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Founder President

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Founder Secretary

**Dr. Banani Banerjee**  
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Principal

Ref.: SCOA/ 2020-21/404A

1.4.21

### Minutes of IQAC meeting held on 30.3.21

The IQAC meeting held on 30.03.2021 at 02.00 pm online ([meet.google.com/wze-brqg-gwm](https://meet.google.com/wze-brqg-gwm)) in google meet platform. Review of 2020-21 and strategies for 2021-22 were discussed criterion wise as per the revised AQAR. The minutes are as follows:

#### Criterion I: Curricular aspects

##### 1.1.1. 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

Parents are informed about academic and attendance performance at all stages. This also helps faculty to focus on Identification of lacunae, corrective & Improvement measures and keeping records of above .

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

- Member of BOS of SPPU
- Subject wise syllabus committee coordinator and members
- Subject wise e-content preparation coordinator and members
- curriculum revision committee coordinators and members
- Decision of curriculum portion distribution and Setting of question papers
- Members of Assessment /evaluation process of the affiliating University

|   |  |
|---|--|
| Member of SPPU-BOS in Architecture                            |  |
| 1   | Dr.Vaishali Latkar, HOD, M. Arch. (Architectural Conservation) Member of BOS in Architecture |
| Member of subject wise SPPU syllabus committee (2019 pattern) |  |

|   |  |   |
|---|--|---|
| 1   | Dr. Priyamvada Chitale, HOD, B.Arch.                     | Building Technology & Materials _ All years             |
| 2   | Prof. Kalpana Hadap, Division Coordinator, B.Arch. Div A | Architectural Design & Principles of Architecture       |
| 3   | Prof. Priti Dhanwat, Division Coordinator, B.Arch. Div C | History of Architecture                                 |
| 4   | Er. Dakshayani Shete, Associate Professor                | Building Technology & Materials and Theory of Structure |
| SCOA hosted SPPU e-content syllabus meeting ( II B Arch-2019 pattern)- Online                     |  |   |
|   | Subject  | Faculty Co-ordinator                                    |
| 1   | HOA-II, HOA- III<br>On 13.06.2020                        | Prof. Priti Dhanwat<br>Team – Ar. Mugdha Kulkarni       |
| SCOA faculty attending syllabus meeting e-content of II yr. of SPPU preparation committee members |  |   |
| 1   | Ar. Kalpana Hadap  | Architectural design II and III                         |
| 2   | Ar. Rohit Labhshetwar                                    | TOS III and IV  |
| 3   | Ar. Leena Jain   | BCM III and AD II                                       |
| 4   | Ar. Indrayani Dasare                                     | BS I  |
| 5   | Ar. Priti Dhanwat  | BS II   |
| 6   | Er. Dakshayani Shete                                     | BCM III, SSA, TOS IV, TOS III                           |
| 7   | Ar. Priyanka Chavan                                      | Climatology, Environmental Science                      |
| 8   | Ar. Asmita Kale  | BS II, Site survey and Analysis                         |
| 9   | Ar. Gayatri Mangore                                      | BCM III & IV  |
| 10  | Ar. Mukta Pandit   | CADG  |
| 11  | Ar. Kirti Bajare   | AD III & IV   |
| 12  | Ar. Ketaki Badge   | HAC- III  |
| 13  | Ar. Trishna Mahadkar                                     | AD- II and AD- III                                      |
| 14  | Ar. Sanika Kulkarni                                      | BS-I  |
| SCOA faculty involved in course work sharing e-content of SPPU preparation committee members      |  |   |
| 1   | Ar. Leena Jain   | BCM III   |
| 2   | Ar. Priti Dhanwat  | HOA III and HOA IV                                      |
| 3   | Er. Dakshayani Shete                                     | BCM III   |
| 4   | Dr. Priyamvada Chitale                                   | BS II   |
| 5   | Ar. Asmita Santosh Kale                                  | BS II   |
| SCOA faculty appointed for exam paper setting:  |  |   |
| 1   | Ar. Avani Topkar   | BTM V and VI  |
| 2   | Er. Rohit Labhshetwar                                    | TOS I and II  |
| 3   | Ar. Kalpana Hadap  | Design VI   |
| 4   | Ar. Kavita Patil   | BS III, BS IV, SPW I, SPW II                            |
| 5   | Er. Dakshayani Shete                                     | TOS III, TOS IV, TOS V, TOS VI                          |
| 6   | Ar. Asmita Santosh Kale                                  | BCM III   |
| SCOA faculty appointed for exam paper checking:   |  |   |
| 1   | Rohit Labhshetwar  | TOS III and IV  |
| 2   | Kalpana Hadap  | Design VI   |

E-Content Developed by Faculty for SCOA: uploaded in SCOA library website

| Sr. No | Year       | Subject Name | Co-ordinating Faculty |
|--------|------------|--------------|-----------------------|
| 1      | First Year | Basic Design | Ar. Tejas Joshi       |
|        |            | BCM-I        | Ar. Priyanka Purohit  |
|        |            | TOS-I        | Er. Dakshayani Shete  |
|        |            | Workshop     | Ar. Aditi Mahajan     |
|        |            | History      | Ar. Swapnapriya Barve |

|    |                    |  |                       |
|----|--------------------|--|-----------------------|
|    |                    | Audit Course                           | Ar. Niketa Patil      |
|    |                    | Communication Skills                   | Ar. Akshar Mendhe     |
|    |                    | AGD-I                                  | Ar. Sejal Desarda     |
| 2  | Seco<br>nd<br>Year | AD-III and IV                          | Ar. Trishna Mahadkar  |
|    |                    | BCM III and IV                         | Ar. Leena Jain        |
|    |                    | TOS III and IV                         | Er. Rohit Labhshetwar |
|    |                    | CADG                                   | Ar. Mukta Pandit      |
|    |                    | HOA-III and IV                         | Ar. Mugdha Kulkarni   |
|    |                    | BS-I and II                            | Dr. P.N.Chitale       |
|    |                    | Climatology                            | Dr. Manjusha Gokhale  |
|    |                    | SSA                                    | Er. Dakshayani Shete  |
| 3. | Thir<br>d<br>Year  | Design-V and VI                        | Prof. Kalpana Hadap   |
|    |                    | BTM-V and VI                           | Ar. Pallavi Patil     |
|    |                    | LA-I and II                            | Ar. Asmita Kale       |
|    |                    | HOA-III and IV                         | Ar. Renuka Devi       |
|    |                    | TOS-V and VI                           | Er. Dakshayani Shete  |
|    |                    | WD-II                                  | Ar. Sunit Thakare     |
| 4  | Fourt<br>h<br>Year | Design- VII and VIII                   | Ar. Pranoti Lad       |
|    |                    | ABTS-I and II                          | Prof. Priti Dhanwat   |
|    |                    | PP-I and II                            | Ar. Neha Anwane       |
|    |                    | US-I and II                            | Ar. Manasi Khope      |
|    |                    | RIA-I and II                           | Ar. Shreyas Paranjape |
|    |                    | QSE-I and II                           | Ar. Priyanka Chavan   |
|    |                    | SW-I and II                            | Ar. Kirti Bajare      |
|    |                    | Elective-II Architectural Conservation | Ar. Avani Topkar      |
|    |                    | Elective –II Digital Architecture      | Ar. Avani Topkar      |
| 5  | Fifth<br>Year      | ADP                                    | Ar. Trishna Mahadkar  |
|    |                    | Elective IV                            | Ar. Bijal Vakharia    |

### 1.2.1 Choice Based Credit System (CBCS)/ elective course system

| ELECTIVES: B. Arch. - Semester I – 2020-21 |                     |  |                |        |
|--|---------------------|--|----------------|--------|
|  |                     | Topic  | No of students | out of |
| Elective II (Design, Technology)           | Fourth Year B. Arch | Architectural conservation & Computer Applications | 144            | 144    |
| B. Arch. - Semester II - 2020-21           |                     |  |                |        |
| Elective I (Interior Design)               | Third Year B. Arch  | Interior Design                                    | 145            | 145    |
| Elective III (Allied)                      | Fourth Year B. Arch | Environmental Psychology                           | 144            | 144    |
| Elective IV (Management )                  | Fifth Year B. Arch  | Green Building Rating System                       | 164            | 164    |
| Audit Course: Semester I 2020-21           |                     |  |                |        |
| Subject                                    | Year                | No of students                                     | out of         |        |
| Yoga                                       | First year B.Arch   | 158  | 158            |        |
| Building science                           | Second Year B. Arch | 106  | 106            |        |

| Subject                                      | Year         |                     | Topic                      | No of students | of out of |
|--|--------------|---------------------|----------------------------|----------------|-----------|
| <b>M. Arch. (Architectural Conservation)</b> |              |                     |                            |                |           |
| <b>Elective I</b>                            | Semester I   | First Year M. Arch  | Digital tools              | 20             | 20        |
| <b>Elective II</b>                           | Semester II  | First Year M. Arch  | Urban Studies              | 20             | 20        |
| <b>Elective III</b>                          | Semester IV  | Second Year M. Arch | Management Skills          | 9              | 9         |
| <b>M. Arch. (Computer Applications)</b>      |              |                     |                            |                |           |
| <b>Elective I</b>                            | Semester I   | First Year M. Arch  | Colloquium                 | 17             | 17        |
| <b>Elective II</b>                           | Semester II  | First Year M. Arch  | Robotics & Embedded system | 17             | 17        |
| <b>Elective III</b>                          | Semester III | Second Year M. Arch | Management Skills          | 5              | 5         |

1.2.2. Number of Add on /Certificate programs offered during the year

1.2.3. Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

| Add-on_ Value Added Course - B. Arch. |   |                         |                          |    |        |
|---------------------------------------|---|-------------------------|--------------------------|----|--------|
|                                       | Course  | Duration                | No of students completed | of | Out of |
| 1                                     | Responsive facade in digital architecture through Origami | 11/01/2021-15/01/2021   | 11                       |    | 30     |
| 2                                     | Architecture Portfolio Making                             | 18/01/2021 - 22/01/2021 | 13                       |    | 30     |
| 3                                     | Urban High Rise Residential Landscape                     | 22/02/2021 – 26/02/2021 | 20                       |    | 97     |

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

|  | Deals with issues Relevant To: | Course/ Subject         | Semester          | Year                                      |  |
|--|--------------------------------|-------------------------|-------------------|---|--|
| B. Arch.   |                                |                         |                   |   |  |
| 1  | Human Value                    | HOA                     | Semester I and II | First Year B. Arch<br>Second Year B. Arch |  |
| <ul style="list-style-type: none"> <li>Architectural development with reference to time, space and people.</li> <li>Linkages between architecture and the socio- cultural, political and economic context of various eras.</li> </ul>  |                                |                         |                   |   |  |
| 2  | Sustainability                 | Climatology             | Semester I        | Second Year B. Arch                       |  |
| 3  | Sustainability                 | Green Building elective | Semester II       | Fifth Year B. Arch                        |  |
| 4  | Environment                    | Environmental Science   | Semester II       | Second Year B. Arch                       |  |
| <ul style="list-style-type: none"> <li>Study climate as a determinant of architectural design and to enable the students to evolve climate responsive design and energy efficient.</li> <li>Study various aspect of environment and role of architect in preserving the same.</li> </ul> |                                |                         |                   |   |  |
| 5  | Professional Ethics            | Professional Practice   | Semester I and II | Fourth Year B. Arch                       |  |
| <ul style="list-style-type: none"> <li>The subject acquaints the Student about the Role and Status of an Architect in Society, and understand the duties, responsibilities, liabilities and ethics as a professional.</li> </ul>   |                                |                         |                   |   |  |

|  | Deals with issues Relevant To: | Course/ Subject  | Semester                      | Year  |
|--|--------------------------------|--|-------------------------------|---|
| <b>M. Arch. (Computer Applications)</b>      |                                |  |                               |   |
| 1  | Human Value                    | Research   | Semester II and III           | First Year M. Arch.<br>Second Year M. Arch. |
| 2  | Sustainability                 | Digital Design Studio  | Semester I to IV              | Second Year M. Arch.                        |
| 3  | Environment                    | Smart Material & Advanced Construction                                   | Semester III                  | Second Year M. Arch.                        |
| 4  | Professional Ethics            | Digital Practices & Professional Training                                | Semester III                  | Second Year M. Arch.                        |
| <b>M. Arch. (Architectural Conservation)</b> |                                |  |                               |   |
| 1  | Human Value                    | Intro to Conservation, History, Theory and Criticism, Studio I,II,III,IV | Semester I , II, III and IV   | First Year M. Arch<br>Second Year M. Arch   |
| 2  | Sustainability                 | Cultural Landscape and Studio I,II,III,IV                                | Semester III, Sem I,II,III,IV | Second Year M. Arch                         |
| 3  | Environment                    | Planning Theory, Cultural Landscape                                      | Semester I,III                | First Year M.Arch.<br>Second Year M.Arch    |
| 4  | Professional Ethics            | Conservation Practices and Training                                      | Semester III                  | Second Year M. Arch                         |

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

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

| B. Arch. |                       |  |                   |            |                          |
|----------|-----------------------|--|-------------------|------------|--------------------------|
|          | Experiential learning | Year   | semester          | subjects   | No. of Students          |
| 1        | Project work          | First Year B. Arch<br>Second Year B. Arch<br>Third Year B. Arch<br>Fourth Year B. Arch | Semester I and II | Design     | 158<br>106<br>145<br>144 |
| 2        | Project work          | Second Year B. Arch<br>Third Year B. Arch  | Semester I and II | WD         | 106<br>145               |
| 3        | Project work          | Fourth Year B. Arch  | Semester I        | PP         | 144                      |
| 4        | Field work            | First Year B. Arch<br>Second Year B. Arch<br>Third Year B. Arch<br>Fourth Year B. Arch | Semester I and II | BTM / ABTS | 158<br>106<br>145<br>144 |
| 5        | Field work            | Second Year B. Arch  | Semester II       | SL         | 106                      |
| 6        | Field work            | Second Year B. Arch<br>Third Year B. Arch  | Semester I and II | BS         | 106<br>145               |
| 7        | Internship            | Final Year B. Arch   | Semester I        | PT         | 164                      |

| Course/ Subject                        | Year | Semester | Experiential learning through | No. of Students |
|--|------|----------|-------------------------------|-----------------|
| <b>M. Arch. (Computer Application)</b> |      |          |                               |                 |

|  |   |                         |                                 |         |
|--|---|-------------------------|---------------------------------|---------|
| Digital Design Studio                        | First Year M. Arch<br>Second Year M. Arch | Semester I, II, III, IV | Project work                    | 17<br>5 |
| Digital Tools & Techniques                   | First Year M. Arch                        | Semester I and II       | Project work                    | 17      |
| DPPT   | Second Year M. Arch                       | Semester III            | Project work                    | 5       |
| Digital Fabrication                          | First Year M. Arch                        | Semester I              | Field work                      | 17      |
| Smart Materials & Advanced Construction      | Second Year M. Arch                       | Semester III            | Field work                      | 5       |
| <b>M. Arch. (Architectural Conservation)</b> |   |                         |                                 |         |
| Conservation Studio I,II,III and IV          | First Year M. Arch<br>Second Year M. Arch | Semester I, II and III  | Field studies and project work  | 20<br>9 |
| Structural Conservation I and II             | First Year M. Arch                        | Semester I and II       | Field work                      | 20      |
| Elective II – Urban Studies                  | First Year M. Arch.                       | Semester II             | Field work                      | 20      |
| Conservation Practices and Training          | Second Year M. Arch                       | Semester III            | Project work                    | 9       |
| Conservation Project                         | Second Year M. Arch                       | Semester I V            | Field studies and project works | 9       |

1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders

1.4.2 Feedback process of the Institution may be classified as follows:

Options: B. Feedback collected, analyzed and action has been taken

Student feedback

Conduction: Online feedback on subject wise curriculum-centric parameters through Google forms from randomly selected 60%) students of each class, maintaining anonymity.

Analysis and action: improving the quality of teaching, satisfaction of the students and conveyed the recommendations to the BOS of SPPU for consideration.

Faculty Feedback

Conduction: online feedback through google form on subject wise curriculum as completion of syllabus content on time, importance of theory subjects, students understanding, evaluation of student's work, effective implementation of co-curricular activities, and suggestions regarding content of syllabus etc.

Analysis & Action: visiting and expert faculty appointed wherever necessary and suggestions conveyed to BOS

Employers Feedback

Conduction: feedback from employers of Practical Trainee students of Ninth semester through the online mode (google forms)

Analysis & Action: Their suggestions were considered for improvement in ICT knowledge in future syllabus contents.

Alumni Feedback

Conduction: Alumni feedback from students in this academic year will be taken before the convocation, which is scheduled next month.

## Criterion II: Teaching- Learning and Evaluation

### 2.1.1. Student Enrolment number

| 2.1. 1 Demand Ratio during the year  |                           |                                 |                   |
|--------------------------------------|---------------------------|---------------------------------|-------------------|
| Name of the Programme                | Number of seats available | Number of applications received | Students Enrolled |
| B Arch.                              | 160                       | 160                             | 158               |
| M Arch. (Architectural Conservation) | 20                        | 20                              | 20                |
| M Arch (Computer Application)        | 20                        | 17                              | 17                |

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

| Year    | No. of seats earmarked for reserved category as per GOI or State Gov. |    |     |     |        | No. of students admitted from the reserved category |    |     |     |        |
|---------|---|----|-----|-----|--------|---|----|-----|-----|--------|
|         | SC  | ST | OBC | GEN | OTHERS | SC  | ST | OBC | GEN | OTHERS |
| 2020-21 |   |    |     |     |        |   |    |     |     |        |
|         | 104   | 56 | 152 | 400 | 88     | 61  | 4  | 142 | 382 | 125    |

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

Following methods are used for Assessment and Evaluation to identify advanced and slow learners:

- 16 weeks academic program under SPPU
- COVID-19 pandemic situation, online teaching-learning going on
- Identification of advanced and slow learners through
  - Progressive review of attendance (overall and subject wise) and Academic performance
  - Mid-term and end-term performances

For slow learners measures like remedial extra lectures and studios to complete works and upgrade quality, PTA meeting conducted and Mentors counseling are carried out.

For advanced learners, they are selected for various portfolio coordinators of Susamwad for co & extracurricular activities. Institutes also guide and encourage to participate in local, national and international design competitions, quiz, value added courses, workshops. Their work is Publish under research papers in Shodh sankalp (SCOA publication). Works are exhibited in college exhibition and to be uploaded in online college exhibition

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

| 2.2.2. Student - Full time teacher ratio (current year data)                              |   |  |  |
|---|---|--|--|
| Number of students enrolled in the institution (UG)                                       | Number of students enrolled in the institution (PG) | Number of full time teachers available in the institution teaching only UG courses | Number of full time teachers available in the institution teaching only PG courses |
| 715   | 29 (AC) + 22 (CA)= 51                               | 57   | 4 (AC) + 5 (CA)= 9   |
| Ratio: student: teachers<br>B.Arch. - 1: 12.5<br>M.Arch AC-- 1:7.25<br>M.Arch CA – 1: 4.4 |   |  |  |

2.3.1. 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
- site visits/ industrial visits
- study tours
- Workshops

Participated Learning: research, Design, BCM

- market survey
- Team work
- Quiz

Problem solving Methodology: Design, Research

- Real life challenges, opportunities identification
- solutions

Due to Pandemic situation COVID-19, virtual study tour, site visits, online market survey were organized.

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

- Architecture teaching requires to use visuals and making CAD drawings
- LCD Projectors and screens to conduct online class lectures, available in all lecture rooms
- Applications and software: AutoCad, Revit, Sketchup available in Computer lab for everyone to use for drafting and demo
- for making PPT for teaching and word files and excel files referring Google map, YouTube etc. in individual Desktop provided by the college
- Online teaching platform: Microsoft Teams, Google meet and Zoom are commonly used platform for teaching subjects in online mode. Teachers also use various online tools like- whiteboard and Jamboard in Google meet.
- Google Classroom/ Microsoft Teams: sessional assignments, Insem exams, mock/practice test links and tutorial collected from students as college provides these platforms
- Google Forms: To carry mock/practice test exams, Insem exams, surveys.
- Whatsapp, email for circulation of notices etc

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

| (B Arch) |             |                               |  |
|----------|-------------|-------------------------------|--|
| Division | Year        | Ratio:<br>Teacher:<br>student | Mentor-Mentee                                |
| A        | First year  | 1:20                          | Ar. Manasi Khope, , Ar. Aditi Mahajan        |
| A        | Second year | 1:13                          | Ar. Tanmayee Panse, , Ar Priyanka Purohit    |
| A        | Third year  | 1:20                          | Ar. Akshar Mendhe,                           |
| A        | Fourth year | 1:20                          | Ar. Shreyas Paranjape, Ar. Rohit Labhshetwar |
| A        | Fifth year  | 1:20                          | Ar. Avani Topkar, Ar. Pranoti Lad            |
| B        | First year  | 1:20                          | Ar. Indrayani Dasare, Ar Swapnapriya Barve   |
| B        | Second year | 1:14                          | Ar. Leena Mutha,                             |
| B        | Third year  | 1:16                          | Ar Bijal Vakharia,                           |
| B        | Fourth year | 1:16                          | Ar. Indrayani Dasare, Ar Pushkaraj Bankapure |
| B        | Fifth year  | 1:23                          | Ar Pallavi Patil, Ar Anuja Gurjar            |
| C        | First year  | 1:20                          | Ar. Ketaki Badge, Ar. Rutuja Pawale          |
| C        | Second year | 1:14                          | Ar. Manjusha Zalte,                          |
| C        | Third year  | 1:20                          | Ar. Sunit Thakare, Ar Jhanavi Dhage          |
| C        | Fourth year | 1:20                          | Ar. Sanika kulkarni, Ar. Kavita Patil        |
| C        | Fifth year  | 1:20                          | Ar. Trishna Mahadkar,, Ar, Dakshayani Shetye |
| D        | First year  | 1:20                          | Ar Tejaswini Jangale                         |
| D        | Second year | 1:15                          | Ar Asmita Kale , Ar Tejaswini Jangade        |



|   |             |      |                                     |
|---|-------------|------|-------------------------------------|
| D | Third year  | 1:20 | Ar Mukta Pandit, Ar Priyanka Chavan |
| D | Fourth year | 1:17 | Ar Sejal Desarda                    |
| D | Fifth year  | 1:20 | Ar Kirti Pawar, Ar Siddhesh Sable   |

2.4.1. Number of full time teachers against sanctioned posts during the year: 57

2.4.2. Number of full time teachers with Ph. D. during the year

| S No | Name of staff         | PhD completion year | University        |
|------|-----------------------|---------------------|-------------------|
| 1    | Dr Priyamvada Chitale | 2016                | SPPU              |
| 2    | Dr Vaishali Latkar    | 2017                | SPPU              |
| 3    | Dr Banani Banerjee    | 2017                | CEPT              |
| 4    | Dr Smita Suryavanshi  | 2017                | IIT, Rurkee       |
| 5    | Dr Manjusha Gokhale   | 2020                | Nagpur University |

Number of full time teachers pursuing Ph.D.

| S No | Name of staff           | PhD completion year | University    |
|------|-------------------------|---------------------|---------------|
| 1    | Ar Priti Dhanwat        | 15 Feb 2017         | VTU-RRC       |
| 2    | Ar Pranoti Meghal (Lad) | 27 Oct 2018         | SPPU          |
| 3    | Ar Avani Topkar         | 21 Sept 2019        | LPU           |
| 4    | Ar Asmita Kale          | 22 Oct 2020         | D Y Patil Uni |

2.5.1. Mechanism of internal assessment is transparent and robust in terms of frequency and mode- 200 words

Progressive Internal Assessment:

- Quarterly meetings are conducted in each month of the semester.
- evaluation is carried out based on
  - Academic performances of assignment and Jury sessional subjects, mock test for theory subject & mock viva for practical subjects as per session plans
  - attendance

Transparency: monthly / quarter report Google sheet shared with students and parents, through whatsapp group for each class.

Robust: Based on meticulous records and findings,

- lacunae of teaching as per session plan and
- slow learners are identified.
- Remedial / extra classes and practice test are conducted accordingly and mentor's coordinate. Faculties always connect with the students through Google meet and Google classroom to solve queries and issues.

2.5.2. Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient- 200 words

Internal examination:

Insem of SPPU at college level on 30% of total marks of Theory subjects between 6<sup>th</sup> to 8<sup>th</sup> Week of the semester

This year COVID-19 pandemic situation, online inSem exams conducted on MCQ, Tutorials  
Grievance faced in online system by students:

- Network problems faced by the students during exam, which instantly resolved by
  - Students sent request mail for alternative mode
  - special exam was conducted for such students if required
- Uploading of answer sheets in proper Google classroom file, if not, faculty immediately informed students
- Practice tests were conducted to avoid such problems
- exam department resolved immediately All grievances regarding internal examination

2.6.1. Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

POs and PSOs are formulated at SCOA as per NBA guidelines  
COs of all subjects: Formulated by BOS (Architecture) of SPPU

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

Attainment of Program outcome and course outcome is done by direct and indirect method.

Direct methods like-

- Session plans are made for each subject
- Lesson Plans, Design Briefs are prepared for all assignments as per Cos
- Study tour, site visits, workshops, expert lectures arranged accordingly
- Evaluation of outcome is made progressively and at the end semester
- Progressive marking of each assignment
- Mock test
- Mid-term marking
- In-sem exams
- University exams

Indirect methods like-

- Students' satisfaction survey (Feedback)
- Teachers and Alumni feedback

2.6.3 Pass percentage of Students during the year: Due to pandemic situation, written and backlog written exam was not conducted by SPPU till date for the Term I 2020-21, which will be conducted in the month of April 2021.

sessional viva exam for the same semester is also pending. the exams will be conducted following the SPPU circular.

2.7.1. Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

A student satisfaction survey was conducted for institutional purposes for the academic year 2020-21. The students from S Y B arch to Final year B arch and M arch (Computer Application and Architectural Conservation) participated in the survey. The link will be displayed on the college web site.

### Criterion III: Research, Innovation and Extension

Following are the details of Internal research committee:

| Internal Research Committee (IRC) |                        |   |                                     |
|-----------------------------------|------------------------|---|-------------------------------------|
|                                   | Name of the Faculty    | Designation   | Position                            |
| 1                                 | Dr. Banani Banerjee    | PrincipaL, SCOA   | Chairman                            |
| 2                                 | Prof. Priti Dhanwat    | Professor, SCOA   | Academic Research Coordinator (ARC) |
| 3                                 | Dr. Vaishali Latkar    | Professor & H.O.D (M. Arch)<br>Architectural Conservation | M. Arch Research Coordinator        |
| 4                                 | Dr. Smita Suryawanshi  | Professor & H.O.D (M. Arch)<br>Computer Application       | M. Arch Research Coordinator        |
| 5                                 | Dr .Priyamvada Chitale | H.O.D , SCOA  | Member                              |
| 6                                 | Dr. Manjusha Gokhale   | Professor, SCOA   | Member                              |

### Internal Research Committee (IRC)

- Formed as per the guidelines of SPPU
- Coordinates Researches in architecture amongst teachers, students

### Main Objectives

- Support for research Grant (BCUD / BOD) for faculty
- Coordinate SPPU researches for students
- Motivation to present and Publish Research Papers
- Collaborative work with different research organization
- Initiative to delegate faculty for QIP & TTP of COA-TRC
- Encouraging Practice and sharing within faculty and students
- Encouraging and supporting and sponsoring faculty to attend, seminar, workshop, Conferences
- Availability of e-journals and resource persons

3.1.1. Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.2 Number of departments having Research projects funded by government and non-government agencies during the year

| SPPU research Grant (continuing)   |  |                  |                             |                               |  |
|--|--|------------------|-----------------------------|-------------------------------|--|
| Name of the Project/<br>Endowments, Chairs   | Name of the<br>Principal<br>Investigator/<br>Co-Investigator | Year of<br>Award | Amount<br>Sanctioned        | Duration<br>of the<br>project | B. Arch.<br>Dept.<br>No of<br>proposal |
| Analyzing DCR in<br>TOD zones for<br>impact on residential<br>development-Case<br>of Pune City | Ar. Anuja<br>Rameshchandra<br>Inamdar                        | 2019-<br>20      | 200,000/-                   | 2 years                       | 1                                      |
| New Proposal in process 2020-21  |  |                  |                             |                               |  |
| Changes in the<br>Public Children's<br>Play Areas Post<br>Pandemic                             | Ar. Trishna A<br>Mahadkar                                    | 2020-<br>21      | Awaiting<br>for<br>approval | 2 years                       | ?                                      |

3.1.3 Number of Seminars/conferences/workshops conducted by the institution during the year

| No. | Name of the workshop/ seminar                               | No. of<br>Participants<br>(Faculties &<br>students) | Date From – To                 |
|-----|---|---|--------------------------------|
| 1   | SPPU-BOS Workshop - History of<br>Architecture              | 48  | 13/6/2020                      |
| 2   | SPPU-BOS Workshop - Building Services                       | 178   | 4/7/2020                       |
| 3   | IPR Session by Dr. Ananya Bibave                            | 48  | 9/10/2020 , 2.00 0m-<br>3.30pm |
| 4   | ASSOCHAM MOU Session  | 84  | 8/10/2020 ,11.30am-<br>1.30pm  |
| 5   | Microsoft Team Session by Ar. Rohit<br>Labhshetwar          | 32  | 14/10/2020@3.00pm              |
| 6   | Guest lecture by Ajinkya Niphadkar                          | 56  | 15/10/19 @2.00pm               |
| 7   | Dialogue with alumni for 4th and 5th year and<br>5th year ) | 53  | 23/10/2020<br>@5.00PM          |
| 8   | PCERF MOU Session   | 9   | 28/10/2020 @<br>5.00PM         |
| 9   | SPPU Session for funded research under                      | 22  | 19/11/2020 @ 2:30              |

|    |   |     |                              |
|----|---|-----|------------------------------|
|    | ASPIRE  |     | pm                           |
| 10 | Thesis Guidance for Guides/Co-guides  | 26  | 11/12/2020 @ 10.30 am        |
| 11 | Thesis Guidance to final year students  | 135 | 22/12/2020 & 23/12/2020      |
| 12 | Principal & Application of Building Science course Swayam Nptel (Audit Course)                      | 78  | 27/7/2020 at 8.30 am         |
| 13 | Parametrics and Product Design. Organized by M. Arch Computer Applications (Conducted by M Arch-CA) | 95  | 20/10/2020<br>Time : 4-6 P.M |
|    | Total Participants =  | 940 |                              |

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

| Title of paper  | Name of the author/s                  | Dept. of the teacher | Name of journal | Year of publication | ISSN number    |
|---|---------------------------------------|----------------------|-----------------|---------------------|----------------|
| Architectural Characteristics of Jain villages in Kolhapur region | Ar Pranoti Meghal and Dr Abhijit Natu | B ARCH               | Sanmati         | Dec 2020            | ISSN-2395-5503 |

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

| Name of the teacher  | Title of the book/ chapters published                                      | Title of the paper   | Name of the conference          | ISBN/ISSN number of the proceeding | Affiliating Institute at the time of publication |
|----------------------|--|--|---------------------------------|------------------------------------|--|
| Ar. Priyanka Chavan  | e-Proceedings of the National e-Conference on Empirical Theories NCET-2020 | Rethinking The Linear Process Of Design  | NCET-2020                       | ISBN: 978-93-5416-259-6            | Allana college of Architecture, Pune             |
| Ar. Neha Anwane      | e-Proceedings of the National e-Conference on Empirical Theories NCET-2020 | Innovative Teaching Methods And Trends Constraints As An Opportunity In Design Process             | NCET-2020                       | ISBN: 978-93-5416-259-6            | Allana college of Architecture, Pune             |
| Er. Dakshayani Shete | e-Conference   | Learning through Experiences: An innovative teaching tool applied for SY B Arch technical subjects | Skill & Architectural Education | Yet to be published                | Symbiosis school of architecture, Pune           |

3.3.1. Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year (200 words)

Social issues :

- Mask making and distribution: during COVID pandemic in 2020-21, students voluntarily stitched cotton masks and distributed to the people of their neighbourhoods under financial or livelihood challenges
- online survey on COVID awareness by SCOA: SCOA conducted for awareness of COVID for students and faculty, overwhelmed response received
- Quiz on COVID 19 Awareness by SPPU 'majhe kutumb majhi Jawabdari " mohim students participated in quiz conducted by SPPU which intended to make students responsible citizen
- Design competitions on sensitive topics like Quarantine Facility Design, Rethinking Public Toilets, Temporary Homes for Transient Construction Labourers etc., students participated in and received recognition from different bodies like COA-TRC, COEP-digital India, KAARWA with Ministry of Welfare for handling

Environmental issues:

- Tree Plantation in Campus: SCOA organised
- poster competition for students about awareness of environment

3.3.2. Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

|    | Name of the activity   | Name of the Award/ recognition   | Name of the Awarding bodies  |
|----|--|--|--|
| 1  | Utopia event-A Delve into Tech Future  | Mindspark20, Certificate of participation to 4nos.   | COEP, Pune. (Patronage of Digital India)                                 |
| 2  | Quiz - building products, technologies   | How to Festival 2.0- Locator   | Locator with LIC & Legrand   |
| 3  | Product Design & Environmental Sustainability Award  | Finalist of Taiwan International Student Design Competition (TISDC-2020)   | Taiwan Education Ministry  |
| 4  | Essay Writing Role of Architecture in Nation Building  | Certificate of participation (1 nos.)  | The Council of Architecture (TRC), India                                 |
| 5  | Quarantine Facility Design for temporary Healthcare  | KAARWAN- National Design Competition 2020, Certificate of participation (Total No.8 students)                                    | KAARWAN with Ministry of Health and Family Welfare, Government of India. |
| 6  | Design of a live project for CDAC office in Pune- ROOFTOP CAFETERIA. (Faculty advisors:4 nos.) | CDAC- Design Competition (Team D: Winner, Team B: First Runner-Up, Team C :second Runner-up, Team A- for participation) 19 nos., | CDAC office in Pune  |
| 7  | Temporary Homes for Transient Construction Labourers   | The Drawing Board, Certificate of participation to student Roziya Pathan, Manthan Kirdat   | Mindspace Architects & Rohan Builders                                    |
| 8  | Rethinking Public Toilets 2020 Architecture Competition  | International Competition, Certificate of participation to Aditya Honrao, Aditi Jain,  | MICRO NATION CHALLENGE 2-INHABIT   |
| 9  | The House , Crafting Home through spaces   | International Design Competition, Certificate of participation to 3 students   | archdais   |
| 10 | Design & Model a Residence using Google Sketch UP  | Certificate for Shortlisters Award to Chaitanya Kasture & Tejal Jaikhedkar   | ACE_Design Institute   |
| 11 | Design of furniture  | Lockdown Competition 2020, (1 no)  | Design Discourse   |

|    |  |  |             |
|----|--|--|-------------|
| 12 | Co-working & Co-Living, Connecting Indoors with Outdoors | Certificate for 1st position to Tejal Jaikhedkar, Saish Dhimate, Pranav Gawale (7 nos.)            | HIVE KRAFT, |
| 13 | School Design  | Certificate for 2 <sup>nd</sup> Honorary mention to Tejal Jaikhedkar, Saish Dhimate, Pranav Gawale | HIVE KRAFT  |
| 14 | SCHINDLER Hatke elevator Design                          | Certificate of participation to 5 Students   | SCHINDLER   |

3.3.3. 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

|   | Name of the activity             | Organizing unit/collaborating agency | Name of the scheme  | Year of the activity                | Number of students participated in such activities |
|---|----------------------------------|--------------------------------------|---|-------------------------------------|--|
| 1 | COVID 19 Awareness quiz          | SCOA                                 | COVID 19 Awareness Programme                              | June 2020- July 2021                | 641  |
| 2 | Swaccha Bharat Abhiyan           | SCOA                                 | Lecture on SWM by Ar. Sanika Kulkarni                     | August 2020                         | 24   |
| 3 | Vachan Prerana Din               | SCOA-SPPU                            | Marathi Bhasha Divas                                      | 15th Oct 2020                       | 53   |
| 4 | Awareness survey                 | SCOA                                 | majhe kutumb majhi Jawabdari                              | 13th Oct 2020                       | 314  |
| 5 | Integrity Pledge                 | SCOA                                 | SPPU  | 29/10/2020                          | 15   |
| 6 | Tree Plantation in STES campus   | SCOA                                 | Harit Maharashtra Campaign                                | 11th Dec 2020                       | 13   |
| 7 | Poster on Environmental Concerns | SCOA                                 | World Forest Day, World Metrological Day, World Water Day | 21/03/2021, 22/03/2021 & 23/03/2021 | 72   |

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

| S. No. | collaborative activity         | collaborating agency | Name of the participant | Year of collaboration | Duration               | Nature of the activity   |
|--------|--------------------------------|----------------------|-------------------------|-----------------------|------------------------|--|
| 1      | How to Festival                | LOCATOR              | Ar. Sanika Kulkarni     | 2019-2021             | 2 years                | Industrial Exposer of various Building technology & Products to students |
| 2      | Microsoft Team online Platform | SKNCOA               | Ar. Ajinkya Nipharkar   | 2020                  | One Session for 2 hrs. | Demonstration of online Platform exploration                             |

|   |   |                                  |  |                           |           |   |
|---|---|----------------------------------|--|---------------------------|-----------|---|
| 3 | Review of cultural mapping of Pune                  | Sahapedia                        | Ar. Priti Dhanwat                      | from 17/01/2020 till date | 3 months  | cultural mapping of Pune (Awareness in Public Domain) |
| 4 | Participation in Virtual Constro                    | PCERF                            | Ar. Priti Dhanwat & Ar. Manjusha Zalte | 2020 -2025                | 3 months  | Master planning of Virtual CONSTRO 2021               |
| 5 | GEM certification for college campus                | ASSOCHAM                         | Ar. Priti Dhanwat & Ar. Manjusha Zalte | 2020-2023                 | 6 months  | Green Buildings and Sustainability                    |
| 6 | NPTEL SWAYAM COURSES for faculty & students-2020-21 | SWAYAM                           | SCOA faculties & students              | 2019-2021                 | 2 years   | (MOOC) Online Learning Sources                        |
| 7 | Research Activity Participation & Recognition       | D. Y. Patil Architecture college | 4th Year Students                      | 2020-21                   | 4 months  | Research paper presentations                          |
| 8 | E_resources   | National Digital Library         | SCOA faculties & students              | 2020-21                   | 12 months | Online free e-Learning resources                      |

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

|   | Organisation with which MoU is signed | Name of the institution/ industry/ corporate house | Year of signing MoU     | Duration | List the actual activities under each MOU year wise | Number of students/teachers participated under MoUs |
|---|---------------------------------------|--|-------------------------|----------|---|---|
| 1 | ASSOCHAM                              | GEM  | 3th Oct.,2020           | 3 yrs.   | Green & Eco friendly movement                       | 84  |
| 2 | PCERF                                 | NGO  | 3rd Nov, 2020           | 5 yrs.   | Virtual Conference planning                         | 12  |
| 3 | BLUE PRINT DESIGN                     | Autodesk Learning Partner                          | 2019 till 16th Oct 2023 | 4 yrs.   | Training for Software like Autocad, Sketchup        | 30  |

## 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. Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

| 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                                      | (13.89x2)=27.78                 |
| 14.  | Multipurpose hall and other exclusive area |                            |      | 1                                      | 556.69                          |
| Total  |  | 5000 Sq. m                 |      | 5452.09Sq. m                           |                                 |

4.1.3 Existing Physical Facilities At SCOA For M. Arch

| Sr. No | Activity Spaces | As per COA in Sq.m |      | Provided in SCOA in Sq.m |      |
|--------|-----------------|--------------------|------|--------------------------|------|
|        |                 | Nos.               | Area | Nos.                     | Area |



|                               |                            |  |    |  |        |
|-------------------------------|----------------------------|--|----|--|--------|
| 1                             | Studios                    | -                                      | -  | 4  | 253    |
| 2                             | Labs                       | -                                      | -  | 3  | 70.88  |
| 3                             | HOD cabins and Staff rooms | 1                                      | 50 | 4  | 123.53 |
| 4                             | Passage                    | -                                      | -  | 1  | 27.43  |
| 5                             | Discussion area            | -                                      | -  | 1  | 25.62  |
| Total                         |                            | 500 Sq. m                              |    | 526.08 Sq. m                                 |        |
| Grand Total for built up area | B.Arch.<br>M. Arch         | 5000 Sq. m +<br>500 Sq. m = 5500 Sq. m |    | 4452.60+<br>1218.77 + 442.80 = 6114.17 Sq. 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 [B.Arch and M.Arch]

| 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 Center.                         | 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         |

#### Classrooms And Seminar Halls With ICT Facility [For M.Arch]

| Room number or Name of classrooms/Seminar Hall with LCD / wifi/LAN facilities with room numbers | Type of ICT facility |
|---|----------------------|
| Studio  | Wi-Fi, L             |
| AV Rooms  | LCD, Speakers        |
| Multipurpose Hall   | LCD, L, Speakers     |

#### 4.1.4 Expenditure For Infrastructure Augmentation [For B.Arch and M.Arch ]

| Year    | Budget allocated for infrastructure augmentation | Expenditure for infrastructure augmentation | Total expenditure excluding Salary | Expenditure on maintenance of academic facilities (excluding salary for human resources) | Expenditure on maintenance of physical facilities (excluding salary for human resources) |
|---------|--|---|------------------------------------|--|--|
| 2020-21 | Budget did not happen due to covid - 19          | -   | -                                  | -  | -  |

#### 4.2. Library As A Resource: SCOA Section [For B.Arch and M.Arch]

| Existing Courses                      | No. of Volumes available at SCOA library | No. of Titles available at SCOA library | Journals (Indian): | Journals (Foreign): |
|---------------------------------------|--|---|--------------------|---------------------|
| B. Arch                               | 6136                                     | 4924                                    |                    |                     |
| M. Arch<br>Architectural Conservation | 800                                      | 800                                     |                    |                     |
| M. Arch Computer Application          | 750                                      | 750                                     |                    |                     |
| Total                                 | 7686                                     | 6474                                    | 18                 | 4                   |

#### 4.2.1 Library Is Automated {Integrated Library Management System -ILMS} For B.Arch and M.Arch]

| Name of the ILMS software | Nature of automation (fully or partially) | Version | Year of automation |
|---------------------------|---|---------|--------------------|
| Autolib                   | Partially                                 | 1.0     | 2005               |

#### 4.2.3 Purchase Of Books, Journals/E-Journals/Other E-Resources [For B.Arch and M.Arch]

| Library Resources | If yes, details of membership/subscriptions     | Expenditure on subscription to e-Journals, e-Books(INR in lakhs) | Expenditure on subscription to other e-resources (INR in lakhs) | Total Library Expenditure (Rs) | Link to the Relevant document |
|-------------------|---|--|---|--------------------------------|-------------------------------|
| Books             | 76982 Rs. Text books + Reference books purchase | NA   | NA  | 76982                          |                               |
| Journals          | 73273 Rs Print Journal purchase                 | NA   | NA  | 73273                          |                               |
| e - Journals      | NA  | NA   | NA  | NA                             |                               |

|  |  |    |    |       |  |
|--|--|----|----|-------|--|
| e - Books  | NA   | NA | NA | NA    |  |
| e - ShodhSindhu  | NA   | NA | NA | NA    |  |
| Shodhganga   | NA   | NA | NA | NA    |  |
| Database   | DELNET - 19470 Rs<br>(Shared with<br>STES, Central Library,<br>Pune), K- Hub, Sky<br>Board | NA | NA | 19470 |  |
| Local and /or<br>Remote access<br>to e -<br>resources(Specific<br>y) | NA   | NA | NA | NA    |  |

#### 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 | Total Number of students for B. Arch | Ratio of computer: student |
|---------------------------------------|--------------------------------------|----------------------------|
| 128                                   | 715                                  | 1:6                        |

| Total Number of computers for M. Arch | Total Number of students for M. Arch | Ratio of computer: student |
|---------------------------------------|--------------------------------------|----------------------------|
| M. Arch. AC- 13                       | 29                                   | 1:2.5                      |
| M. Arch. CA- 13                       | 22                                   | 1:1.7                      |

#### 4.3.3 Bandwidth of Internet Connection = 16MBPS (For SCOA) = 250 MBPS (For STES)

#### 4.4.1 Expenditure Incurred on Infrastructure on physical and academic support facilities

| Year    | Budget allocated for infrastructure augmentation | Expenditure for infrastructure augmentation | Total expenditure excluding Salary | Expenditure on maintenance of academic facilities (excluding salary for human resources) | Expenditure on maintenance of physical facilities (excluding salary for human resources) |
|---------|--|---|------------------------------------|--|--|
| 2020-21 | Budget did not happen due to covid -19           |   |                                    |  |  |

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.

Established system for maintenance

Laboratory: all six labs are maintained by admin staff and faculty coordinators adding new equipments, schedule of using etc.

Library: Department and SCOA library section in central library is under the main and assistant librarians, for maintaining stack, reading hall, issue of books, purchasing of new books

sports complex: Estate office in the campus maintain all common facilities

Computers: Computer Technical assistant looks into the maintenance of computers, buying and renewing software, repair of all ICT equipments, internet & wifi etc.

Classrooms: Studios and classrooms are maintained in terms of cleanliness regularly and furniture and equipments. LAN and wifi connections are provided

4 Categories: SCOA and STES is fulfilling the physical facilities norms mentioned by COA

1. physical facilities
2. Library as a Learning Resource - E-content contributed by SCOA teachers in this year
3. IT infrastructure - improved in the year for better online teaching learning
4. Maintenance of Campus Infrastructure
  - Improvement for Library online access for footfall counting on website

Campus infrastructure- for social cause in Covid-19 pandemic situation and recognised in all local newspapers as hostels used for quarantining centre

Currently,

- cricket ground is used by local people for playing
- Campus by local people for walking, playing, exercising in the morning
- dental college and hospital serving people

### Criterion V: Student Support & Progression (Grade Qualifier)

5.1.1. Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.2 Number of students benefited by scholarships and free ships provided by the Government / Non-government during the year 2020-21

| scholarships and free ships by Govt. agencies                 |  |                |          |
|---|--|----------------|----------|
| Year  | Name of schemes: scholarships and free ships | No of students | Rs.      |
| 2020-21   | EBC (Rajershee Shahu Maharaj Scheme)         | 352            | 24219311 |
|   | Minority                                     |                |          |
|   | FreeShip (Samaj Kalyan)                      |                |          |
|   | Scholarship (Samaj Kalyan)                   |                |          |
| Freeship by Non-government or international scholarships – NA |  |                |          |

5.1.3. Capacity building and skills enhancement initiatives taken by the institution

- Soft skills
- Language and communication skills
- Life skills (Yoga, physical fitness, health and hygiene)
- ICT/computing skills

Options: All of the above

|   | Name of the capability enhancement program | Date of implementation    | Number of students enrolled | Name of the agencies/consultants involved with contact details (if any) |
|---|--|---------------------------|-----------------------------|---|
| 1 | 'How to Festival 2.0'                      | 6, 13, 20 and 27 Feb 2020 | 30                          | LOCATOR   |
| 2 | Soft Skill                                 | 18th Feb                  | 34                          | Lecture on Technical  |

|   |                                      |                    |         |  |
|---|--------------------------------------|--------------------|---------|--|
|   | Development                          | 2020               |         | communication by Ar. Niketa Patil  |
| 3 | Marathi Bhasha Divas                 | 20th February 2020 | 58      | Workshop on celebrating our mother tongue Marathi language. Students and faculty performed various activities like Singing songs, reciting poems, Enacting plays                     |
| 4 | Vachan Prerna Din online             | 15th October 2020  | 35 + 23 | On the birthday of Dr. Abdul.J.Kalam, on behalf of SPPU, SCOA organized a small session of book Reading,   |
| 5 | Computing skills                     | 15th October 2020  | 50      | An online workshop for introducing MS teams to faculty was conducted   |
|   | Personal Counselling & Mentoring     | 2020-21            | 54      | Dr. Banani Banerjee, Dr. P. N. Chitale, Prof. Manjusha Gokhale, Prof. Kalpana Hadap, Dr. Vaishali Latkar, Ar. Priti Dhanwat, Dr. Smita Suryavanshi and all Year coordinating faculty |
|   | Guidance for Competitive Examination | 2020-21            | 94      | Dr. Vaishali Latkar and Dr. Smita Suryavanshi, from SCOA, were invited as guest speakers in another academy, and students from SCOA also participated.                               |

5.1.4. Number of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the year

|  |  |  |  |
|--|--|--|--|
| Name of the Activity conducted by the HEI to offer guidance for competitive examinations offered by the institution during the last five years |  | Name of the Activity conducted by the HEI to offer guidance for career counselling offered by the institution during the last five years |  |
| Name of the Activity   | Number of students attended / participated | Details of career counselling  | Number of students attended / participated |
| GATE TO SUCCESS – Guidance for competitive examination   | 32   | MASTER STROKE – Everything about Architectural Masters   | 25   |
|  |  | GATE TO SUCCESS – Guidance for competitive examination   | 32   |

5.1.5. The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases.

- Implementation of guidelines of statutory/regulatory bodies
- Organization wide awareness and undertakings on policies with zero tolerance
- Mechanisms for submission of online/offline students' grievances
- Timely redressal of the grievances through appropriate committees

Options:

A. All of the above

Implementation of guidelines: UGC, State government, SPPU rules strictly followed and grievances addressed by committees like Internal Complaint Committee, Grievance

committee for Women, Anti Ragging Committee, Minority cell, OBC committee and SC/ST committee for the welfare of students and redressal of any grievance.

Awareness in students : from admission stage , in orientation programs of first year, Parents and students are made aware of policies. Each parent and each student signs the 'code of conduct', which clearly mentions the zero tolerance for any sexual harassment cases. Anti-ragging committee includes teams of faculty and students for guiding freshers in case of need. In 2020-21, online methods adapted

Mechanism of submission of grievances: 'complaint boxes' kept in each floor, for students to drop their complaints. Every weekend, the box is opened in front of Principal in presence of Asst. Registrar and the complaints are read aloud. Then based on the type of complaint, the particular committee is called and involved in the redressal process. However, in this year, due to online classes, students have not put up anything in the complaint box. However, there were issues like 'internet issues in remote places', 'laptop configurations necessary for online classes', which were solved by discussion with faculty and Principal ma'am in the Parent Teacher Meeting conducted online.

Timely redressal: issues are resolved in 4-5 working days. Even in case of the online teaching learning method, when students were facing issues, they were solved instantly.

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

|                              | Working | Practicing |            |
|------------------------------|---------|------------|------------|
| B.Arch                       | 59      | 74         | Out of 136 |
|                              | Working | Practicing |            |
| B.Arch                       | 59      | 74         | Out of 136 |
|                              | Working | Practicing |            |
| M.Arch Computer Applications | 5       | 3          | Out of 8   |

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

|           | In India | Abroad |
|-----------|----------|--------|
| B.Arch    | 3        | 1      |
|           | In India | Abroad |
| M.Arch AC | -        | -      |
|           | In India | Abroad |
| M.Arch CA | -        | -      |

#### 5.2.3. Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

|                                   | GATE | IELTS     |
|-----------------------------------|------|-----------|
| B.Arch                            | 2    | 2         |
|                                   | GRE  | Any other |
| M.Arch Architectural Conservation | -    | -         |
| M.Arch Computer Applications      | -    | -         |

#### 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.

| Number of awards in sports and cultural events/competitions in which students of the Institution participated |  |                    |                           |                               |
|---|--|--------------------|---------------------------|-------------------------------|
|   | Event/ competition                           | Student name, year | Place & date              | Award – rank                  |
| Cultural  |  |                    |                           |                               |
| 1   | Miss. Punyachi Maharani                      | Renuka Waghmare    | Pune, 15th December, 2020 | Winner & Best Ramp Walk       |
| 2   | VLCC Miss. MAHARASHTRA 2021                  | Renuka Waghmare    | Pune, 7th March, 2021     | Winner                        |
| Sports  |  |                    |                           |                               |
| 1   | Roller Skating competition at district level | Sameeksha Godse    | 7th February 2021         | 2nd rank, won 2 silver medals |

5.3.2. Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )-

Student council at 3 levels:

SPPU level Students Council: Under SDO, all activities of SPPU conducted online as Marathi Vachan diwas, Bhasha diwas, Integrity pledge, etc.

STES level Sinhgad Students Council (SSC): SCOA represents in the committee which organise annual mega events as carnival, Heon cultural, Sports, Dandiya etc., but due to pandemic this year no activities were conducted.

SCOA level SUSAMWAD committee: since many years for academic, co-curricular, extra-curricular and administrative activities for students. The members are elected by the students of the institute and represent in various co-curricular and extra-curricular portfolios along with teachers. This year few online solo competitions are planned after Term I of SPPU exam

Proposed online activities in April:

Cultural: Solo Dance, Solo Singing, Monologue, Elocution, Musical instrument

Farewell of outgoing B.Arch and M Arch batches

Sports: Chess

5.4.1. There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services.

5.4.2. Alumni contribution during the year (INR in Lakhs)

Established in 2004, Registered in 2018

The objectives:

- To continue lifelong bond
- To support "Placement Cell"
- To guide present students for higher education
- To grant scholarships / awards /other monetary, impart knowledge to juniors

Contribution this year :

- Alumni appointed as external examiners, jury members
- conducted webinar for career guidance and conducted special lectures
- Donated books and e-books to the library

| Alumni 2020-21 |                                |                       |
|----------------|--------------------------------|-----------------------|
| Department     | No. of registration in 2020-21 | Contribution in lakhs |
|                |                                |                       |

|                                      |     |             |
|--------------------------------------|-----|-------------|
| B.Arch.                              | 138 | Rs. 2250.00 |
| M.Arch. (Computer Applications)      | 9   |             |
| M.Arch. (Architectural Conservation) | 8   |             |

## 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

Describe the vision and mission statement of the institution on the nature of governance, perspective plans and participation of the teachers in the decision making bodies of the institution within a maximum of 200 words

Governance: STES level:

- budget, faculty and staff appointment, salary, purchase
- planned by various committees of college represented by faculty and proposed to management for approval

SCOA level:

- Vision & mission: long-term and short-term goals
- governance: five / 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

VISION:

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

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 activities & extra-curricular activities

### 6.1.2. The effective leadership is visible in various institutional practices such as decentralization and participative management.

case study: institutional practice of decentralization and participative management for

- Annual Budget
- Preparation of Budget
- Bottom-up approach
- Each faculty and staff provide the requirements under Sub-Committees
- Finance Committee: Budget, Audit
- Purchase Equipment Committee
- Staff Selection Committee
- Building Committee
- Finance staff procures minimum 3 quotations and makes the proposals to principal for approval
- Budget is prepared and proposed for approval to the management
- All expenditures are made as per Budget
- Internal and external audit carried out annually

### 6.2.1. The institutional Strategic/ perspective plan is effectively deployed

One activity successfully implemented showing institutional Strategic/ perspective plan is effectively deployed

Online teaching-learning strategy during pandemic

E-Module development

- Subject wise team of faculty formed
- All modules uploaded in SCOA library website

E-learning methods worked out



- regular online class meetings, PTA
  - Circulating notices in WA
  - Google MCQ, Studio discussions, lecture, etc.
- Online platform development in Google meet for
- submission of sessional, practice test
  - Evaluation (Monthly, Mid-Sem, End Sem)
- Regular review with faculty for
- Identification of lacunae
  - Corrective & Improvement measures
  - Keeping records of above

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.

Efficient and effective functioning of the institutional bodies as College Development Committee, IQAC and Internal Academic and sub-committees  
Through relevant policies and administrative setup by appointment of competent members, regular review meeting setting up agenda and actions taken as per the decisions in the meetings and monitoring implementation service rules of STES strictly followed in terms of appointment of faculty and staff and for other aspects as leave, deputation, salary, promotion & increment, etc.

Organogram:

STES

- President, Secretary, VP (Admin), VP (HR)
- Management representatives
- SCOA: Principal
  1. Academic: HODs, DC, Faculty
  2. Administration: Asst Registrar, Finance Dept, Technical, Library, Students section, Exam, Contingency staff

### 6.2.3. Implementation of e-governance in areas of operation

| E-Governance area      | Type of software       | Used for   |
|------------------------|------------------------|--|
| Administration         | STES login             | Staff appraisal                                  |
| Finance and accounting | Tally                  | Accounts   |
|                        | PayWhiz                | Salary calculations                              |
| Students support       | Sinhgad institutes app | -Online admission<br>-Fee payment                |
|                        | Google meet            | For PTA, online classes, Mock viva               |
|                        | Microsoft team         | online classes, Individual students login        |
| Examination            | What'sapp              | Parents group, students class group              |
|                        | SPPU portal            | online Theory examination , Online marks filling |

6.3.1. The institution has effective welfare measures for teaching and non- teaching staff  
Provide the list of existing welfare measures for teaching and non- teaching staff

- Salary, Increment
- Sixth pay scale salary & DA as per norms
- Promotion: for the eligible and deserving candidates
- Empowerment
- Provision for Qualification Improvement: encourage to pursue higher studies
- Motivation and sponsoring to faculty and staff for participating QIP, FDP
- Providing duty leaves for attending workshops, seminars and conferences
- Welfare
  - Provident Fund (PF) for Non-teaching staff
  - Group Insurance Scheme (GIS)

- Employee Mutual Benevolent Fund (EMBF)
- Accidental Insurance
- Paid Maternity leave for six months, extended maternity leave
- Earned leaves for non-teaching staff
- 70 days Summer and Winter vacation for faculty
- 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

| Sr. No. | Name of faculty     | Topic   | Dates  | Organizer  |
|---------|---------------------|---|--|--|
| 1       | Ar. Priyanka Chavan | Climate responsive settlement planning                        | 23 <sup>rd</sup> to 27 <sup>th</sup> June 2020     | Tulsiramji Gaikwad Patil college of Architecture                   |
| 2       | Ar. Asmita kale     | TERRAIN 2020 – rediscovering Urban Landscape                  | 27 <sup>th</sup> July to 1 <sup>st</sup> July 2020 | School of architecture, Ramaiah institute of technology, Bangalore |
| 3       | Ar. Asmita kale     | Heritage stories –rediscovering karnataka’s cultural heritage | 23 <sup>rd</sup> & 24 <sup>th</sup> July 2020      | REVA University  |
| 4       | Ar. Avani Topkar    | “Literature Search”   | 11 <sup>th</sup> March 2021                        | Centre for Publication ethics Savitribai Phule Pune university     |
| 5       | Ar. Adity Mahajan   | “Literature Search”   | 11 <sup>th</sup> March 2021                        | Centre for Publication ethics Savitribai Phule Pune university     |

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

| Sr.No. | Date       | Titles of the professional development program organized for teaching staff | Titles of the professional development program organized for non-teaching staff | Participant details                   | No. Of Participants |
|--------|------------|---|---|---------------------------------------|---------------------|
| 1.     | 01.06.2020 | Online guidance session to use Google meet and classroom online Platform    |   | All B.Arch and M.Arch Faculty         | 40                  |
| 2.     | 15.10.2020 | Online guidance session to use Microsoft Team online Platform               |   | All B.Arch and M.Arch Faculty         | 40                  |
| 3.     | 11.12.2020 | Online guidance session (Orientation program for ADP)                       |   | For Final Year ADP Guides & Co-Guides | 35                  |
| 4.     | 11.09.2020 |   | Training for implementation of  | Accounts staff and                    | 16                  |

|    |            |  |  |   |    |
|----|------------|--|--|---|----|
|    |            |  | new payroll software   | Administration staff                    |    |
| 5. | 16.10.2020 |  | New method of gathering various information requirement of the corporate office. | Accounts staff and Administration staff | 16 |

#### 6.3.4. Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year

| Sr.No | Name of the teachers who attended | Titles of the program  | Duration (From -to)      |
|-------|-----------------------------------|--|--------------------------|
| 1.    | Ar. Pallavi Patil                 | “Parenting Education - We and Our Children                             | 20.06. 2020              |
|       |                                   | “Hospital Design   | 29 .06.2020              |
|       |                                   | THE GREEN THREAD   | 6.06.2020                |
| 2.    | Ar. Niketa Patil                  | How to write a research paper  | 18.07.2020               |
|       |                                   | ‘COVID-19’ Pandemic General Awareness Quiz                             | 06.06.2020               |
| 3.    | Ar. Priyanka Chavan               | Climate responsive settlement planning                                 | 23.06.2020- 27.06.2020   |
|       |                                   | D.R.O.P. -Research methodology   | 09.07.2020 to 14.07.2020 |
| 4.    | Ar. Asmita Kale                   | TERRAIN 2020_Registration Form "Rediscovering Urban Landscape".        | 27.07.2020-31.07.2020.   |
|       |                                   | Heritage Stories-Rediscovering, Karnataka's cultural heritage          | 23.07.2020 - 25.07.2020  |
|       |                                   | "Effectiveness of Traditional knowledge System In Disaster Management" | 23.11.2020 - 24.11.2020  |
|       |                                   | Research paper formulation and process                                 | 19.09.2020               |

#### 6.3.5. Institutions Performance Appraisal System for teaching and non-teaching staff Describe the functioning status of the Performance Appraisal System for teaching and non-teaching staff within a maximum of 200 word

- Annual Appraisal
  - Base for Continuation of service, promotion of post and Increment in salary by the management for both teaching and non-teaching staff
  - Hierarchical system:
    - Self-Appraisal of staff
    - HOD (for teaching) / Asst. Registrar (for Non-teaching)
    - Principal
    - Management HRD Section
  - Appraisal criterion as Faculty: online
    - Experience & qualifications as per norms
    - Students' feedback
    - Research contribution & skill up-gradation
    - Involvement in organizational work
  - Appraisal criterion as Supporting Staff : paper-based (offline)
    - Continuous education / skill up-gradation
    - Behavioral aspects
    - Regularity and punctuality

#### 6.4.1. Institution conducts internal and external financial audits regularly

Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections.

##### Internal Audit

- Internal auditor of STES review all financial aspects as budget, expenditure as per rule of STES
- All their queries, objections immediately sorted instantly with the help of finance dept

##### External audit

- External auditor appointed by STES for making balance sheet, IT return etc. after each financial year
- All queries are resolved by the auditor whenever required

#### 6.4.2. Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

Need to work on generation of funds.

#### 6.4.3. Institutional strategies for mobilization of funds and the optimal utilization of resources

Resource of fund: tuition fees of students

Mobilization policy for allotment of fund as per decisions of authority and requirements for

- Salaries & remuneration
- Infrastructure for Internet requirement
- Fees paid to statutory authorities
- Library
- Co & extra-curricular activities
- Staff Welfare and FDP
- Maintenance

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

IQAC contribution & initiatives for quality assurance strategies and processes

Practice 1: Online teaching-learning process development with quality

- E-content – subject wise module development by faculty teams
- E-platform: Trial session for teachers (Google meet and Microsoft Teams)
- E-learning methods: Mock viva & jury, studio Discussion, Evaluation (Monthly, Mid-Sem, End Sem), group discussion, seminar, quizPPT presentation, assignments and projects based on e-market surveys, research
- Adequate infrastructure for online teaching-learning

Practice 2: Publication cell

- Students Research (Shodhaganga) Publication
- Virtual Study tour report publication

Value-added course publication

#### 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.

First Cycle: 2012-13 to 2018-19

- Example 1: Teaching- learning strategy formation for quality enhancement
  - Academic calendar
  - Session Plan, Lesson Plan, progressive Evaluation
  - Remedial measures: PTA, mentor, extra classes, practice test etc.
- Example 2: All-round development of students to nurture quality of students
  - Co & Extra-curricular activities planned holistically in Academic calendar
  - Susamwad

Second cycle (post accreditation): 2019-20 to 2023-24

- Example 1: incremental improvement of teaching-learning strategy
  - Inclusive for backlog students to complete their course
  - Online methods
- Example 2: value added courses for students
  - To increase employability

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  
Collaborative quality initiatives with other institution(s)

| IQAC meeting | Minutes (main)  | Used for improvement   |
|--------------|---|--|
| 26.12.19     | 1. Feedback<br>2. alumni  | 1. Feedback taken from all stakeholders, analyzed and suggestions considered<br>2. Alumni programs conducted |
| 13.3.20      | 1. Value added course<br>2. Site visit formalities<br>3. MOU & collaborations | 1. VAC 3 courses conducted<br>2. No site visit during pandemic<br>3. 2 new MOUs made                         |
| 12.10.20     | 1. Long- and short-term policies  | 1. Long- and short-term policies made as per vision and mission and implementation process started           |

6.5.3. Collaborative quality initiatives with other institution(s)

| Sr. No. | Collaborative quality initiatives with other institution - 20-21 | Online   |
|---------|--|--|
| 1       | SKNCOA   | Lecture series for Final year students<br>-Selection of Topic<br>-Site analysis and Site planning  |
| 2.      | SKNCOA   | For fourth year design -Hospital design<br>Shrimati Kashibai Navale College of Architecture, Pune<br>Guidance for Microsoft Team software for teaching |

## Criterion VII: Institutional Values & Best Practices

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the year.  
Specific facilities provided for women in terms of:

- Safety and security of the students is taken care of. CCTV installations in campus.
- Counseling cabin present in the institute. Currently due to pandemic situation not used this year.
- Common Rooms – facility provided in the institute.

7.1.2 Facilities for alternate sources of energy and energy conservation

- Solar energy
- Biogas plant
- Wheeling to the Grid
- Sensor-based energy conservation
- Use of LED bulbs/ power efficient equipment

Option C: (geo tagged photographs will be provided)

Solar energy: Solar panels installed on all the hostel roofs in campus.

Use of LED bulbs is promoted to save energy.

### 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 segregated. PMS vehicle daily visits the campus for the same purpose.

Liquid waste management: STP provided at campus level for treatment of grey water.

Biomedical waste management: Separate bio waste collection van visits the dental institute for collection of bio waste.

E-waste management: Contribution of institute towards drive initiated by Prof. Shastri of Engineering college for collection of e-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:

1. Rain water harvesting
2. Bore well/ open well recharge
3. Construction of tanks and bunds.
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus.

Option B : ( geo tagged photographs will be given)

1. Rain water harvesting: Practiced at hostel next to Matrix college in the campus.
2. Bore wells: available at two places Near shivneri hostel and cricket play ground in the campus
3. Maintenance of water bodies and distribution system in the campus: Pump house, filtration plant present on campus.

### 7.1.5 Green campus initiatives

1. Restricted entry of automobiles.
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. landscaping with trees and plants

Option A: (geo tagged photographs will be given)

1. Restricted entry of automobiles: Campus level parking spaces have been identified. Beyond those spaces vehicular movement is restricted.
2. Pedestrian Friendly pathways: Pathways provided all over campus along the roads for the safety of pedestrians.
3. Ban on use of Plastic: Promote ban on use of plastic. Awareness created by paintings done the compound walls of campus.
4. 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

Option C: (geo tagged photographs and required reports will be given)

Energy audit: Institute to undertake an energy audit of the building from the IGBC certified faculties. (Proposal under consideration)

Beyond the campus environmental promotional activities: Posters made by students to spread environment al awareness.

### 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 Navratri and Ganpati festival at campus level. This year due to pandemic situation could not be celebrated.

Regional and linguistic diversities: Celebration of days such as Marathi bhasah divas to promote the mother tongue “ Marathi” and create awareness about the language. Celebration

of “ Vachan Prerna divas” in the memory of former president of India. Abdul Kalam Sir. This program promoted the importance of reading with special focus on Marathi language .

Pledge day when all the staff took the pledge of integrity and honest working towards the Nobel profession.

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

Lecture conducted by the master’s department on the “constitution of India” for the students of Post-Graduation courses. This lecture made the students aware of their rights, duties and responsibilities of being citizen of India.

Anti-plagiarism software available for students to practice ethical research and technical writing. Students are made aware of the ethics in research writing.

Oath ceremony: this ceremony is carried out for the first year students when they get enrolled for the course. They take the oath of being integrated towards their profession and follow the practice of architecture ethically.

Tree plantation drive: To spread awareness of importance of tree plantation and follow green practices this event is conducted every year.

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

Option B: (reports of the same will be given)

1. The Code of Conduct is displayed on the website
2. There is a committee to monitor adherence to the Code of Conduct : Grievance committee present in institute for the students.
3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff. : Plagiarism awareness lecture conducted by Library of institute for staff and students.

Pledge day observed when all the staff and administrative staff took pledge for ethical code of conduct.

7.1.11 Celebration of national and international commemorative days, events and festivals

26th January republic day celebration done at ground on campus. Due to pandemic situation only the heads of the institutes participated in the event.

15<sup>th</sup> August Independence day Celebration done at ground in the campus. All the staff and administrative staff are present for the flag hoisting and program thereafter.

7.2.1. Best practice: Exhibition of the students work.

Every year annual exhibition of the students best work is held at institute level.

Academic excellence and various other skills of students is displayed through the exhibition. A theme is proposed and followed for the complete exhibition to create awareness in the people.

This year due to pandemic situation exhibition could not be held

Proposed an online exhibition of the best works of all students. Exhibition to be uploaded in website and flier to be given in social media pages of SCOA

7.2.2. Best practice: Virtual study tour

1. Title of the Practice: Virtual study tour
2. Objectives of the Practice: this year due to COVID 19 pandemic situation, virtual study tours are formulated for First to Fourth Year B.Arch. These study tours are linked with Architectural Design Projects, as students design in context progressively from smaller settlements in First year to high order urban areas in fourth year.
3. The Context: places of virtual Study tours are linked with Architectural Design Projects
4. The Practice - Faculty and students of each class decided the place and studied based on secondary resources available in internet, so that the students get exposure of various places and would be equipped to design in varied physical and socio-cultural context.
5. Evidence of Success: Each class has prepared a study tour report and the same has been compiled and published in the form of a book.

6. Problems Encountered and Resources Required: This being first time for such an endeavor it was difficult for the students and teachers to search authentic data and good sources for information.

First year virtual study tour would be conducted after Sem I exam

7.3.1. Portray the performance of the Institution in one area distinctive to its priority and thrust

SCOA always given utmost priority to systematic teaching-learning methods and methodical documentation. NAAC proved to be substantiating to this mission by complying all criterion meticulously

Strength & weakness

During pandemic, the strength of the institute became very apparent and dominant as

1. Solidarity of faculty and staff
2. Positive attitude
3. Non-compromising on quality education attitude of teachers in online method
4. Availability of all infrastructure
5. Extension of support for society

### **Plan of Action Criterion wise:**

Criterion 1:

- Feedback to be collected, summery and action taken report to be prepared.

Criterion 2:

- Mentor- mentee report format to be revised; data to be collected in new format.
- Transparent and robust of internal assessment to be documented.
- SSS forms to be revised; suiting the online learning process.

Criterion 3:

- MOU with law college and medical college to be initiated
- Conference to be organised

Criterion 4:

- To study/ adopt a methodology that will help in tracking usage of library online.

Criterion 5:

- Online sports and cultural events to be executed.
- Yoga session to be planned

Criterion 6:

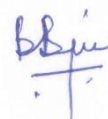
- External Academic Audit to be conducted

Criterion 7:

- Environment and Energy Audits to be done
- Information on disabled-friendly, barrier free environment to be added in the college brochure.
- Committee monitoring Code of conduct to formed.
- Online students' exhibition to be conducted.



Ar. Priyanka Chavan  
(IQAC Coordinator)



Dr. Banani Banerjee  
(Principal)