YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution   SHARADCHANDRA PAWAR COLLEGE OF ENGINEERING

- Name of the Head of the institution   Prof. Dr. Kharat Govindrao Ukandrao

- Designation   Principal

- Does the institution function from its own campus?   Yes

- Phone no./Alternate phone no.   02132264925

- Mobile no   9665172353

- Registered e-mail   principalspcoe09@gmail.com

- Alternate e-mail   gukharat@gmail.com

- Address   at- Dumbarwadi Po-Khamundi Tal-Junnar

- City/Town   Pune

- State/UT   maharastra

- Pin Code   410504

2.Institutional status

- Affiliated /Constituent   Affiliated

- Type of Institution   Co-education

- Location   Rural

- Financial Status   **Self-financing**

- Name of the Affiliating University   **Savitribai Phule Pune University Pune**

- Name of the IQAC Coordinator   **Prof. Rahul S. Bansode**

- Phone No.   **02132239202**

- Alternate phone No.   **02132239202**

- Mobile   **9970957573**

- IQAC e-mail address   **principalspcoe09@gmail.com**

- Alternate Email address   **rahulbansodespcoe@gmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year)   http://spcoe.in/wp-content/uploads/2022/03/AQAR-Report-2019-20-SPCOE.pdf

4.Whether Academic Calendar prepared during the year?   **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: http://spcoe.in/academic-calendar/

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B**	**2.31**	**2018**	**30/11/2018**	**29/11/2023**

6.Date of Establishment of IQAC   **01/06/2017**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
0	**0**	**0**	**0**	**0**

8.Whether composition of IQAC as per latest NAAC guidelines   **Yes**

- Upload latest notification of formation of IQAC   View File

9.No. of IQAC meetings held during the year   2

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?   No

- If No, please upload the minutes of the meeting(s) and Action Taken Report   View File

10.Whether IQAC received funding from any of the funding agency to support its activities during the year?   No

- If yes, mention the amount

11.Significant contributions made by IQAC during the current year (maximum five bullets)

• Use of Online Platform to take Lecture and Examination in Covid19 pandemic and Webinar on guidance for the competitive Examination. • Provisions for staff training: Staff training programs for the use of online platforms. • Enhancements in industrial collaborations: MOU's with different organizations and industries have been signed for training, placements and internships. • Provision of free access to coursera, Udemy and NPTEL for students and faculties to upgrade their skills. • First private dedicated covid care health Centre is started in the college building so that patients from rural place get benefit and not required to go to Pune for treatment.

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
It is decided to take subscription of online lecture platform.	**Great Learning Platform used to take online lecture, attendance and Examination.**
It is decided to use sodium hypochlorite & alcohole based hand sanitizer in campus. It is decided to make mask compulsory in campus.	**Alcohol based hand sanitizer made available for students and staff at college gate as well as in class rooms. Sodium hypochlorite is used to sanitize college campus.**
It is decided to arrange vaccination camp for College staff. Also Decided motivate Students for Vaccination.	**It is decided to arrange vaccination camp for College staff. Also Decided motivate Students for Vaccination.**
It is decided to take students feedback twice in the year as usual, analyze and implement it.	**Feedback is collected from stakeholders in due time and analyzed and appropriate action is taken.**

13.Whether the AQAR was placed before statutory body?   **No**

- Name of the statutory body

Name	Date of meeting(s)
Nil	**Nil**

14.Whether institutional data submitted to AISHE

Part A
Data of the Institution

1.Name of the Institution	SHARADCHANDRA PAWAR COLLEGE OF ENGINEERING
• Name of the Head of the institution	Prof. Dr. Kharat Govindrao Ukandrao
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• Location	Rural
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• Name of the IQAC Coordinator	**Prof. Rahul S. Bansode**
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13.Whether the AQAR was placed before statutory body?	No

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020-21	22/01/2022

15.Multidisciplinary / interdisciplinary

Nil

16.Academic bank of credits (ABC):

Nil

17.Skill development:

Nil	
18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)	
Nil	
19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):	
Nil	
20.Distance education/online education:	
Nil	

Extended Profile

1.Programme

1.1	**139**
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	**286**
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded

2.2	**102**
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	**62**
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	**29**
Number of full time teachers during the year	

File Description	Documents
Data Template	No File Uploaded

3.2	**29**
Number of sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution

4.1	**11**
Total number of Classrooms and Seminar halls	

4.2	**16373615.69**
Total expenditure excluding salary during the year (INR in lakhs)	

4.3	**220**
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

- ○ **The curriculum is designed & framed by the Board of Studies (BoS) of the Savitribai Phule Pune University.**
- ○ **The institute follows the curriculum designed by the affiliated University.**
- ○ **For effective implementation and execution of curriculum in**

pandemic situation meeting of Principal with all faculties are arranged.

- All heads of departments prepare academic calendars in line with the academic calendar of the university.
- The Heads of Departments conduct the meetings to distribute workload, allot subjects, plan the activities of the department, and review the completed syllabus.
- The Principal monitors the effective implementation of the Calendar through formal meetings with Heads of Departments and if necessary informal discussions with faculty.
- The Time Table is prepared by respective departments. The Time Tables are displayed on the Notice Board and also uploaded on the college website.
- Course file is prepared by every faculty member at the beginning of the academic year.
- The college encourages the faculty to participate in Orientation and Refresher courses to update their knowledge of the subject.
- Social sites such as YOUTUBE, Whatsapp, etc. are used for sharing information in effective teaching. Each Department maintains a Department Library.
- The college collects and analyses the feedback from the faculty, students, alumni, Employers.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

- The college follows the Academic calendar issued by the University and Commisionerate of Collegiate Education (CCE) and executes it rigorously.
- All departments prepared academic calendars taking into consideration the declared calendar of the affiliating university.
- The Principal monitors the effective implementation of the Calendar through formal meetings with Heads of Departments and if necessary informal discussions with faculty
- The academic calendars help faculty members to plan their

respective course delivery research work academic and co-curricular activities.
- Department heads closely supervise and monitor the completion of the syllabus as per the lesson plan prepared by faculty members.
- The institutional level CIE adheres to various reforms which include the two internal assessments is taken apart from these two units tests are held for the students.
- Internal Assessment tests (IA), assignments, quizzes, and seminars are part of the Continuous Internal Evaluation (CIE) of students.
- The internal assessment test timetable prepared by the examination committee is published to stakeholders and conducted as per the schedule.
- Post IA tests, evaluation of answer scripts, and calculation of CO-PO/PSO attainment are carried out by respective Course Instructors
- Continuous evaluation and assessments are also done for a laboratory courses, project work, seminars, and internships.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://spcoe.in/academic-calendar/

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

C. Any 2 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

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

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

3

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

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

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

00

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	No File Uploaded

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

48

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

The Institute has made all efforts to build a healthier and harmonious working environment with respect to issues related to Gender, Environment and Sustainability, Human values, and Professional Ethics in the curriculum.

- **To prevent sexual harassment at the workplace and to empower the women employees, the Institute has constituted 1) Women Grievance Committee 2) Student grievance cell 3) Anti-ragging Committee, to create a healthier environment for lady faculties and girl students.**
- **Students of both genders holistically participate in various curricular activities organized in the Institute.**
- **Every year, the Institute organizes Nirbhay Kanya Abhiyan karyashala to develop a critical mind, self-confidence, and commitment to society. The lady students are given training in health, law, and social activities.**
- **Students are given ample opportunity to learn about the climate change and potential hazards of climate change through environmental studies subject as audit course.**
- **The Institute is organizing various extension programs through NSS unit to create awareness among the rural community with respect to ecological balance and its importance. Students are motivated to take up projects related to environmental issues to overcome the identified problems.**
- **The Institute regularly organizes birth anniversaries of great personalities, National & State festivals, etc. to boost morality and awareness among the staff & students**

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

10

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

206

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://spcoe.in/stakeholder-feedback/
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

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

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	[View File](#)
URL for feedback report	https://spcoe.in/staff-apprisal/

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

110

File Description	Documents
Any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

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 (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

49

File Description	Documents
Any additional information	[View File](#)
Number of seats filled against seats reserved (Data Template)	[View File](#)

2.2 - Catering to Student Diversity

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

The Institution assesses the learning level of students based on marks they secured in the preceding examination and their response in the classroom.

For Advance Learners the approaches adopted are as follows:-

1. Encouragement for participation in intra-college and inter-college, University level cultural, sports competitions and paper presentation, seminars, etc.
2. Extra book issuing facility on demand.
3. Incentives for attending seminars and workshops.
4. Counseling for competitive examinations and higher studies.
5. Motivate for NPTEL Courses.
6. Motivation for industrials training programs.

For Slow Learners the approaches adopted are as follows:-

1. Organizing remedial and makeup classes.
2. Communicating the weaker students on their area of weakness and Remedies.
3. Teachers available beyond class hours to counsel the weaker students.
4. Motivation by providing additional learning material such as text books, solved question papers from previous exams.
5. Monitoring the progress of students through written assignments, oral responses and progress record in written class test.
6. Soft skill sessions for improvement of their vocal and written ability.

File Description	Documents
Paste link for additional information	https://spcoe.in/slow-learner-fast-learner/
Upload any additional information	View File

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

Number of Students	Number of Teachers
286	29

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem

solving methodologies are used for enhancing learning experiences

Learning is made more student- centric by motivating students beyond scope of theoretical knowledge. The various learning methods like workshops, seminars, case study based research projects with publication in various National and International Journals and publications, internships, NPTEL Videos, Animated PPTs, etc. have been adopted.

The Lecture delivering method is predominantly used for meeting the course objective. For numeric subject, tutorials are added.

To keep the students industry ready, special training programs are organized.

The students are also encouraged to take up industry related projects under the supervisions of the Project Guide.

Students were motivated for higher studies, Government Jobs to enhance their practical ability.

The college provides all the possible support such as:

- **Open Access Library**
- **Facility to download e-resources**
- **Interactive projectors and smart boards**
- **Fully Wi-Fi Campus**
- **Industrial Training**

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://spcoe.in/enhance-learning/

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The role of Information and communication technologies (ICT) in teaching learning process ensures that students play an active role in learning Process. During pandemic education has changed dramatically, with the distinctive rise in e-learning. The integration of computers and communications i.e. Information and communication technology (ICT) offers unprecedented opportunities

to the education systems with its capacity to interact over a wide geographic area.

The following tools are used by the Institute-

1. Projectors – Projectors are available in different classrooms/labs.
2. Desktop – Arranged at computer lab and faculty cabins all over the campus.
3. Printers – They are installed at labs, HOD cabins and all prominent places.
4. Seminar Halls – One seminar halls is equipped with all digital Facilities.
5. Online classes and video Conferencing through Great learning, zoom, Google Meet, Microsoft Team applications.
6. MOOCs Platform (NPTL)
7. Digital Library Resources are also available
8. Video conferencing – Students are counseled with the help of Zoom / Google meet applications.
9. Online Test – Faculties prepare online test through quiz for students for In-sem examination with the help of Google Forms.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

27

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

29

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

2

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

5

File Description	Documents
Any additional information	**No File Uploaded**
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	[View File](#)

2.5 - Evaluation Process and Reforms

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

The institute being affiliated to savitribai Phule University, the internal assessment are planned as per the Academic calendar and assessment tools are designed based on the structure and syllabus prescribed by affiliating SPPU.

Continuous student assessment is done on the basis of given assignment, their response in tutorials, project seminar Presentations and Practical during Academics.

To make the students aware of question pattern, question banks are provided to the students at the end of each unit during classes.

In the pandemic year 2020-21 the In-sem MCQ based examination were conducted online through Google form on Google classroom and Google Meet. Marks obtained by the students were conveyed to them.

During this Academic year, due to the pandemic, MCQ Tests, Unit tests, Assignments, Presentation, mock orals and tutorials were conducted online with the help of various Platforms.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://spcoe.in/internal-assessment/

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

Institution has well defined mechanism to solve the grievances related to internal Examination. Grievance regarding evaluation is dealt with two levels-

At College Level:

Grievance regarding incomplete data in Question paper, Wrong setting of Questions, evaluation of college exams, Internal Assessment and test papers if raised that will be solved by the concerned subject teachers. If not solve by subject teacher then it will be solve by HOD. If grievance still persist then it will be dealt by college Examination Officer (CEO). Due to medical or any genuine reason, if a student fails to appear internal Assessment, the reassessment is scheduled against his/her Application.

At University Level:

Grievance regarding university level has to be raised independently by students, then after it will be monitored and solved by the college examination Officer (CEO).

File Description	Documents
Any additional information	**No File Uploaded**
Link for additional information	**Nil**

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Program outcomes (POs), Programs Specifics Outcomes (PSOs) and Course outcomes (COs) for all programs offered by the institution are listed, Developed and displayed through:

- **Institutional Website**
- **Induction Programs**
- **Digital Display Boards in all Corridors of Departments**
- **Department Notice Boards/ Lab manuals.**
- **Awareness about COs, POs and PSOs are made to students by the faculty at the beginning of the semester and through orientation programs.**
- **Parent Meet.**
- **Alumni Meetings.**

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	https://spcoe.in/cos-and-pos-comp-etc-mech/
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Institute has a well-defined Mechanism for Po & Co attainment. Each course contains a set of COs & evaluation Criteria that must be met.

Co attainment levels were divided in two parts.

External Assessment (80 % weightage) = Includes University In-sem, End-sem, oral / Practical / TW Examination.

Internal Assessment (20% Weightage) = Includes Students continuous Assessment for practical's, class, MCQ, tests, Assignments, problem solving, seminar & project presentations

The attainment of co is computed by setting. The class average marks as a target.

The courses are classified based on their difficulty level (Strong, Medium, low).

These levels are determined based on the previous Academic year university result of student. These levels for every course should be analyzed by respective department faculties & offers ways to improve it.

The process of PO attainment is done by Direct & Indirect attainment:

1) Direct Attainment (80% weightage):- It includes Co attainment of all courses (Theory, practical &TW)

2) In direct attainment (20% weightage): It includes attainment of Co-curricular & extra -curricular Activities, Alumni feedback, program exit survey.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	**Nil**

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

61

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<u>View File</u>
Upload any additional information	<u>View File</u>
Paste link for the annual report	**Nil**

2.7 - Student Satisfaction Survey

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)

<u>https://spcoe.in/sss/</u>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0.36233

File Description	Documents
Any additional information	**No File Uploaded**
e-copies of the grant award letters for sponsored research projects /endowments	<u>View File</u>
List of endowments / projects with details of grants(Data Template)	<u>View File</u>

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

1

File Description	Documents
Any additional information	<u>View File</u>
Institutional data in prescribed format	<u>View File</u>

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

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

1

File Description	Documents
List of research projects and funding details (Data Template)	<u>View File</u>
Any additional information	**No File Uploaded**
Supporting document from Funding Agency	<u>View File</u>
Paste link to funding agency website	<u>www.caprihansindia.com www.renewenergy.in shreeshyneshwarent@gmail.com</u>

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

To instill the essence and principles of invention among faculty and students, the college has a well-recognized Academic Monitoring Committee. Through this the college motivates, nurture, technical temper, critical thinking and creativity for the transformation of knowledge by the various activities.

To inspire faculty members and young students by supporting them to work with new concepts and renovate them into models, various schemes for emerging projects, filing patents and copyrights. In count to regular curriculum various other activities are encouraged, field visits, useful workshops, curriculum delivery by experts, seminars, collaborative activities with the industries, professional societies and other research organizations.

To gain the direction from experts for novelty, the college has MoU with more industries. Faculties are provided with financial assistance and motivation to improve their skills. Rewards in terms of appreciation are made by the college. College has 64+ faculty research publications during the year. Faculties are participated in seminar, workshop, FDP, NPTEL Courses.

For faculties and young students' college arrange various activities in college like organize workshops, hands on training for exposure to latest technologies, annual publication of college magazine, to help students for sponsor projects in Industry, High performance computing laboratory to solve complex engineering simulation problems.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://spcoe.in/innovation-ecosystem/

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

7

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0

File Description	Documents
URL to the research page on HEI website	**Nil**
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	**No File Uploaded**
Any additional information	**No File Uploaded**

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

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

59

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

6

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

The college organizes various extension activities to make the students aware of the community essentials along with the neighborhood community. The students are actively participates in societal activities prominent to their overall development. The college runs effectually National Service Scheme. Through NSS several activities were carried out by NSS volunteers addressing societal issues which include cleanliness, Environmental awareness, Women empowerment, Aids awareness, Yoga Day, National equality awareness, celebrating Ganesh festival, Shiv Jayanti, Marathi Bhashya Din, Covid Care Centre, Covid 19 awareness program etc. It aims to develop emerging potentials of leadership, patriotism, maintaining discipline, the ideal of self service in the students.

Other than NSS, Our departments is influencing the students into responsible citizens of the our country by making awareness in social issues through various lectures on Environmental Awareness, Personal Health and Hygiene, Knowledge of Indian constitution, Tree Plantation, Plastic eradication etc. Our students are participates in a various activities like National Festivals, Blood camp and we make them socially responsible and sensitive to facilitate him in the holistic development.

All these activities have positive impact on the students; it established public relationship, made responsiveness among them, built leadership ability, self-confidence, enlightening hidden personality among them.

File Description	Documents
Paste link for additional information	https://spcoe.in/extension-activities/
Upload any additional information	View File

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

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	No File Uploaded

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

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

10

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in

collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

747

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

11

File Description	Documents
e-copies of related Document	View File
Any additional information	**No File Uploaded**
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

9

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	[View File](#)
Any additional information	**No File Uploaded**
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	[View File](#)

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Institute has an infrastructure in line with AICTE norms. The Institute has planned and constructed the infrastructure which facilitates the curricular and co-curricular activities. All the departments are fully equipped with the necessary infrastructure to meet the requirements such as adequate class rooms, seminar halls, tutorial rooms, laboratories and sufficient space for hosting all academic activities. The practical's are performed as per syllabus designed by SPPU. The college workshop is adequately equipped with various machines such as Lathe machine, Milling machine, Drilling machine etc. E-resources, journals, magazines, Books are available in college library. Library has library management software Vriddhi for maintaining the records. College has seminar halls with ICT facilities. All the laboratories are well equipped with sufficient number of equipment's, computers and other required devices etc.All classrooms are well ventilated as well as specious for conducting theory lectures.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

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

The Institute encourages and provides facilities for students to participate in various extra-curricular activities in order to

build team spirit and leadership qualities. Institute has sport coordinator, cultural coordinator who looks after all the cultural, sports and extracurricular activities in the college.

Sports: The Institute has adequate playground, for several sports such as football, cricket, volleyball, kho-kho, kabaddi.

Games: Students are encouraged to participate in different sports like table tennis, carom and chess.

Yoga: Facility for Yoga is available at the facility block in the college building. The college has provided regular yoga training for staffs and students.

Cultural Activities:

The college has a committee for cultural activities. This committee along with the staff and students of the college organizes an annual cultural function. The aim of such cultural activity is to provide a platform for students to show their talents and organizational skills.

NSS:

Institute has its NSS unit which runs as per the guidelines of the Savitribai Phule Pune University, The NSS unit in the college provides a platform for various social activities such as: Awareness about rural culture. Participating in various Gram Swachchata Abhiyan Camps. Creating social awareness among students.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

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

11

File Description	Documents
Upload any additional information	View File
Paste link for additional information	spcoe.in/ict-tools
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

1.10664

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Institute has the Library Management software "Vriddhi" which is really helpful tool to manage the library functions and makes the operations fast. Library receives the students and staff data from the admin section and this data is further used for maintaing the books transactions done by them. Use of software will help to reduce the paper work to maintain student's records.

Facility

The library automation software helps to keep track of all the existing books. There will be a unique Id for every book along with Bar code which helps in Issue-return functionality. While issuing a book, librarian enters the barcode in Library Management software and an entry is made into the library automation software

for the specific book against the specific student or faculty member. Librarian can define the number of the books which can be issued to a specific student in the library automation software. Daily/monthly/yearly reports can be generated from the library management software.

Name

2020-21

2019-20

2018-19

2017-18

2016-17

Name of the

ILMS software

Vriddhi Software

Vriddhi Software

Vriddhi Software

Vriddhi Software

Vriddhi Software

Nature of

automation

Partial

Partial

Partial

Partial

Partial

Version

2.0

2.0

2.0

2.0

2.0

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	**Nil**

4.2.2 - The institution has subscription for the **A. Any 4 or more of the above** **following e-resources e-journals e- ShodhSindhu Shodhganga Membership e- books Databases Remote access toe-resources**

File Description	Documents
Upload any additional information	[View File](#)
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	[View File](#)

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

19470

File Description	Documents
Any additional information	**No File Uploaded**
Audited statements of accounts	**No File Uploaded**
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<u>View File</u>

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

15

File Description	Documents
Any additional information	<u>View File</u>
Details of library usage by teachers and students	<u>View File</u>

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The summary of all the facilities are provided below:

College has comprehensive IT policy to support and facilitate the teaching, evaluation, research and administrative functions of the College through an supporting environment, providing a wireless, high speed network, secured from intruders, with regular data backup and recovery techniques along with licensed software and servers for better performance and flexibility.

The college IT policy encompasses the following:

• Enforce secure and authenticated accessibility

• Ensure seamless connectivity to all users in the campus

• Support administrative and academic activities of the institution

• Provide accurate and transparent campus management

• Timely back-up and storage systems

Institute has computer and internet facilities In line with AICTE standards, SPPU syllabi and technology upgrade. The institute follows a standard procedure for facility and upgrade. All the Computer system systems are connected to high speed internet via switches and central server. The entire building is connected through centralized server room. Staff & students are provided with Wi-Fi facility.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

4.3.2 - Number of Computers

240

File Description	Documents
Upload any additional information	[View File](#)
List of Computers	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	[View File](#)
Details of available bandwidth of internet connection in the Institution	[View File](#)

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

7.05085

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts	[View File]()
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	[View File]()

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.

Computers and Other Equipments in different Laboratories

- **The college has adequate number of the computers with high speed internet connection and the application software's. System up gradation is carried out according to the requirement of the software.**
- **At the end of every semester stock verification of departmental laboratories is carried out by Staff & respective lab in charge to check out minor, major faults and misplacements of the instruments under the supervision of Head of the department.**
- **Minor and major faults are listed out and maintenance of minor faults is carried out by lab assistants.**
- **Maintenance of Major faults is carried out by the external resources.**
- **Once all maintenance is completed, lab incharge, subject teacher and lab assistants take the demo on the instrument and submit report to HOD.**
- **The sensitive equipment's are covered and stored in cupboard immediately after the use.**

Classroom

- **The maintenance of switches, fans, tube lights and furniture are done on regular basis.**
- **The maintenance of desk and benches is done on regular basis.**

Library

- **At the end of each academic year, the stock verification of books in the library is carried out.**
- **Any queries found are informed to the Principal and issues**

are sorted out.

- **Regular maintenance of books is carried out such as binding of books.**

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	http://spcoe.in/maintainance/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

107

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

260

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

C. 2 of the above

File Description	Documents
Link to Institutional website	www.spcoe.in
Any additional information	**No File Uploaded**
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

92

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

92

File Description	Documents
Any additional information	**No File Uploaded**
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student

A. All of the above

**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**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	**No File Uploaded**
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

27

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	**No File Uploaded**
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

5

File Description	Documents
Upload supporting data for student/alumni	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of student progression to higher education	View File

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)

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

0

File Description	Documents
Upload supporting data for the same	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

5.3.1.1 - 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.

0

06-01-2023 11:05:22

File Description	Documents
e-copies of award letters and certificates	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	[View File](#)

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)

SPCOE objective is global development of the students. From academic year 2011-12, SPCOE has constituted the student council. The primary objective of creating Student Council is to incorporate and accommodate the students from all departments to provide a platform to tackle their creative activities in an integrated manner. The organization objective is to promote cooperative and valuable leadership within student association at the Student council. The student council to keeps students engaged in activities apart from their regular academic work and to network and to showcase their talents. In current academic years, SPCOE students have participated in many seminars, trainings, webinars and many others organized by leading corporates. Most of the committees include student's representation. The student's representatives serve in almost all academic and administrative bodies of the college such as student's council, Anti Ragging Committee, Anti sexual harassment Committee, Training and Placement Cell, NSS, etc.Role of Student Representatives is to disseminate the information from the college administration to all students and maintain conducive and anti-ragging ambiance in hostel and college premises.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

0

File Description	Documents
Report of the event	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	[View File]()

5.4 - Alumni Engagement

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

SPCOE objective is global development of the students. From academic year 2011-12, SPCOE has constituted the student council. The primary objective of creating Student Council is to incorporate and accommodate the students from all departments to provide a platform to tackle their creative activities in an integrated manner. The organization objective is to promote cooperative and valuable leadership within student association at the Student council. The student council to keeps students engaged in activities apart from their regular academic work and to network and to showcase their talents. In current academic years, SPCOE students have participated in many seminars, trainings, webinars and many others organized by leading corporates. Most of the committees include student's representation. The student's representatives serve in almost all academic and administrative bodies of the college such as student's council, Anti Ragging Committee, Anti sexual harassment Committee, Training and Placement Cell, NSS, etc.Role of Student Representatives is to disseminate the information from the college administration to all students and maintain conducive and anti-ragging ambiance in hostel and college premises.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year (INR in Lakhs)   E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Vision and Mission of the Institution

VISION

Our Vision is to equip students with the latest engineering skills and knowledge to successfully meet the challenges posed by globalization

MISSION

We at SPCOE shall strive continuously, To achieve,

- Academic excellence in science,
- Engineering and technology through dedication to duty,
- Innovation in teaching and faith in human values To enable our students to develop into outstanding professionals with high ethical standards to face the challenges of the next millennium To fulfill the expectation of our society by equipping our students to stride forth as resourceful citizens.
- We will achieve this through the sustained team effort, making SPCOE "The Leader of Leaders
- The mission of SPCOE is to advance knowledge and educate students in science, technology, and other areas of scholarship that will best serve the nation and the world in

the 21st century.

- The Institute is committed to generating, disseminating, and preserving knowledge, and to working with others to bring this knowledge to bear on the world's great challenges.
- SPCOE is dedicated to providing its students with an education that combines rigorous academic study and the excitement of discovery with the support and intellectual stimulation of a diverse campus community.

File Description	Documents
Paste link for additional information	http://spcoe.in/our-mission-vision/
Upload any additional information	View File

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

Decentralization is seen as a tool for improving the efficiency of the education system and the quality of educational services. At various levels, the college grooms the leadership. The college works with decentralization practices and participative management at various levels. The governing body, Management, IQAC Members, teaching, non-teaching and supporting staff, student representatives, Alumni, and various committees are mutually empowered to propose, design, formulate and execute their plans within the framework of governance.

IQAC has a well-developed process to ensure quality benchmarks of academic and administrative activities.

Case Study Showing Decentralization and Participative Management:

Teaching Learning Process:-

The following Teaching, Learning and Evaluation schedules are followed in the institute:

1. An Academic Calendar is prepared before the start of the semester taking into consideration the Academic Calendar of the affiliating University.

1. The Academic Calendar consists of the curricular, co-

curricular and extra-curricular activities to be carried out during the semester.

1. The teacher in-charge prepares the teaching plan of the concerned subject in the form of a course file. The course file is prepared before the start of the classes.

1. Teaching and evaluation plans are finalized on the basis of the instructions issued by the affiliating University.

File Description	Documents
Paste link for additional information	http://spcoe.in/governing-body/
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

IQAC

IQAC has made constant efforts to shift from the traditional teacher-centric approach to a student-centric approach. Some of the initiatives taken are:

- NAAC
- Academic Administration Audit Planning
- Training Program for Faculty members
- Webinar Series
- Academic and Administrative Audits
- The National Assessment and Accreditation Council (NAAC) has evolved tools and guidelines for improving the quality of different levels of Higher Education Institutions (HEIs) and for their sustenance. The regular internal and external audits by Internal Quality Assurance Cell (IQAC) ensure the sustenance of proper quality standards in all the academic and administrative activities. The monitoring and evaluation of the institutional processes require a carefully structured system of internal and external review and is done in compliance with NAAC.
- About Academic and Administrative Audit (AAA):
- Both Academic and Administrative Audit (AAA), is very essential to excel in Higher Education. Regular audits are conducted, at least once per semester.
- Academic Audit: - Academic audit helps review the quality of

the academic process in the institution and helps enhance the quality of academic activities in HEIs.

- Administrative Audit: - This includes assessment of policies, strategies & functions of the various administrative departments, control of the overall administrative system, etc.
- Management Review presentations

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://spcoe.in/goals-objectives-strategic-plans/
Upload any additional information	No File Uploaded

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.

The management of the college, Governing Body, Principal, IQAC, AMC, Head of the department, Teaching Staff, Librarian, Office Staff, Establishment Section, Student Section, Account, T&P Cell, and Student Development Cell are the essential components of college organizational structure.

The Governing Body, SPCOE Principal, Heads of Departments, Teaching staff, Non-teaching personnel, and Support cells/Departments are the essential components of the college's organizational structure. It examines the institutional strategic plan, which establishes the institution's academic goals and objectives as well as its financial and recruiting tactics. Several stakeholders of the institute are members of the institution's various committees.

IQAC Cell, Anti-ragging Cell, and another university/government norms are also in existence for the institution. The academic and administrative leadership of the school is provided by a number of committees with well-defined duties. The planning, execution, academic audit, and assessment are all handled by a committee made up of administrative employees and faculty members. Through independent flexibility for departments and a participatory decision-making process, an optimal amount of decentralization is achieved. The recruitment process is in accordance with the norms of the university. Regular student feedback on improving the

quality of the Teaching and Learning process is taken twice a year for timely corrections.

File Description	Documents
Paste link for additional information	http://spcoe.in/about-us/
Link to Organogram of the institution webpage	http://spcoe.in/goals-objectives-strategic-plans/
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	**No File Uploaded**
Screen shots of user inter faces	View File
Any additional information	**No File Uploaded**
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Welfare measures for teaching staff:

- **Salary as per norms**
- **Permission to staff for higher education**
- **Admission towards faculty on a priority basis**
- **Free transportation to all faculty members.**
- **The faculty is honored with an incentive in the form of cash for various distinguished merit activities in the field of academics and research.**
- **Sabbatical leaves will be sanctioned with full pay to the teaching staff for attending FDP/Workshop/Conferences.**
- **Maternity leave.**

- **Appreciation for the faculty member for outstanding work.**

Research And Development Incentives for Teaching Staff

- **Sanction OD for presenting papers in conferences and workshops in other establishments at least once in the semester.**
- **Sanction TA and DA for outstation conferences in deserved cases.**
- **Allow faculty to attend conferences and workshops to acquire knowledge on advanced topics at least once in the semester, by sanctioning OD.**

Welfare Measures for Non-Teaching Staff

- **Salary as per norms**
- **Permission to staff for higher education**
- **Admission towards staff on a priority basis**
- **Uniform is provided for supporting staff.**
- **Maternity, vacation is sanctioned for the required staff.**
- **Free transportation to all faculty members.**
- **Appreciation for the faculty member for good work.**

File Description	Documents
Paste link for additional information	http://spcoe.in/transportation/
Upload any additional information	**No File Uploaded**

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

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

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

6

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

91

File Description	Documents
IQAC report summary	**No File Uploaded**
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	[View File](#)
Details of teachers attending professional development programmes during the year (Data Template)	[View File](#)

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

Performance Appraisal System for teaching staff

It is based on mainly three categories

1. Teaching, learning, and evaluation-related activities

a. Lectures, tutorials, practical hours

b. Lectures or other teaching duties

c. Preparation and imparting of knowledge. Use of participatory and innovative methodologies used

e. Examination Duties

2. Professional development, co-curricular, and extension activities

a. Student-related co-curricular extension and field-based activities

b. Contribution to management of the department and institution

c. Professional development activities.

3. Research and Academic Contribution

a. Research papers published in refereed journals, journals, and conference proceedings

b. Training courses and conferences/seminar/workshop

Student satisfaction is given the most important at the Institute and hence it is a part of the faculty appraisal system. The feedback helps to review and improve the quality of the teaching-learning processes and measure the effectiveness of course design and delivery.

Performance Appraisal System of Non-Teaching Staff:

Every non-teaching staff also fills out a self-appraisal form at the end of the academic year. The self-appraisal is first reviewed by the Head of the Department for Technical staff and by the registrar for the administrative staff and then by the Principal. The self-appraisal reports with recommendations are then sent

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

6.4 - Financial Management and Resource Mobilization

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 within a maximum of 200 words

The institution conducts internal and external financial audits regularly. Internal and external auditors are appointed by the SGMSPM Society. The internal audit is carried out in each half of the financial year while an external audit is done once a year. The last audit for the year 2020-21 has been carried out by an internal Auditor in Mr. Manoj Paliwal and an External Audit by Mr. Deepak Sasar.

External Audit Report- Balance in current liabilities is subject to confirmation, reconciliation, and adjustments, if any, required. Fixed assets are stated at written down value instead of at gross value and the accumulated depreciation.

They have not pointed out any weakness in the internal control system. They have stated in their report that proper books of accounts have been kept by the Society and expressed the opinion that the financial statements give a true and fair view in conformity with the accounting principles on the Balance Sheet and

Income & Expenditure Account.

Internal control procedures and systems, particularly in respect of purchase transactions, reconciliation of exam fees, and timely settlement of advances have scope for improvement. The necessary instructions have been given to the concerned for compliance with the remarks given by auditors.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

5509473

File Description	Documents
Annual statements of accounts	View File
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

SPCOE college is a self-financing private institute. It has a well-defined financial policy that ensures optimal utilization of finances for academic, administrative, and research activities. The institute is being run with self-sufficient funds generated from tuition fees and other miscellaneous incomes. In case of a shortage of funds, the management supports by providing the finance.

In case activities like expansion and renovation of the building, the management always supports by providing required finance. Financial planning is done at the beginning of the academic year well in advance with efficient budgeting involving all the Heads

of Academic Departments and Administrative Sections. Apart from the tuition fee, the resource mobilization is mainly done through

- Sponsorship

- Funds from University for NSS Activities

- Sale of Application Forms

The management reviews all the financial activities through scrutiny of budgets and expenses every year. Through centralized purchase, the funds are monitored and utilized in an effective manner.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

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

Counseling facility for students

The College has the system of allotting a faculty member as a mentor for each student. Mentoring process, the mentor helps with both personal as well as professional inconveniences for students. The mentor makes an effort to know and understand the goals and interests of a student to advance the educational and personal growth of the student. Guidance to parents and personalized counseling to the students are provided by the Mentor. Mentor-Mentee provisions a practiced on a priority basis in the Institution. Mentoring records are maintained for each study including both personal and academic files.

To explore the students the industrial environment through online webinars, in-plant training, and internships.

The college has organized webinars for the students to explore industrial activities and motivates them to attend webinars to enhance their knowledge and exposure to industrial development. IQAC encourages students and faculty members to actively participate in research activities and attend online conferences

and workshops and motivates them to publish research papers in UGC-approved journals. IQAC has made MOU with "YAZAKI INDIA PVT." whole for placements and internships. The pool campus is conducted and 426 students from different colleges are in this pool campus.

File Description	Documents
Paste link for additional information	https://spcoe.in/mous/
Upload any additional information	View File

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

The improvements based on feedback implemented are:

A)IQAC periodically reviews the teaching-learning process, structures & methodologies of operations, and learning outcomes:

The standard methods of teaching, learning, and evaluation that are proven over the years are being followed.

Academic Calendar: Based on the University Academic Calendar the Institute schedules the academic calendar.

Preparation of lesson plan for each Semester: The lesson plan is prepared by the faculty members for all the subjects they teach in that particular semester. Enriching the curriculum with guest lectures, industrial visits, and Internships

Daily lecture Record: Every dayfaculty prepare the record.

Student learning outcomes: The institute monitors the performance of the students regularly. It has a specified procedure to collect and analyze data on student learning outcomes.

Effective internal examination and evaluation systems: Institute maintains an effective internal examination and evaluation system.

Students' result analysis: If the result of the students, in a subject, is not satisfactory then necessary steps are taken.

B. IQAC performs an academic audit at the conclusion of each academic year, reviewing and recording achievement levels and

suggesting various actions for gradual improvement.

File Description	Documents
Paste link for additional information	https://spcoe.in/academic
Upload any additional information	View File

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) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://spcoe.in/aqar/
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	**No File Uploaded**
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

- **The institute promotes gender sensitivity through various initiatives and actions for creating safe, secure and healthy atmosphere in the campus. Events relating to gender equity promotion are carried out throughout the year in the campus. The institute has constituted various committees with senior female faculty/staff member's viz. Anti-Ragging Committee, Women Grievance Cell, Student Grievance Cell. Counseling of girl as well as boy students is conducted in a regular manner by the faculty members of the above mentioned**

Committees. Separate Common rooms for boys and girls with basic facilities exist in the College. Security cameras are installed for safety and security of everyone in and around the campus. The college has a well-defined student counseling system. A Student counseling committee is constituted to monitor the student counseling process.Each faculty has 10 to 15 students to mentoring. Students meet their mentors for any grievances- regarding gender related issues if any, personal problems, general issues, lack of facilities, academics etc. The Institute aims to help provide gender equity by conducting awareness programmes on women's empowerment and gender sensitivity, but due to Covid 19 Pandemic we celebrate Women's Day in the presence of all Faculty members in college.

File Description	Documents
Annual gender sensitization action plan	https://spcoe.in/wp-content/uploads/2022/06/Annual-gender-sensitization-action-plan.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://spcoe.in/wp-content/uploads/2022/06/Specific-facilities-provided-for-women.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures   Solar energy Biogas plant Wheeling to the Grid   Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The institute has successfully adopted a well-developed waste

Management system for greater efficiency and sustainability.

1. Solid Waste Management: Solid Waste generated from our institute is segregated into organic waste and inorganic waste collected and processed separately. The vegetable waste and left over waste from the hostel and canteen is segregated into bio-degradable and non-bio degradable waste. The bio-degradable waste is put into a pit and left to ferment which will be used later as fertilizer to plants in the campus. The non-bio degradable waste is placed into dustbins which are further collected by the grampanchayat authorities. 2) Liquid waste Management: Waste-water is used in the gardening process. Rainwater harvesting is also used in the garden & field 3) E-Waste Management: The electronic waste stored separately& handed to the retailer for recycling. 4) Hazardous waste Management: Hazardous chemical from the chemistry lab is collected and deposed at predefined safe location. 5) Waste Recycling System: The waste material such as newspaper, cardboard and steel are collected and handed over to recycling party.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus   B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

1. **Restricted entry of automobiles**
2. **Use of bicycles/ Battery-powered vehicles**
3. **Pedestrian-friendly pathways**
4. **Ban on use of plastic**
5. **Landscaping**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	**No File Uploaded**
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	**No File Uploaded**
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and

C. Any 2 of the above

facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information :
Human assistance, reader, scribe, soft copies of reading material, screen   reading

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Policy documents and information brochures on the support to be provided	**No File Uploaded**
Details of the Software procured for providing the assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

Institution provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Different sports and cultural activities organized inside the college promote harmony towards each other.

- **While taking classes professors ensure that classroom discussions are to the expected level of respectability to all and encouraging all to participate.**
- **Engineers Day celebrated in college with teaching & non-Teaching staff to tribute to the great engineer sir M.Visvesvaraya on his birth anniversary. Some regional festivals like Ganpati Festival celebrated in the college in the presence of teaching & non-teaching staff. This establishes positive interaction among people of different racial and cultural backgrounds. Due to covid 19 pandemic local students only participated in these events. There are different grievance cells in the institute like Anti-Ragging Committee, Women Grievance Cell, and Student Grievance Cell which deal with grievances without considering anyone's racial or cultural background. Covid-19 Awareness Program under NSS held during COVID -19 Pandemic. To create awareness and educate the students, faculty, staff regarding**

preventive intervention techniques that would help in reducing the transmission of the disease.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)
Any other relevant information	**No File Uploaded**

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

- **Our institution takes all possible initiatives by conducting several events and programmes for strengthening the students, teaching and non-teaching staff to become more responsible citizen's country by sensitizing them to the constitution of the country.1) Visit to Disable Student Vidyalaya: Our Institute arranges the lunch for the disabled student of Avani Vidyalaya at Murbad location; also give the photo frame of Shivaji Maharaj to that school to always encourage and motivate to all disable students. 2) Vigilance Awareness Week: Institute organize Vigilance Awareness Week program under NSS to encourage all stakeholders to collectively participate in the prevention of, and the fight against corruption and to raise public awareness regarding the existence, causes and gravity of and the threat posed by corruption. It is driven by the Central Vigilance Commission. 3) Independence Day were celebrated on 15th August with great enthusiasm and pride by hoisting flags physically to highlights struggle of freedom and the importance of Indian constitution. The celebration is attended by teaching and non-teaching Staff. 4) Chhatrapati Shivaji Maharaj Jayanti was also celebrated in college with faculty member and some student. Due to Covid-19 Local Students and staff celebrated this jayanti in college premises with full of enthusiasm.**

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://spcoe.in/human-values-professional-ethics/
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

B. Any 3 of the above

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The institution believes that events and festivals should be celebrated as it is an important aspect of learning and instilling in students a strong sense of cultural identity.International Women's Day: 8 March, 2020 International Women's Day is a time to reflect on progress made, to call for change and to celebrate acts of courage and determination by ordinary women.International Yoga Day-21 June 2020 Spreading growth, development and peace throughout the world. Making people aware of physical and mental illnesses and providing solutions through yoga.SPCOE encourages

yoga activities andorganizes an online program on Yoga and its significance to students and Faculty Members. Marathi language day is celebrated every year on February 27.But due to Covid 19 Pandemic institute organize online essay competition to college students & nearby college's student. Select five students from them & give the prize to that student through online.World Environment Day was celebrated by faculty members with planting the trees in college campus & due to Covid Pandemic students planting the trees at home, garden, colony & in common area of village andcity. Ganesh Festival was also celebrated with a full of energy in the presence of college teaching, non-teaching faculty members.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Title of Practice: Financial Assistance Scheme for students

Objective:To enable student access to higher education by providing funds and financial guidance.

The Context:

The college has provided financial support to financially weaker sections and backward class students.

The Practice:

Late shri Vilas Tambe scholarship is provided to all the needy students admitted in the institute. To needy students, institute provides free accommodation and canteen facilities.

Evidence of Success:-

1. Late shri Vilas Tambe scholarship is awarded to total 260 students for Rs 5374473/-

Title of Practice: COVID care health center at college to help rural people.

Objective:

- To start Covid-19 care health center with oxygen & ICU beds.

The Context:

The main moto of starting Covid care center at college was to control spreading of covid-19 by treating infected patient at this center.

The Practice:

Our secretory made a group of doctors from otur and started the Covid center at our institute. Instantly we got permission for 20 bed hospital.

Evidence of Success:

Vighnhar Covid care health center was treated about 305 corona patients in pandemic

Problems encountered and resources required:

- Infrastructural changes were required at the time of starting of Covid care center.

Note- Detail Information is attached with link.

File Description	Documents
Best practices in the Institutional website	https://spcoe.in/year-2020-21/
Any other relevant information	https://spcoe.in/wp-content/uploads/2022/06/7.2.1_Relevant-Information.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Building moral values and social responsibilities in the students and staff member are the part and parcel of the philosophy of the nation and its educational system. Love, affection, faith, caring for each other, satisfaction is disappearing from life. To solve social issue the first step is to impart moral values in the students and staff member. Daily one hour lecture on Bhagwatgita slok in Sanskrit, meaning and interpretation is conducted. In turn session on Smarth Dasbodh chintan and santh Tukaram Gatha with hidden meaning is conducted in college.

Farming is profession of majority of people in India. Due to fertilizers, chemical and insecticides used by the farmers varies diseases spread in the society. Through lecture students is mode familiar with zero budget farming without using any chemical, fertilizers and insecticides. A concept of "panchgavya chikitsa and treatment is introduced to the students. Different in house audit subjects like 1) Swastha- Rahasya 2) Ashtang Hrudayam and Ashtang Sangraham 3) Pranayam and Yogasan 4) Zero budget and Natural Farming 5) Srimad Bhagwat Geeta 6) Dasboth Chintan 7) Sant Sarth Tukaram Gatha 8) Dnyaneshwari-Bhawartha Dipika. Thus a step is taken to incorporate real happiness in the heart of the students and staff members.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

- **The curriculum is designed & framed by the Board of Studies (BoS) of the Savitribai Phule Pune University.**
- **The institute follows the curriculum designed by the affiliated University.**
- **For effective implementation and execution of curriculum in pandemic situation meeting of Principal with all faculties are arranged.**

- **All heads of departments prepare academic calendars in line with the academic calendar of the university.**
- **The Heads of Departments conduct the meetings to distribute workload, allot subjects, plan the activities of the department, and review the completed syllabus.**
- **The Principal monitors the effective implementation of the Calendar through formal meetings with Heads of Departments and if necessary informal discussions with faculty.**
- **The Time Table is prepared by respective departments. The Time Tables are displayed on the Notice Board and also uploaded on the college website.**
- **Course file is prepared by every faculty member at the beginning of the academic year.**
- **The college encourages the faculty to participate in Orientation and Refresher courses to update their knowledge of the subject.**
- **Social sites such as YOUTUBE, Whatsapp, etc. are used for sharing information in effective teaching. Each Department maintains a Department Library.**
- **The college collects and analyses the feedback from the faculty, students, alumni, Employers.**

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

- The college follows the Academic calendar issued by the University and Commisionerate of Collegiate Education (CCE) and executes it rigorously.
- All departments prepared academic calendars taking into consideration the declared calendar of the affiliating university.
- The Principal monitors the effective implementation of the Calendar through formal meetings with Heads of Departments and if necessary informal discussions with faculty
- The academic calendars help faculty members to plan their respective course delivery research work academic and co-curricular activities.
- Department heads closely supervise and monitor the completion of the syllabus as per the lesson plan prepared by faculty members.
- The institutional level CIE adheres to various reforms which include the two internal assessments is taken apart from these two units tests are held for the students.
- Internal Assessment tests (IA), assignments, quizzes, and seminars are part of the Continuous Internal Evaluation (CIE) of students.
- The internal assessment test timetable prepared by the examination committee is published to stakeholders and conducted as per the schedule.
- Post IA tests, evaluation of answer scripts, and calculation of CO-PO/PSO attainment are carried out by respective Course Instructors
- Continuous evaluation and assessments are also done for a laboratory courses, project work, seminars, and internships.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://spcoe.in/academic-calendar/

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are	C. Any 2 of the above

represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

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

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

3

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	**No File Uploaded**
Institutional data in prescribed format (Data Template)	View File

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

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

00

File Description	Documents
Any additional information	**No File Uploaded**
Brochure or any other document relating to Add on /Certificate programs	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	**No File Uploaded**

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

48

File Description	Documents
Any additional information	[View File](#)
Details of the students enrolled in Subjects related to certificate/Add-on programs	[View File](#)

1.3 - Curriculum Enrichment

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

The Institute has made all efforts to build a healthier and harmonious working environment with respect to issues related to Gender, Environment and Sustainability, Human values, and Professional Ethics in the curriculum.

- **To prevent sexual harassment at the workplace and to empower the women employees, the Institute has constituted 1) Women Grievance Committee 2) Student grievance cell3) Anti-ragging Committee, to create a healthier environment for lady faculties and girl students.**
- **Students of both genders holistically participate in various curricular activities organized in the Institute.**
- **Every year, the Institute organizes Nirbhay Kanya Abhiyan karyashala to develop a critical mind, self-confidence, and commitment to society. The lady students are given training in health, law, and social activities.**
- **Students are given ample opportunity to learn about the climate change and potential hazards of climate change through environmental studies subject as audit course.**
- **The Institute is organizing various extension programs**

through NSS unit to create awareness among the rural community with respect to ecological balance and its importance. Students are motivated to take up projects related to environmental issues to overcome the identified problems.
- The Institute regularly organizes birth anniversaries of great personalities, National & State festivals, etc. to boost morality and awareness among the staff & students

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

10

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

206

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://spcoe.in/stakeholder-feedback/
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://spcoe.in/staff-apprisal/

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

110

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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 (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

49

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

The Institution assesses the learning level of students based on marks they secured in the preceding examination and their response in the classroom.

For Advance Learners the approaches adopted are as follows:-

1. Encouragement for participation in intra-college and inter-college, University level cultural, sports competitions and paper presentation, seminars, etc.
2. Extra book issuing facility on demand.
3. Incentives for attending seminars and workshops.
4. Counseling for competitive examinations and higher studies.
5. Motivate for NPTEL Courses.
6. Motivation for industrials training programs.

For Slow Learners the approaches adopted are as follows:-

1. Organizing remedial and makeup classes.
2. Communicating the weaker students on their area of weakness and Remedies.
3. Teachers available beyond class hours to counsel the

weaker students.

4. **Motivation by providing additional learning material such as text books, solved question papers from previous exams.**
5. **Monitoring the progress of students through written assignments, oral responses and progress record in written class test.**
6. **Soft skill sessions for improvement of their vocal and written ability.**

File Description	Documents
Paste link for additional information	https://spcoe.in/slow-learner-fast-learner/
Upload any additional information	View File

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

Number of Students	Number of Teachers
286	**29**

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Learning is made more student- centric by motivating students beyond scope of theoretical knowledge. The various learning methods like workshops, seminars, case study based research projects with publication in various National and International Journals and publications, internships, NPTEL Videos, Animated PPTs, etc. have been adopted.

The Lecture delivering method is predominantly used for meeting the course objective. For numeric subject, tutorials are added.

To keep the students industry ready, special training programs are organized.

The students are also encouraged to take up industry related

projects under the supervisions of the Project Guide.

Students were motivated for higher studies, Government Jobs to enhance their practical ability.

The college provides all the possible support such as:

- Open Access Library
- Facility to download e-resources
- Interactive projectors and smart boards
- Fully Wi-Fi Campus
- Industrial Training

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://spcoe.in/enhance-learning/

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The role of Information and communication technologies (ICT) in teaching learning process ensures that students play an active role in learning Process. During pandemic education has changed dramatically, with the distinctive rise in e-learning. The integration of computers and communications i.e. Information and communication technology (ICT) offers unprecedented opportunities to the education systems with its capacity to interact over a wide geographic area.

The following tools are used by the Institute-

1. Projectors – Projectors are available in different classrooms/labs.
2. Desktop – Arranged at computer lab and faculty cabins all over the campus.
3. Printers – They are installed at labs, HOD cabins and all prominent places.
4. Seminar Halls – One seminar halls is equipped with all digital Facilities.
5. Online classes and video Conferencing through Great learning, zoom, Google Meet, Microsoft Team applications.

6. MOOCs Platform (NPTL)
7. Digital Library Resources are also available
8. Video conferencing – Students are counseled with the help of Zoom / Google meet applications.
9. Online Test – Faculties prepare online test through quiz for students for In-sem examination with the help of Google Forms.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

27

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

29

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

2

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

5

File Description	Documents
Any additional information	**No File Uploaded**
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

The institute being affiliated to savitribai Phule Pune University, the internal assessment are planned as per the Academic calendar and assessment tools are designed based on the structure and syllabus prescribed by affiliating SPPU.

Continuous student assessment is done on the basis of given assignment, their response in tutorials, project seminar Presentations and Practical during Academics.

To make the students aware of question pattern, question banks are provided to the students at the end of each unit during classes.

In the pandemic year 2020-21 the In-sem MCQ based examination were conducted online through Google form on Google classroom and Google Meet. Marks obtained by the students were conveyed to them.

During this Academic year, due to the pandemic, MCQ Tests, Unit tests, Assignments, Presentation, mock orals and tutorials were conducted online with the help of various Platforms.

File Description	Documents
Any additional information	[View File]()
Link for additional information	https://spcoe.in/internal-assessment/

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

Institution has well defined mechanism to solve the grievances related to internal Examination. Grievance regarding evaluation is dealt with two levels-

At College Level:

Grievance regarding incomplete data in Question paper, Wrong setting of Questions, evaluation of college exams, Internal Assessment and test papers if raised that will be solved by the concerned subject teachers. If not solve by subject teacher then it will be solve by HOD. If grievance still persist then it will be dealt by college Examination Officer (CEO). Due to medical or any genuine reason, if a student fails to appear internal Assessment, the reassessment is scheduled against his/her Application.

At University Level:

Grievance regarding university level has to be raised independently by students, then after it will be monitored and solved by the college examination Officer (CEO).

File Description	Documents
Any additional information	**No File Uploaded**
Link for additional information	**Nil**

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Program outcomes (POs), Programs Specifics Outcomes (PSOs) and Course outcomes (COs) for all programs offered by the institution are listed, Developed and displayed through:

- **Institutional Website**
- **Induction Programs**
- **Digital Display Boards in all Corridors of Departments**
- **Department Notice Boards/ Lab manuals.**
- **Awareness about COs, POs and PSOs are made to students by the faculty at the beginning of the semester and through orientation programs.**
- **Parent Meet.**
- **Alumni Meetings.**

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	https://spcoe.in/cos-and-pos-comp-etc-mech/
Upload COs for all Programmes (exemplars from Glossary)	[View File](#)

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

Institute has a well-defined Mechanism for Po & Co attainment. Each course contains a set of COs & evaluation Criteria that

must be met.

Co attainment levels were divided in two parts.

External Assessment (80 % weightage) = Includes University In-sem, End-sem, oral / Practical / TW Examination.

Internal Assessment (20% Weightage) = Includes Students continuous Assessment for practical's, class, MCQ, tests, Assignments, problem solving, seminar & project presentations

The attainment of co is computed by setting. The class average marks as a target.

The courses are classified based on their difficulty level (Strong, Medium, low).

These levels are determined based on the previous Academic year university result of student. These levels for every course should be analyzed by respective department faculties & offers ways to improve it.

The process of PO attainment is done by Direct & Indirect attainment:

1) Direct Attainment (80% weightage):- It includes Co attainment of all courses (Theory, practical &TW)

2) In direct attainment (20% weightage): It includes attainment of Co-curricular & extra -curricular Activities, Alumni feedback, program exit survey.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

61

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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)

https://spcoe.in/sss/

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0.36233

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

1

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

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

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	www.caprihansindia.com www.renewenergy.in shreeshyneshwarent@gmail.com

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

To instill the essence and principles of invention among faculty and students, the college has a well-recognized Academic Monitoring Committee. Through this the college motivates, nurture, technical temper, critical thinking and creativity for the transformation of knowledge by the various activities.

To inspire faculty members and young students by supporting them to work with new concepts and renovate them into models, various schemes for emerging projects, filing patents and copyrights. In count to regular curriculum various other activities are encouraged, field visits, useful workshops, curriculum delivery by experts, seminars, collaborative activities with the industries, professional societies and other research organizations.

To gain the direction from experts for novelty, the college has MoU with more industries. Faculties are provided with financial assistance and motivation to improve their skills. Rewards in terms of appreciation are made by the college. College has 64+ faculty research publications during the year. Faculties are participated in seminar, workshop, FDP, NPTEL Courses.

For faculties and young students' college arrange various activities in college like organize workshops, hands on training for exposure to latest technologies, annual publication of college magazine, to help students for sponsor projects in Industry, High performance computing laboratory to solve complex engineering simulation problems.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://spcoe.in/innovation-ecosystem/

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

7

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0

File Description	Documents
URL to the research page on HEI website	**Nil**
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	**No File Uploaded**
Any additional information	**No File Uploaded**

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

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

59

File Description	Documents
Any additional information	[View File](#)
List of research papers by title, author, department, name and year of publication (Data Template)	[View File](#)

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

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

6

File Description	Documents
Any additional information	[View File](#)
List books and chapters edited volumes/ books published (Data Template)	[View File](#)

3.4 - Extension Activities

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

The college organizes various extension activities to make the students aware of the community essentials along with the

neighborhood community. The students are actively participates in societal activities prominent to their overall development. The college runs effectually National Service Scheme. Through NSS several activities were carried out by NSS volunteers addressing societal issues which include cleanliness, Environmental awareness, Women empowerment, Aids awareness, Yoga Day, National equality awareness, celebrating Ganesh festival, Shiv Jayanti, Marathi Bhashya Din, Covid Care Centre, Covid 19 awareness program etc. It aims to develop emerging potentials of leadership, patriotism, maintaining discipline, the ideal of self service in the students.

Other than NSS, Our departments is influencing the students into responsible citizens of the our country by making awareness in social issues through various lectures on Environmental Awareness, Personal Health and Hygiene, Knowledge of Indian constitution, Tree Plantation, Plastic eradication etc. Our students are participates in a various activities like National Festivals, Blood camp and we make them socially responsible and sensitive to facilitate him in the holistic development.

All these activities have positive impact on the students; it established public relationship, made responsiveness among them, built leadership ability, self-confidence, enlightening hidden personality among them.

File Description	Documents
Paste link for additional information	https://spcoe.in/extension-activities/
Upload any additional information	View File

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

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

0

File Description	Documents
Any additional information	**No File Uploaded**
Number of awards for extension activities in last 5 year (Data Template)	[View File]
e-copy of the award letters	**No File Uploaded**

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

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

10

File Description	Documents
Reports of the event organized	[View File]
Any additional information	**No File Uploaded**
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	[View File]

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

747

File Description	Documents
Report of the event	[View File]
Any additional information	**No File Uploaded**
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	[View File]

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

11

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

9

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Institute has an infrastructure in line with AICTE norms. The Institute has planned and constructed the infrastructure which facilitates the curricular and co-curricular activities. All

the departments are fully equipped with the necessary infrastructure to meet the requirements such as adequate class rooms, seminar halls, tutorial rooms, laboratories and sufficient space for hosting all academic activities. The practical's are performed as per syllabus designed by SPPU. The college workshop is adequately equipped with various machines such as Lathe machine, Milling machine, Drilling machine etc. E-resources, journals, magazines, Books are available in college library. Library has library management software Vriddhi for maintaining the records. College has seminar halls with ICT facilities. All the laboratories are well equipped with sufficient number of equipment's, computers and other required devices etc.All classrooms are well ventilated as well as specious for conducting theory lectures.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

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

The Institute encourages and provides facilities for students to participate in various extra-curricular activities in order to build team spirit and leadership qualities. Institute has sport coordinator, cultural coordinator who looks after all the cultural, sports and extracurricular activities in the college.

Sports: The Institute has adequate playground, for several sports such as football, cricket, volleyball, kho-kho, kabaddi.

Games: Students are encouraged to participate in different sports like table tennis, carom and chess.

Yoga: Facility for Yoga is available at the facility block in the college building. The college has provided regular yoga training for staffs and students.

Cultural Activities:

The college has a committee for cultural activities. This committee along with the staff and students of the college organizes an annual cultural function. The aim of such cultural

activity is to provide a platform for students to show their talents and organizational skills.

NSS:

Institute has its NSS unit which runs as per the guidelines of the Savitribai Phule Pune University, The NSS unit in the college provides a platform for various social activities such as: Awareness about rural culture. Participating in various Gram Swachchata Abhiyan Camps. Creating social awareness among students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

11

File Description	Documents
Upload any additional information	View File
Paste link for additional information	spcoe.in/ict-tools
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

1.10664

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload audited utilization statements	[View File](#)
Upload Details of budget allocation, excluding salary during the year (Data Template	[View File](#)

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Institute has the Library Management software "Vriddhi" which is really helpful tool to manage the library functions and makes the operations fast. Library receives the students and staff data from the admin section and this data is further used for maintaing the books transactions done by them. Use of software will help to reduce the paper work to maintain student's records.

Facility

The library automation software helps to keep track of all the existing books. There will be a unique Id for every book along with Bar code which helps in Issue-return functionality. While issuing a book, librarian enters the barcode in Library Management software and an entry is made into the library automation software for the specific book against the specific student or faculty member. Librarian can define the number of the books which can be issued to a specific student in the library automation software. Daily/monthly/yearly reports can be generated from the library management software.

Name

2020-21

2019-20

2018-19

2017-18

2016-17

Name of the

ILMS software

Vriddhi Software

Vriddhi Software

Vriddhi Software

Vriddhi Software

Vriddhi Software

Nature of

automation

Partial

Partial

Partial

Partial

Partial

Version

2.0

2.0

2.0

2.0

2.0

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	**Nil**

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	**A. Any 4 or more of the above**

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

19470

File Description	Documents
Any additional information	**No File Uploaded**
Audited statements of accounts	**No File Uploaded**
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

15

File Description	Documents
Any additional information	[View File](#)
Details of library usage by teachers and students	[View File](#)

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The summary of all the facilities are provided below:

College has comprehensive IT policy to support and facilitate the teaching, evaluation, research and administrative functions of the College through an supporting environment, providing a wireless, high speed network, secured from intruders, with regular data backup and recovery techniques along with licensed software and servers for better performance and flexibility.

The college IT policy encompasses the following:

· Enforce secure and authenticated accessibility

· Ensure seamless connectivity to all users in the campus

· Support administrative and academic activities of the institution

· Provide accurate and transparent campus management

· Timely back-up and storage systems

Institute has computer and internet facilities In line with AICTE standards, SPPU syllabi and technology upgrade. The institute follows a standard procedure for facility and upgrade. All the Computer system systems are connected to high speed internet via switches and central server. The entire building is connected through centralized server room. Staff & students are provided with Wi-Fi facility.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	Nil

4.3.2 - Number of Computers

240

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution	**A. ? 50MBPS**

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

7.05085

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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.

Computers and Other Equipments in different Laboratories

- **The college has adequate number of the computers with**

high speed internet connection and the application software's. System up gradation is carried out according to the requirement of the software.

- At the end of every semester stock verification of departmental laboratories is carried out by Staff & respective lab in charge to check out minor, major faults and misplacements of the instruments under the supervision of Head of the department.
- Minor and major faults are listed out and maintenance of minor faults is carried out by lab assistants.
- Maintenance of Major faults is carried out by the external resources.
- Once all maintenance is completed, lab incharge, subject teacher and lab assistants take the demo on the instrument and submit report to HOD.
- The sensitive equipment's are covered and stored in cupboard immediately after the use.

Classroom

- The maintenance of switches, fans, tube lights and furniture are done on regular basis.
- The maintenance of desk and benches is done on regular basis.

Library

- At the end of each academic year, the stock verification of books in the library is carried out.
- Any queries found are informed to the Principal and issues are sorted out.
- Regular maintenance of books is carried out such as binding of books.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://spcoe.in/maintainance/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

107

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

260

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	**C. 2 of the above**

File Description	Documents
Link to Institutional website	www.spcoe.in
Any additional information	**No File Uploaded**
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

92

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

92

File Description	Documents
Any additional information	**No File Uploaded**
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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	**A. All of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	**No File Uploaded**
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

27

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	**No File Uploaded**
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

5

File Description	Documents
Upload supporting data for student/alumni	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of student progression to higher education	View File

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)

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

0

File Description	Documents
Upload supporting data for the same	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<u>View File</u>

5.3 - Student Participation and Activities

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

5.3.1.1 - 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.

0

File Description	Documents
e-copies of award letters and certificates	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<u>View File</u>

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)

SPCOE objective is global development of the students. From academic year 2011-12, SPCOE has constituted the student

council. The primary objective of creating Student Council is to incorporate and accommodate the students from all departments to provide a platform to tackle their creative activities in an integrated manner. The organization objective is to promote cooperative and valuable leadership within student association at the Student council. The student council to keeps students engaged in activities apart from their regular academic work and to network and to showcase their talents. In current academic years, SPCOE students have participated in many seminars, trainings, webinars and many others organized by leading corporates. Most of the committees include student's representation. The student's representatives serve in almost all academic and administrative bodies of the college such as student's council, Anti Ragging Committee, Anti sexual harassment Committee, Training and Placement Cell, NSS, etc.Role of Student Representatives is to disseminate the information from the college administration to all students and maintain conducive and anti-ragging ambiance in hostel and college premises.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

0

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

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

SPCOE objective is global development of the students. From academic year 2011-12, SPCOE has constituted the student council. The primary objective of creating Student Council is to incorporate and accommodate the students from all departments to provide a platform to tackle their creative activities in an integrated manner. The organization objective is to promote cooperative and valuable leadership within student association at the Student council. The student council to keeps students engaged in activities apart from their regular academic work and to network and to showcase their talents. In current academic years, SPCOE students have participated in many seminars, trainings, webinars and many others organized by leading corporates. Most of the committees include student's representation. The student's representatives serve in almost all academic and administrative bodies of the college such as student's council, Anti Ragging Committee, Anti sexual harassment Committee, Training and Placement Cell, NSS, etc.Role of Student Representatives is to disseminate the information from the college administration to all students and maintain conducive and anti-ragging ambiance in hostel and college premises.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year (INR in Lakhs)	E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Vision and Mission of the Institution

VISION

Our Vision is to equip students with the latest engineering skills and knowledge to successfully meet the challenges posed by globalization

MISSION

We at SPCOE shall strive continuously, To achieve,

- Academic excellence in science,
- Engineering and technology through dedication to duty,
- Innovation in teaching and faith in human values To enable our students to develop into outstanding professionals with high ethical standards to face the challenges of the next millennium To fulfill the expectation of our society by equipping our students to stride forth as resourceful citizens.
- We will achieve this through the sustained team effort, making SPCOE "The Leader of Leaders
- The mission of SPCOE is to advance knowledge and educate students in science, technology, and other areas of scholarship that will best serve the nation and the world in the 21st century.
- The Institute is committed to generating, disseminating, and preserving knowledge, and to working with others to bring this knowledge to bear on the world's great challenges.
- SPCOE is dedicated to providing its students with an education that combines rigorous academic study and the excitement of discovery with the support and intellectual stimulation of a diverse campus community.

File Description	Documents
Paste link for additional information	http://spcoe.in/our-mission-vision/
Upload any additional information	View File

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

Decentralization is seen as a tool for improving the efficiency of the education system and the quality of educational services. At various levels, the college grooms the leadership. The college works with decentralization practices and participative management at various levels. The governing body, Management, IQAC Members, teaching, non-teaching and supporting staff, student representatives, Alumni, and various committees are mutually empowered to propose, design, formulate and execute their plans within the framework of governance.

IQAC has a well-developed process to ensure quality benchmarks of academic and administrative activities.

Case Study Showing Decentralization and Participative Management:

Teaching Learning Process:-

The following Teaching, Learning and Evaluation schedules are followed in the institute:

1. An Academic Calendar is prepared before the start of the semester taking into consideration the Academic Calendar of the affiliating University.

1. The Academic Calendar consists of the curricular, co-curricular and extra-curricular activities to be carried out during the semester.

1. The teacher in-charge prepares the teaching plan of the concerned subject in the form of a course file. The course file is prepared before the start of the classes.

1. Teaching and evaluation plans are finalized on the basis of the instructions issued by the affiliating University.

File Description	Documents
Paste link for additional information	http://spcoe.in/governing-body/
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

IQAC

IQAC has made constant efforts to shift from the traditional teacher-centric approach to a student-centric approach. Some of the initiatives taken are:

- **NAAC**
- **Academic Administration Audit Planning**
- **Training Program for Faculty members**
- **Webinar Series**
- **Academic and Administrative Audits**
- **The National Assessment and Accreditation Council (NAAC) has evolved tools and guidelines for improving the quality of different levels of Higher Education Institutions (HEIs) and for their sustenance. The regular internal and external audits by Internal Quality Assurance Cell (IQAC) ensure the sustenance of proper quality standards in all the academic and administrative activities. The monitoring and evaluation of the institutional processes require a carefully structured system of internal and external review and is done in compliance with NAAC.**
- **About Academic and Administrative Audit (AAA):**
- **Both Academic and Administrative Audit (AAA), is very essential to excel in Higher Education. Regular audits are conducted, at least once per semester.**
- **Academic Audit: - Academic audit helps review the quality of the academic process in the institution and helps enhance the quality of academic activities in HEIs.**
- **Administrative Audit: - This includes assessment of policies, strategies & functions of the various administrative departments, control of the overall administrative system, etc.**
- **Management Review presentations**

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	http://spcoe.in/goals-objectives-strategic-plans/
Upload any additional information	**No File Uploaded**

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.

The management of the college, Governing Body, Principal, IQAC, AMC, Head of the department, Teaching Staff, Librarian, Office Staff, Establishment Section, Student Section, Account, T&P Cell, and Student Development Cell are the essential components of college organizational structure.

The Governing Body, SPCOE Principal, Heads of Departments, Teaching staff, Non-teaching personnel, and Support cells/Departments are the essential components of the college's organizational structure. It examines the institutional strategic plan, which establishes the institution's academic goals and objectives as well as its financial and recruiting tactics. Several stakeholders of the institute are members of the institution's various committees.

IQAC Cell, Anti-ragging Cell, and another university/government norms are also in existence for the institution. The academic and administrative leadership of the school is provided by a number of committees with well-defined duties. The planning, execution, academic audit, and assessment are all handled by a committee made up of administrative employees and faculty members. Through independent flexibility for departments and a participatory decision-making process, an optimal amount of decentralization is achieved. The recruitment process is in accordance with the norms of the university. Regular student feedback on improving the quality of the Teaching and Learning process is taken twice a year for timely corrections.

File Description	Documents
Paste link for additional information	http://spcoe.in/about-us/
Link to Organogram of the institution webpage	http://spcoe.in/goals-objectives-strategic-plans/
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	**No File Uploaded**
Screen shots of user inter faces	[View File](#)
Any additional information	**No File Uploaded**
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	[View File](#)

6.3 - Faculty Empowerment Strategies

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

Welfare measures for teaching staff:

- **Salary as per norms**
- **Permission to staff for higher education**
- **Admission towards faculty on a priority basis**
- **Free transportation to all faculty members.**
- **The faculty is honored with an incentive in the form of cash for various distinguished merit activities in the field of academics and research.**
- **Sabbatical leaves will be sanctioned with full pay to the teaching staff for attending FDP/Workshop/Conferences.**
- **Maternity leave.**
- **Appreciation for the faculty member for outstanding work.**

Research And Development Incentives for Teaching Staff

- **Sanction OD for presenting papers in conferences and workshops in other establishments at least once in the semester.**
- **Sanction TA and DA for outstation conferences in deserved cases.**
- **Allow faculty to attend conferences and workshops to acquire knowledge on advanced topics at least once in the semester, by sanctioning OD.**

Welfare Measures for Non-Teaching Staff

- **Salary as per norms**
- **Permission to staff for higher education**
- **Admission towards staff on a priority basis**

- **Uniform is provided for supporting staff.**
- **Maternity, vacation is sanctioned for the required staff.**
- **Free transportation to all faculty members.**
- **Appreciation for the faculty member for good work.**

File Description	Documents
Paste link for additional information	http://spcoe.in/transportation/
Upload any additional information	**No File Uploaded**

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

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

0

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

6

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

91

File Description	Documents
IQAC report summary	**No File Uploaded**
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Performance Appraisal System for teaching staff

It is based on mainly three categories

1. Teaching, learning, and evaluation-related activities

a. Lectures, tutorials, practical hours

b. Lectures or other teaching duties

c. Preparation and imparting of knowledge. Use of participatory and innovative methodologies used

e. Examination Duties

2. Professional development, co-curricular, and extension activities

a. Student-related co-curricular extension and field-based activities

b. Contribution to management of the department and institution

c. Professional development activities.

3. Research and Academic Contribution

a. Research papers published in refereed journals, journals, and conference proceedings

b. Training courses and conferences/seminar/workshop

Student satisfaction is given the most important at the Institute and hence it is a part of the faculty appraisal system. The feedback helps to review and improve the quality of the teaching-learning processes and measure the effectiveness of course design and delivery.

Performance Appraisal System of Non-Teaching Staff:

Every non-teaching staff also fills out a self-appraisal form at the end of the academic year. The self-appraisal is first reviewed by the Head of the Department for Technical staff and by the registrar for the administrative staff and then by the Principal. The self-appraisal reports with recommendations are then sent

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

6.4 - Financial Management and Resource Mobilization

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 within a maximum of 200 words

The institution conducts internal and external financial audits regularly. Internal and external auditors are appointed by the SGMSPM Society. The internal audit is carried out in each half of the financial year while an external audit is done once a year. The last audit for the year 2020-21 has been carried out by an internal Auditor in Mr. Manoj Paliwal and an External Audit by Mr. Deepak Sasar.

External Audit Report- Balance in current liabilities is subject to confirmation, reconciliation, and adjustments, if any, required. Fixed assets are stated at written down value instead of at gross value and the accumulated depreciation.

They have not pointed out any weakness in the internal control system. They have stated in their report that proper books of accounts have been kept by the Society and expressed the opinion that the financial statements give a true and fair view in conformity with the accounting principles on the Balance Sheet and Income & Expenditure Account.

Internal control procedures and systems, particularly in respect of purchase transactions, reconciliation of exam fees, and timely settlement of advances have scope for improvement. The necessary instructions have been given to the concerned for compliance with the remarks given by auditors.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

5509473

File Description	Documents
Annual statements of accounts	View File
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

SPCOE college is a self-financing private institute. It has a well-defined financial policy that ensures optimal utilization of finances for academic, administrative, and research activities. The institute is being run with self-sufficient funds generated from tuition fees and other miscellaneous incomes. In case of a shortage of funds, the management supports by providing the finance.

In case activities like expansion and renovation of the building, the management always supports by providing required finance. Financial planning is done at the beginning of the academic year well in advance with efficient budgeting involving all the Heads of Academic Departments and Administrative Sections. Apart from the tuition fee, the resource mobilization is mainly done through

- Sponsorship

- Funds from University for NSS Activities

- Sale of Application Forms

The management reviews all the financial activities through scrutiny of budgets and expenses every year. Through centralized purchase, the funds are monitored and utilized in

an effective manner.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

6.5 - Internal Quality Assurance System

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

Counseling facility for students

The College has the system of allotting a faculty member as a mentor for each student. Mentoring process, the mentor helps with both personal as well as professional inconveniences for students. The mentor makes an effort to know and understand the goals and interests of a student to advance the educational and personal growth of the student. Guidance to parents and personalized counseling to the students are provided by the Mentor. Mentor-Mentee provisions a practiced on a priority basis in the Institution. Mentoring records are maintained for each study including both personal and academic files.

To explore the students the industrial environment through online webinars, in-plant training, and internships.

The college has organized webinars for the students to explore industrial activities and motivates them to attend webinars to enhance their knowledge and exposure to industrial development. IQAC encourages students and faculty members to actively participate in research activities and attend online conferences and workshops and motivates them to publish research papers in UGC-approved journals. IQAC has made MOU with "YAZAKI INDIA PVT." whole for placements and internships. The pool campus is conducted and 426 students from different colleges are in this pool campus.

File Description	Documents
Paste link for additional information	https://spcoe.in/mous/
Upload any additional information	View File

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

The improvements based on feedback implemented are:

A)IQAC periodically reviews the teaching-learning process, structures & methodologies of operations, and learning outcomes:

The standard methods of teaching, learning, and evaluation that are proven over the years are being followed.

Academic Calendar: Based on the University Academic Calendar the Institute schedules the academic calendar.

Preparation of lesson plan for each Semester: The lesson plan is prepared by the faculty members for all the subjects they teach in that particular semester. Enriching the curriculum with guest lectures, industrial visits, and Internships

Daily lecture Record: Every dayfaculty prepare the record.

Student learning outcomes: The institute monitors the performance of the students regularly. It has a specified procedure to collect and analyze data on student learning outcomes.

Effective internal examination and evaluation systems: Institute maintains an effective internal examination and evaluation system.

Students' result analysis: If the result of the students, in a subject, is not satisfactory then necessary steps are taken.

B. IQAC performs an academic audit at the conclusion of each academic year, reviewing and recording achievement levels and suggesting various actions for gradual improvement.

File Description	Documents
Paste link for additional information	https://spcoe.in/academic
Upload any additional information	View File

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) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://spcoe.in/aqar/
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

- The institute promotes gender sensitivity through various initiatives and actions for creating safe, secure and healthy atmosphere in the campus. Events relating to gender equity promotion are carried out throughout the year in the campus. The institute has constituted various committees with senior female faculty/staff member's viz. Anti-Ragging Committee, Women Grievance Cell, Student Grievance Cell. Counseling of girl as well as boy students is conducted in a regular manner by the faculty members of the above mentioned Committees. Separate Common rooms for boys and girls with basic facilities exist in the College. Security cameras are installed for safety and security of everyone in and around the campus. The college has a well-defined student counseling system. A Student counseling committee is constituted to monitor the student counseling process.Each faculty has 10 to 15

students to mentoring. Students meet their mentors for any grievances- regarding gender related issues if any, personal problems, general issues, lack of facilities, academics etc. The Institute aims to help provide gender equity by conducting awareness programmes on women's empowerment and gender sensitivity, but due to Covid 19 Pandemic we celebrate Women's Day in the presence of all Faculty members in college.

File Description	Documents
Annual gender sensitization action plan	https://spcoe.in/wp-content/uploads/2022/06/Annual-gender-sensitization-action-plan.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://spcoe.in/wp-content/uploads/2022/06/Specific-facilities-provided-for-women.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	**B. Any 3 of the above**

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The institute has successfully adopted a well-developed waste Management system for greater efficiency and sustainability.

1. **Solid Waste Management: Solid Waste generated from our institute is segregated into organic waste and inorganic waste collected and processed separately. The vegetable**

waste and left over waste from the hostel and canteen is segregated into bio-degradable and non-bio degradable waste. The bio-degradable waste is put into a pit and left to ferment which will be used later as fertilizer to plants in the campus. The non-bio degradable waste is placed into dustbins which are further collected by the grampanchayat authorities. 2) Liquid waste Management: Waste-water is used in the gardening process. Rainwater harvesting is also used in the garden & field 3) E-Waste Management: The electronic waste stored separately& handed to the retailer for recycling. 4) Hazardous waste Management: Hazardous chemical from the chemistry lab is collected and deposed at predefined safe location. 5) Waste Recycling System: The waste material such as newspaper, cardboard and steel are collected and handed over to recycling party.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus | B. Any 3 of the above |

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: | A. Any 4 or All of the above |

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	**No File Uploaded**
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	**A. Any 4 or all of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	**No File Uploaded**
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for	**C. Any 2 of the above**

persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment   5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen   reading

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Policy documents and information brochures on the support to be provided	**No File Uploaded**
Details of the Software procured for providing the assistance	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

Institution provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Different sports and cultural activities organized inside the college promote harmony towards each other.

- **While taking classes professors ensure that classroom discussions are to the expected level of respectability to all and encouraging all to participate.**
- **Engineers Day celebrated in college with teaching & non-Teaching staff to tribute to the great engineer sir M.Visvesvaraya on his birth anniversary. Some regional festivals like Ganpati Festival celebrated in the college in the presence of teaching & non-teaching staff. This establishes positive interaction among people of different racial and cultural backgrounds. Due to covid 19 pandemic local students only participated in these events. There are different grievance cells in the institute like Anti-Ragging Committee, Women Grievance Cell, and Student Grievance Cell which deal with grievances without considering anyone's racial or cultural background. Covid-19 Awareness Program under NSS held during COVID -19 Pandemic. To create awareness and**

educate the students, faculty, staff regarding preventive intervention techniques that would help in reducing the transmission of the disease.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)
Any other relevant information	**No File Uploaded**

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

- ○ **Our institution takes all possible initiatives by conducting several events and programmes for strengthening the students, teaching and non-teaching staff to become more responsible citizen's country by sensitizing them to the constitution of the country.1) Visit to Disable Student Vidyalaya: Our Institute arranges the lunch for the disabled student of Avani Vidyalaya at Murbad location; also give the photo frame of Shivaji Maharaj to that school to always encourage and motivate to all disable students. 2) Vigilance Awareness Week: Institute organize Vigilance Awareness Week program under NSS to encourage all stakeholders to collectively participate in the prevention of, and the fight against corruption and to raise public awareness regarding the existence, causes and gravity of and the threat posed by corruption. It is driven by the Central Vigilance Commission. 3) Independence Day were celebrated on 15th August with great enthusiasm and pride by hoisting flags physically to highlights struggle of freedom and the importance of Indian constitution. The celebration is attended by teaching and non-teaching Staff. 4) Chhatrapati Shivaji Maharaj Jayanti was also celebrated in college with faculty member and some student. Due to Covid-19 Local Students and staff celebrated this jayanti in college premises with full of enthusiasm.**

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://spcoe.in/human-values-professional-ethics/
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized	**B. Any 3 of the above**

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The institution believes that events and festivals should be celebrated as it is an important aspect of learning and instilling in students a strong sense of cultural identity.International Women's Day: 8 March, 2020 International Women's Day is a time to reflect on progress made, to call for change and to celebrate acts of courage and determination by ordinary women.International Yoga Day-21 June 2020 Spreading growth, development and peace throughout the world. Making

people aware of physical and mental illnesses and providing solutions through yoga.SPCOE encourages yoga activities andorganizes an online program on Yoga and its significance to students and Faculty Members. Marathi language day is celebrated every year on February 27.But due to Covid 19 Pandemic institute organize online essay competition to college students & nearby college's student. Select five students from them & give the prize to that student through online.World Environment Day was celebrated by faculty members with planting the trees in college campus & due to Covid Pandemic students planting the trees at home, garden, colony & in common area of village andcity. Ganesh Festival was also celebrated with a full of energy in the presence of college teaching, non-teaching faculty members.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Title of Practice: Financial Assistance Scheme for students

Objective:To enable student access to higher education by providing funds and financial guidance.

The Context:

The college has provided financial support to financially weaker sections and backward class students.

The Practice:

Late shri Vilas Tambe scholarship is provided to all the needy students admitted in the institute. To needy students, institute provides free accommodation and canteen facilities.

Evidence of Success:-

1. Late shri Vilas Tambe scholarship is awarded to total 260 students for Rs 5374473/-

Title of Practice: COVID care health center at college to help rural people.

Objective:

- To start Covid-19 care health center with oxygen & ICU beds.

The Context:

The main moto of starting Covid care center at college was to control spreading of covid-19 by treating infected patient at this center.

The Practice:

Our secretory made a group of doctors from otur and started the Covid center at our institute. Instantly we got permission for 20 bed hospital.

Evidence of Success:

Vighnhar Covid care health center was treated about 305 corona patients in pandemic

Problems encountered and resources required:

- Infrastructural changes were required at the time of starting of Covid care center.

Note- Detail Information is attached with link.

File Description	Documents
Best practices in the Institutional website	https://spcoe.in/year-2020-21/
Any other relevant information	https://spcoe.in/wp-content/uploads/2022/06/7.2.1_Relevant-Information.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Building moral values and social responsibilities in the students and staff member are the part and parcel of the philosophy of the nation and its educational system. Love, affection, faith, caring for each other, satisfaction is disappearing from life. To solve social issue the first step is to impart moral values in the students and staff member. Daily one hour lecture on Bhagwatgita slok in Sanskrit, meaning and interpretation is conducted. In turn session on Smarth Dasbodh chintan and santh Tukaram Gatha with hidden meaning is conducted in college.

Farming is profession of majority of people in India. Due to fertilizers, chemical and insecticides used by the farmers varies diseases spread in the society. Through lecture students is mode familiar with zero budget farming without using any chemical, fertilizers and insecticides. A concept of "panchgavya chikitsa and treatment is introduced to the students. Different in house audit subjects like 1) Swastha-Rahasya 2) Ashtang Hrudayam and Ashtang Sangraham 3) Pranayam and Yogasan 4) Zero budget and Natural Farming 5) Srimad Bhagwat Geeta 6) Dasboth Chintan 7) Sant Sarth Tukaram Gatha 8) Dnyaneshwari-Bhawartha Dipika. Thus a step is taken to incorporate real happiness in the heart of the students and staff members.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

- To increase Placement of student by making Collaboration with Industries.
- To encourage and facilitate Research Culture, to promote Research by students and Faculty.
- To upgrade Library Resources to include digital content, which can be accessed by Students and Faculty.
- Digital Content in the form of Video Lectures, to be made

available to students.

- Significantly increase the number and quality of publications by organizing seminars /FDP on Research Methodology, writing papers etc.
- The institution plans to focus more on Research and Development in the next Academic year by increasing the publications of faculty and also motivating student's community to write research papers.
- To motivate the faculty for higher education, minor & major research projects & to provide more infrastructural facilities.
- Sport facilities & equipment's to be made available in the auditorium for indoor games.