M.Arch AC– 29 : 5 = 5.8 : 1

M.Arch CA – 19 : 5 = 3.8 : 1

Total students = 659+29+19= 707

Total faculties = 57 + 5 + 5 = 67

### 2.3.1 Teaching- Learning Process Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences

Experiential Learning: for subjects like Design, Building materials and construction, etc.

case studies, study tours (virtual) were planned.

Participated Learning: for subjects like RIA, Design, BCM market survey (virtual), Team work, Quiz is planned.

Problem solving Methodology: are used in subjects like Design, Research.

### 2.3.2 Teachers use ICT enabled tools for effective teaching-learning process:

Architecture teaching requires to use visuals (PPT) and software like AutoCad, Revit, Sketchup

Supporting software like excel, word. Due to COVID 19, Online platforms like Microsoft Teams, Google meet and zoom. Use of YouTube, Google map, WhatsApp and email for communication with staff and students are well versed.

### 2.3.3. Ratio of mentor to students for academic and other related issues

Two staffs per class of 40 students, total (38+2+2)=42 mentors including M Arch mentors

(B Arch)						
S No	Div	Year	No of students	Mentor-Mentee TERM I	Mentor-Mentee TERM II	
1	A	First year	13	Ar. Avanti Kale	Ar. Avanti Kale	
			13	Ar. Namrata Khatod	Ar. NamrataKhatod	
2		Second year	21	Ar. Tanmayee Panse,	Ar PriyankaPurohit	
			20	Ar Priyanka Purohit	Ar. Manasi Khope	
3		Third year	13	Ar. Akshar Mendhe	Ar. Akshar Mendhe	
		12	Er. Rohit Labhshetwar	Er. RohitLabhshetwar		
4	B	Fourth year	20	Ar. Shreyas Paranjape,	Ar. AditiMahajan	
			17	Ar. Aditi Mahajan		
5		Fifth year	20	Ar. Avani Topkar	Ar. AvaniTopkar	
			19	Ar. Pranoti Lad	Ar. Pranoti Lad	
6	B	First year	13	Ar Siddhesh Sable	Ar. Sarika Thakur	
			13	Ar Swapnapriya Barve	Ar. SwapnapriyaBarve	
7		Second year	20	Ar. Leena Mutha,	Ar. Leena Mutha,	
			20	Ar Ila Shende	Ar. Ila Shende	

8		Third year	15 14	Ar Bijal Vakharia Ar Niketa Patil	Ar. Niketa Patil
9		Fourth year	16 16	Ar Indrayani Dasare Ar Sarika Thakoor	Ar. Indrayani Dasare
10		Fifth year	17 17	Ar. Pallavi Patil, Ar Anuja Gurjar	Ar. Pallavi Patil, Ar. Anuja Gurjar
11	C	First year	13 13	Ar. Tejas Joshi Ar. Karuna Ghorpade	Ar. Tejas Joshi Ar. KarunaGhorpade
12		Second year	12 12	Ar. Manjusha Zalte, Ar. Dakshyani Shete	Ar. Ketaki Badge Ar. DakshyaniShete
13		Third year	12 12	Ar. Samvedna Jadhav Ar Ankoor Sakhare	Ar. Janavi Dhage Ar Neeraj N
14		Fourth year	22 22	Ar. Sanika kulkarni Ar. Anuja Inamdar,	Ar. Ankoor Sakare Ar. Rutuja Pawale
15		Fifth year	20 19	Ar. Trishna Mahadkar, Ar, Ketki Badge	Ar. TrishnaMahadkar, Ar, Ketki Badge
16	D	First year	13 12	Ar Aashish Sakat Ar Manali Chandan	Ar Ashish Sakat Ar Manali Chandan
17		Second year	19 18	Ar Asmita Kale Ar Tejaswini Jangale	Ar Asmita Kale Ar Gourav Vinchu
18		Third year	15 15	Ar Sejal Desarda Ar Priyanka Jadhav	Ar. Priyanka Jadhav Ar. Vaishnavi Gawande
19		Fourth year	21 20	Ar Gayatri Mangore Ar Mukta Pandit	Ar MuktaPandit Ar. Avanti Bhogade
20		Fifth year	20 19	Ar Kirti Pawar	Ar. Kirti Pawar Ar. Harshada Akolkar
Total students: 655 Total Mentor-Mentee: 39					
S No	Division	Year	No of students	Mentor-Mentee TERM I	Mentor-Mentee TERM II
1	-	First year	10	Ar Mukta Deshpande	Ar. Mukta Deshpande
2	-	Second year	19	Ar Poorva Patil	Ar. PoorvaPatil
(M Arch) (Computer Applications)					
S No	Division	Year	No of students	Mentor-Mentee	
1	-	First year	8	Ar Ankoor Patil	Ar Ankoor Patil
2	-	Second year	11	Ar Snehal Gade	Ar Snehal Gade

**2.4.1. Teacher Profile and Quality** *Number of full-time teachers against sanctioned posts during the year:*  
UG=52+4+4= 60

**2.4.2. Number of full-time teachers with Ph. D. / D.M. / M.Ch. /D.N. B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count):**  
4 staff completed PHD 5 staffs pursuing PHD

**2.5.1 Evaluation Process and Reforms Mechanism of internal assessment is transparent and robust in terms of frequency and mode:**

Internal assessment is transparent with Progressive and assignment wise marking, Quarter meeting. Evaluation is carried out on continuous academic performance, Jury, mid-term marking and attendance. Internal assessment is robust with all marking and attendance records, Identification of slow learners and Remedial/extra classes

**2.5.2 Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient**

**Internal examination:** Insem of SPPU at college level between 6<sup>th</sup> to 8<sup>th</sup> Week of the semester MCQ type and theory writing. Grievances faced were:

- Network issue, medical emergency
- Solved by conducting practice test, classroom created for uploading of answer sheets
- Problems faced during exam solved conduction of exam

**2.6.1. Student Performance and Learning Outcome: Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.:** Session plan to be meticulously followed in the term. Study tour, site visits, workshops, expert lectures Design briefs are drafted considering the same.

**2.6.2 Attainment of Programme outcomes and course outcomes are evaluated by the institution.**

Direct methods are

- Progressive marking of each assignment
- Mock test/viva voce
- Mid-term marking
- In-sem exams
- End Sem exams

Indirect methods are Students satisfaction survey (Feedback)

**2.6.3. Pass percentage of Students during the year:** The results are awaited

**2.7 Student Satisfaction Survey:** Survey conducted for B Arch and M Arch students separately from 1st year to final year

**Planning for 2022-23:**

- ICT shall be used for lecture delivery in class – PPT presentation.
- File sharing system with multiple collaborators/teachers to work together with ease of access.

S No	Div	Year	No of students	Mentor-Mentee TERM I
1	A	First year	14	Ar. Avanti Kale
			13	Ar. Vrushali Dhamne
2		Second year	14	Ar Priyanka Purohit
			13	Ar. Manasi Khope
3		Third year	20	Ar. Akshar Mendhe
	19		Er. Rohit Labhshetwar	
4	Fourth year	12	Ar. Avanti Bhogade	
		12	Ar. Namrata Khatod	
5	Fifth year	19	Ar. Ashish Sakat	
		19	Ar. Avani Topkar	
6	B	First year	14	Ar. Sarika Thakoor
			13	Ar. Swapnapriya Barve
7		Second year	14	Ar. Ila Shende,
			13	Ar. Akshay Pipada
8		Third year	20	Ar. Chaitrali Deshpande
	20		Ar. Niketa Patil	
9	Fourth year	15	Ar. Indrayani Dasare,	
		14	Ar. Namrata Ranaware	
10	Fifth year	16	Ar. Leena Jain	
		16	Ar. Anuja Gurjar	
11	C	First year	13	Ar. Tejas Joshi
			13	Ar. Karuna Ghorpade
12		Second year	13	Ar. Ketaki Badge
			13	Ar. Natasha Senapati
13		Third year	19	Ar. Janavi Dhage
	19		Ar Neeraj N	
14	Fourth year	12	Ar. Ankoor Sakare	
		12	Ar. Rutuja Pawale	
15	Fifth year	22	Ar. Anuja Inamdar	
		22	Ar, Ketaki Badge	

16	D	First year	13 12	Ar Manali Chandan Er. Hemant Borade
17		Second year	13 12	Ar Gourav Vinchu Ar. Mukta Pandit
18		Third year	19 18	Ar. Vaishnavi Gawande Ar. Shantanu Gaikwad
19		Fourth year	15 15	Ar Harshada Akolkar Ar. Priyanka Chavan
20		Fifth year	21 20	Ar Kirti Pawar Ar. Sejal Desarda
Total students: 655 Total Mentor-Mentee: 40				
S No	Division	Year	No of students	Mentor-Mentee TERM I
1	-	First year	10	Ar Mukta Deshpande
2	-	Second year	19	Ar Poorva Patil
S No	Division	Year	No of students	Mentor-Mentee TERM I
1	-	First year	8	Ar Ankoor Patil
2	-	Second year	11	Ar Snehal Gade

---

### CRITERION III: RESEARCH, INNOVATION AND EXTENSION

#### 3.1 : Number of full-time teachers during the year: 67

**3.1.1 Grants received from Government and non- governmental agencies for research projects / endowments in the institution during the year:** One ASPIRE Research Proposal Sponsored by SPPU, One Research project under ICOMOS India Research Grants.

Research proposals from faculties are submitted to PCERF for Grants.

#### **3.1.3. Number of departments having Research projects funded by government and non-government agencies during the year**

1 no. B Arch Research Project is on-going.

M Arch Research Project is ongoing.

#### **3.1.2. Number of teachers recognized as research guides: 3nos.**

#### **3.2 Number of Sanctioned posts during the year: 67**

**3.2.1 : Number of papers published per teacher in the Journals notified on UGC website during the year.:** 2 papers

#### **3.2.2: Number of Seminars/conferences/ workshops conducted by the institution during the year**

23 activities are carried out by Institute

- 5 ADP sessions,
- Knowledge Sharing seminars for faculty by faculty- teaching methodology,
- 8 NDLI EVENTS,
- Seminar- In Transition\_ 12 August
- Workshop -STRUCTURAL CONSERVATION BY CSMVS, Mumbai.
- National E-Conference Conducted – Jan 2022.
- Study tour Presentations - Students.
- SEMINAR – IPR, Conservation Day, women’s day, Voters Day – Ethics in Democracy, World Architecture Day

#### **3.3.1 Number of Ph.Ds registered per eligible teacher during the year 5:**

Ph.D faculties

4 faculties registered for Ph.D.



### **3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the year**

21 research papers

E-conference conducted by SCOA, 15 Faculty contributed.

### **3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year**

1 Book , 1 Chapter and 2 poetries are published , 1 Article Published

### **3.4.1. Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year**

#### **Social issues:**

- Reading Day- Behavior during Covid
- Environmental issues:
- Tree Plantation
- poster competition on Sadbhavana Din
- World Heritage Day- 18th April
- Publication – sharing with local Authority

### **3.4.2 : Number of awards and recognitions received for extension activities from government / government recognized bodies during the year**

- MASA: Best teachers award for Humanities- \_ Dr. Vaishali Latkar.
- Vlog featured in the 'Humans for Heritage' Project by Sadattva in October 2021 as Young Heritage Professional -Ar. Shreamey Phadnis
- Govt of Maharashtra: revenue and forest dept – Prof. Priti Dhanawat- Recognition received for food supplies and clothes to the flood victims

### **3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programs such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year**

- Vachan Prerana Din
- Yoga Day
- Tree Plantation in STES campus
- Poster making on sadbhavana din
- Integrity Pledge- 25th January 22
- Vasundhara Diwas -22/4/2022
- Nirbhay Kanya Yojana – 24/02/22

### **3.5.1 The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc. during the year**

1. Review of cultural mapping of Pune
2. GEM certification for college campus
3. Research Activity Participation & Recognition – BOS (Students, M.Arch AC)

### **3.5.2 Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year**

#### **MoU with ETHOS**

#### **Planning for 2022-23:**

Tapping of grants from different GOVT./ NGO

- Seminar/ Webinar: Green building Rating with 5th yr

- Total 6 events under NDLI Club
  - TTP – Landscape
  - TTP/FDP –Learning -teaching presentations by faculty
  - Workshops – Rhino Workshop (for August) One each month
  - workshops / seminars by the field experts through agencies like PCERF
  - Internship Experience sharing – students
  - Extension activities (Proposed Events) like:
    - Tree Plantation
    - Sadbhavana Divas
    - Blood donation camp – SKN Hospital
    - International Youth Day – 8th aug, Alumini meet
    - Foundation day – Reducing Plastic Use.
  - Ridoff- Green Initiatives (Plastic waste)
  - VAC – through ETHOS
  - Nature conservation Day – 28 th july 22
  - fabric painting activity
  - Tree Plantation
- Planning Collaboration with IIA, COA, IID, Internship – B ARCH (5th Yr.) Research – PCERF
- 

#### Criterion IV: Infrastructure and Learning Resources

**4.1.1. The Institution has adequate infrastructure and physical facilities for teaching- learning.** viz., classrooms, laboratories, computing equipment etc.

- COA norm: SCOA buildings have adequate infrastructure and physical facilities for teaching spaces
  - Classrooms with LCD
  - Studios
  - Seminar halls with ITC facility
  - Departmental and central library with dedicated SCOA wing
  - Girl’s and Boy’s common room
  - NASA room
  - Staff rooms
  - Principal’s cabin
  - Admin area
  - Exam room and Store room
  - Computer lab
  - Lab: Survey and Levelling Lab., Environmental Lab , Carpentry workshop , Language lab
  - Material museum
  - Construction Yard
  - Area as per COA
  - Equipment & Furniture as per COA
  - Computer and ICT facilities
- Wi-Fi and LAN provision

4.1.3. EXSISTING PHYSICAL FACILITIES AT SCOA For B. Arch					
Sr. No	Activity Spaces		As per COA in Sq.m		Provided in SCOA in Sq.m
Nos	Area		Nos.		Total Area
1	Studios	17	2040	17	1895.07
2	Lecture rooms	8	480	8	696.77
3	Labs and Workshops	6	240	7	208.02
4	Computer Centre	1	60	1	84
5	Library	1	312	1 Department Library + Central Library	102.32 +6870 sq. m (Floor area)
6	Principal’s Cabin	1	30	1	42.22
7	Faculty rooms and cabins	1	358	1	301.74
8	Administrative office	1	90	1	68.90
9	Lounge	-	-	1	94.30
10	Staff rooms/Cabins	1	358	1	301.74
11	Staff lounge	1	60	1	94.30
12	Construction Yard	1	200	1	959.59

13	Students Common room	As per building regulation	2	(13.89 x2)=27.78
14.	Multipurpose hall and other exclusive area		1	556.69
Total		5000 Sq. m	5452.09Sq. m	

**4.1.2.** The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

- STES campus at Vadgaon (BK) on 35.45 Hectare established in 1997
- Green, scenic, tranquil on hilltop in outskirts of city- ideal location for institution
- Self-sufficient campus with all amenities • Amphitheatre, Auditorium - cultural activities
- Indoor sports area
- gymnasium, yoga centre etc.
- Swimming pool, Cricket Ground
- central library
- Salon, laundry
- Provision, stationary shops
- Food joints
- Hostels, Mess, Staff quarters, Banks, Post Office
- Efficient Security system
- Back-up power

Ambulance facility and STES hospital in 2Km.

#### 4.1.3 Other Desirable Physical Facilities At SCOA

Sr. No	Activity Space	As per COA	Provided in SCOA and STES campus
1	Canteen	Yes	Yes
2	Stationary Shop	Yes	Yes
3	Reprography Section and Digital printing	Yes	Yes
4	Open air theatre with stage	Yes	Yes
5	Permanent Exhibition space	Yes	Yes
6	Provision for outdoor sports facility	Yes	Yes
7	Girls Common Room.	Yes	Yes
8	Resource Centre.	Yes	Yes
9	Submission and Exam Room.	Yes	Yes

#### 4.1.3 Classrooms And Seminar Halls With ICT Facility [For B.Arch. ] Room number or Name of classrooms/Seminar Hall with LCD / wifi/LAN facilities with room numbers

	Type of ICT facility
Assembly/ Seminar Hall	Computers, L, Amplifiers
Studio	Wi-Fi, L
AV Rooms	LCD, Speakers
Multipurpose Hall	LCD, L, Speakers
Studio	Wi-Fi, L
AV Rooms	LCD, Speakers
Multipurpose Hall	LCD, L, Speakers

**4.1.4: Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs):** Well distributed funds for utilization of teaching learning facilities.

**4.2.1 Library is automated using Integrated Library Management System (ILMS):** ILMS software is purchased and in use since 2005

**4.2.2 The institution has subscription for the following e-resources:** Institution has subscription of National Digital library of India (NDLI club) for local and remote access to e-resources. (Reg. No INMHNC4KYJ2VY8H)

**4.2.3 Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs):** Total number of books available are 7909, total number of titles are 6750 which is more

than the COA norms for books. Total e books are 4893 more than COA norms for e-books, Total number of e-journals 1551.

**4.2.4 Number per day usage of library by teachers and students** (foot falls and login data for online access): Online footfall counting facility is available on college library website. Total visitors 1433

**4.3.1 Institution frequently updates its IT Facilities including Wi-fi**

- Updated operating systems
- Two computer labs with latest software installed like Autocad, Sketch-up, 3D modelling for both B. Arch and M.Arch
- Good Internet connectivity, bandwidth, printing Scanning facility available
- Students can learn latest software and complete assignments
- Technical support staff is available
- Facility available for e-content development for teachers
- Total 128 computers in working condition for B. Arch
- Total 26 computers in working condition for M. Arch

**4.3.2 Student Computer Ratio Total Number of computers in SCOA** Total Number of computers for B. Arch: 128. Total Number of students for B. Arch: 715. Ratio of computer: student: 1:6.

**4.4.1 Expenditure incurred on maintenance of infrastructure** (physical and academic support facilities) excluding salary component during the year (INR in Lakhs): Well distributed budget and funds for development of infrastructure and their maintenance

**4.4.2** There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. Well developed strategies for usage of campus infrastructure for benefit of society during the year.

**Planning for 2022-23:**

- Well-developed strategies for usage of campus infrastructure for benefit of society during the year.
  - Well distributed budget and funds for development of infrastructure and their maintenance.
- 

**CRITERION V: STUDENT SUPPORT AND PROGRESSION**

**5.1.1. Number of students benefited by scholarships and free ships provided by the Government during the year:** Various scholarships and schemes available to students:

SC, ST, EBC, VJNT, Minortiy, SBC - Scholarship & Freeship

No. of students: 368

Amount: Rs. 2,59,04,712/-

**5.1.3 : Capacity building and skills enhancement initiatives taken by the institution include the following:**

Events/ Activities conducted:
Sadbhavna Din
Personality development
Reading Day
Vachan Prerna Din
Yoga Day celebration – B.Arch.
Yoga Day celebration – M.Arch.

Sketch up workshop
Thesis orientation

#### **5.1.4 Number of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the year:**

- NICMAR career counselling session on 5<sup>th</sup> Oct 2021
- M.Arch. – Architectural Conservation career counselling session on 16<sup>th</sup> Nov for all divisions of B.Arch.
- M.Arch. – Computer Applications career counselling session on 16<sup>th</sup> Nov (Div A & B) and 26<sup>th</sup> Nov 2021 (Div C & D)

**5.1.5 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases:** Meetings have been conducted for Internal Complaint committee, Grievance committee and Anti ragging committee as well.

#### **5.2.1 Number of placements of outgoing students during the year**

- Placement number = 48
- Many students are self-employed with their own practice in sole or partnership. Number of self-employed students = 31

#### **5.2.2 Number of students progressing to higher education during the year**

- Students pursuing higher education = 14

#### **5.2.3. Number of students qualifying in state/national/ international level examinations during the year: Students qualifying the competitive exam = 24**

- IELTS = 7
- GATE = 6
- M. Arch. CET = 10
- TOEFL = 1

**5.3.1 : Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year:** 1 student – Mayuri Deshmukh of Third year B.Arch. appeared and excelled in dance exam

**5.3.2 Institution facilitates students’ representation and engagement in various administrative, co-curricular and extracurricular activities: Students active participation in the various bodies as elected by other students under the:**

- SPPU Council (University level)
- Sinhgad Students Council (at STES institute level)
- Susamwaad (College level)

**5.3.3. Number of sports and cultural events/competitions in which students of the Institution participated during the year:** Participation in Purushottam Karandak – Swanand Raikar from second year B.Arch. is leading the team of 11 students. Traditional day and farewell conducted in college.

#### **5.4 Alumni Engagement**

- Alumni contribution in terms of knowledge sharing, expert lecture, jury conduction, etc.
- **Alumni meet on 13<sup>th</sup> Oct 2021** – Aditya Chawande and Mandar Khele invited to share their project work for B.Arch. students
- **“Presentation of research paper”** by Saajan Mehta, Pushkar Jogalekar, Huzefa Patharia, Jayraj Ghatge and Akshay Burhanpure for M.Arch Computer Application students on 22<sup>nd</sup> and 25<sup>th</sup> May 2021.

#### **Planning for 2022-23:**

- Check for approval of SPPU Earn and learn scheme

- Special Competitive exam guidance session to be added.
  - Promote and motivate students for the extra-curricular participation at university/ state / national level
  - Check for other participation by students
  - Encourage students for active participation in Sports and cultural activities. Major events are planned in term II.
  - Alumni interaction session to be conducted at least one per semester
  - Motivate faculty to conduct guest lectures, juries, site visits, etc. for Alumni contribution. Audited statement is required.
- 

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

**6.1.1. The governance of the institution is reflective of and in tune with the vision and mission of the institution:** Governance at STES level includes budget, faculty and staff appointment, salary, purchase planned by various committees of college represented by faculty and proposed to management for approval

SCOA level includes Vision & mission: long-term and short-term goals. And governance includes Four tier for academic delivery and administration. All faculty members represent various internal committees and make decisions and planning proposals to the principal for approval.

**6.1.2. The effective leadership is visible in various institutional practices such as decentralization and participative management.** Team of Susamvad committee includes teachers and students. Academic and activity (event) calendar for term I and term II are well planned with reports. Grievance Redressal Committees and Anti-ragging committee address all the issues.

**6.2.1 The institutional Strategic/ perspective plan is effectively deployed:** The institutional strategy plan includes - E-learning strategies (Term I), Hybrid learning strategies (Term II), Exploration of combination of online and offline system for teaching process. Curriculum development is guided by Curriculum Development, Lesson Plan & Session Plans, (Teaching schedules files), Workshop/site visit reports etc., Studio teaching methodology/report, Feedback on teaching method, Discussion about innovative teaching and methodology, Quarter report, Remedial and revision classes records, Examination & Evaluation, Internal marking records, Mock Jury records + Practice test records, Records / Notices of SSPU related to evaluation Research & Development, Student's research documentation, Research – involvement of faculty (more publication)- e-conference conducted on 14th and 15th Jan 2022.

**6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.**

Level 1: - STES Management

- President
- Secretary
- VP
- Campus director

Level 2: - Academic

- Many committees
- Internal academic monitoring committees

Level 3: -Teacher student body

- SUSUMVAD

**6.2.3 Implementation of e-governance in areas of operation includes**

- Administration
- Finance and Accounts: - Talley and pay wiz
- Student Admission and Support: DTE guidelines for online admission, Sinhgad app details,
- Examination: - SPPU university Level

**6.3.1. The institution has effective welfare measures for teaching and non- teaching staff**

- Sixth pay scale salary & DA as per norms
- Timely promotions for the eligible and deserving candidates-
- Empowerment
- Provision for Qualification Improvement: encourage to pursue higher studies
- Motivation to faculty for Quality improvement /Teacher 's Training programs
- Welfare
- Provident Fund for Non-teaching staff

- Group Insurance Scheme (GIS)
- Employee Mutual Benevolent Fund (EMBF)
- Extended maternity leaves for permanent faculty
- Earned leaves for non-teaching staff
- Accommodation facility for faculty & staff in campus
- Free Medical & Dental facilities at STES hospital
- Free Ambulance facility of 24 hours inside campus

**6.3.2. Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

- 17 teachers attending TTP, FDP with financial support

**6.3.3. Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**

SPPU Syllabus meetings attended by the faculty. Orientation for new faculty (Administrative and teaching). Series on Innovative teaching methodology. Training for accountants related to 7<sup>th</sup> pay calculation. SPPU paper checking meetings

**6.3.4 Number of teachers undergoing online/face-to-face Faculty development Programme (FDP) during the year**

23 faculties attended FDP

-DROP by SPPU

-TTP by COA

**6.3.5 Institutions Performance Appraisal System for teaching and non- teaching staff:**

Annual Appraisal of AY 2020-21 is the base for Continuation of service, promotion of post, and increment in salary by the management for both teaching and non-teaching staff. Appraisal follows the hierarchical system of Self-Appraisal of staff, followed by HOD (for teaching) / Asst. Registrar (for Non-teaching), Principal and Management HRD Section. Appraisal criterion for Faculty is Experience & qualifications as per norms, Students' feedback, Research contribution & skill up gradation, Involvement in organizational work Appraisal criterion as Supporting Staff is based upon Continuous education / skill up-gradation, Behavioral aspects, Regularity and punctuality, Supervisors feedback.

**6.4.1 Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections.** Audit report and balance sheets. STES Audit reports are awaited. Appointment letter of CA Internal audit, Copy of corpus fund

**6.4.2 Funds / Grants received from non-government bodies, individuals, philanthropies during the year:**

No funds / grants received in this year

**6.4.3 Institutional strategies for mobilization of funds and the optimal utilization of resources:** Strategy is planned considering Salaries, Infrastructure, hardware maintenance. Fees paid to statutory authorities, Seminars, workshops and guest lectures remuneration, for library books and journals, provided with financial support to attend conferences/workshops

**6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes-**

Online mode for term I (Faculty efforts), E-Module development, E-content development, Mock online/offline vivas conducted for ADP students, E-learning methods developed, Online platform development for Submission of sessional. Well planned Evaluation (Monthly, Mid-Sem, End Sem) was carried out. Hybrid mode for term II: half term was conducted online and half-term was on- campus. Preparation for offline exams and viva was war front. Revision classes and practice test conducted for the same. Interactive: group discussion, seminar, quiz, PowerPoint presentation, assignments and projects based on e-market surveys, research. Adequate infrastructure for online teaching-learning. Continuous Internal Evaluation and transparency was seen through Quarterly Review Meetings, Defaulter's letters to parent. National E-Conference organized by SCOA to motivate faculties for research.

**6.5.2. The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities**

For first Cycle: Encouraged backlog students to complete their course. For regular students (term I- online term)

1) Training for online mode education

- 2) E-content development
- 3) Online Practice test
- 4) Online jury training
- 5) Introduction of value-added course for students

For Faculty

- 1) Improvement in teaching pedagogy
- 2) Meetings of subject teachers for New Syllabus
- 3) After Appraisal, to improve their score they attained training programs

**6.5.3. Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC);** Feedback collected, analyzed and used for improvements, MOU reviewed, To strengthen the academic activities Lesson and session plan, E content, Defaulter letters, PTA report, Collaboration with other institute and universities, Lecture documentation formats, Academic calendars, Design briefs of all years are reviewed. Presentations by faculties on Innovative teaching methods were conducted. Final year student individual topic wise sessions by faculties and Alumni were scheduled. Collaborative quality initiatives with other institution(s): Collaboration with Bharati vidyapith -Collaboration with SPPU for all architecture colleges and Statistics in research

#### **Planning for 2022-23:**

Academic and activity (event) calendar for academic year 2022-23 with reports.

Orientation for new faculty (Administrative and teaching)

-SPPU Fourth year 2019 pattern syllabus meetings

- Learn and Teach sessions by faculty for faculty after attending TTP/FDP

-personality development and formal communication/administrative training programs for teaching and non-teaching staff

- Training to BCM teachers PCERF, collaborative studios with different institutes of India.

---

## **CRITERION VII: INSTITUTIONAL VALUES AND BEST PRACTICES**

### **7.1.1 Measures initiated by the Institution for the promotion of gender equity during the year.**

- Infrastructure is maintained
- Annual sensitization plan: Nirbhaya kanya yojana, lecture conducted for girl students.
- Separate meeting conducted for girls' students.

### **7.1.2 Facilities for 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. Geo tagged photographs taken for the same.

**7.1.3 The facilities in the Institution for the management of the following types of degradable and non-degradable waste:** Solid waste management: Campus level garbage collection done in the form of dry and wet waste segregation. PMC vehicle daily visits the campus for the same purpose. Liquid waste management: STP provided at the campus level for treatment of greywater. Biomedical waste management: Separate bio waste collection van visits the dental institute for collection of bio waste. Waste recycling system: Treatment plant at campus level for grey water treatment. Hazardous chemicals and radioactive waste management: not applicable as no such waste is generated in campus.

**7.1.4. Water conservation facilities available in the Institution:** Rain water harvesting: Practiced at hostel next to Matrix college in the campus. Bore wells: available at two places Near Shivneri hostel and cricket play ground in the campus. Maintenance of water bodies and distribution system in the campus: Pump house, filtration plant present on campus.

**7.1.5 Green campus initiatives: Restricted entry of automobiles:** Campus level parking spaces have been identified. Beyond those spaces vehicular movement is restricted. Pedestrian Friendly pathways: Pathways provided all over campus along the roads for the safety of pedestrians. Ban on use of Plastic: Promote ban on use of plastic. Awareness created by paintings done the compound walls of campus. Landscaping with trees and plants: Landscaping done with variety of species of trees and plants. Throughout the campus this practice can be seen.



**7.1.6 Quality audits on environment and energy are regularly undertaken by the institution:** Students visited installation of Lungs on J.M Road. Students visited “Pune alternate fuel exhibition” held at Agriculture ground Pune.

**7.1.7 The Institution has disabled-friendly, barrier free environment**

Built environment with ramps/lifts for easy access to classrooms: Ramps provided for institution.  
Disabled-friendly washrooms: provision of disabled friendly washrooms at institute level.

**7.1.8 Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities**

**Tolerance and harmony towards culture:**

Celebration of Ganpati festival at campus level. This year due to the pandemic situation could not be celebrated. Navratri due to the pandemic situation could not be celebrated. Carnival was celebrated post pandemic. Celebrated Vachan Prerna din on 15<sup>th</sup> October. Marathi Bhasha divas celebrated 27<sup>th</sup> Feb 2022. Pledge day celebrated on 22<sup>nd</sup> January 2022

**7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations’ values, rights, duties and responsibilities of citizens:**

Tree plantation drive: To spread awareness of importance of tree plantation and follow green practices this event is conducted every year. Tree plantation done on 21<sup>st</sup> December 2021. Lecture on constitution of India conducted on 10<sup>th</sup> Feb 2022. Oath ceremony for first year conducted on 31<sup>st</sup> January 2022

**7.1.10 code of conduct for students, teachers, administrators and other staff:**

1. The Code of Conduct is displayed on the website
2. IPR lecture organized for faculty and students

**Planning for 2022-23**

- Beyond campus promotional activities: students to prepare posters and awareness charts as a part of their environmental studies subject.
  - Green audit to be planned.
- Following events to be held:
- Celebration of Ganpati, Navratri
  - Marathi bhasha day celebration- Jan or Feb 2022
  - Pledge day- After circular from SPPU.
  - Constitution of India – lecture to be conducted for B.Arch.
  - Oath ceremony- After first-year admissions done
  - Tree plantation
- 

Ar. Priyanka Chavan  
(IQAC Coordinator)

Dr. Banani Banerjee  
(Principal)