



## YEARLY STATUS REPORT - 2020-2021

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	Shree Ramchandra College of Engineering, Lonikand (Pune)
• Name of the Head of the institution	Prof. Dr. A. D Desai
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02026659999
• Mobile No:	7350670009
• Registered e-mail	srcoepune@gmail.com
• Alternate e-mail	ad.desai711@gmail.com
• Address	Gut No.351 & 333/1 Pune-Nagar Road, Lonikand, Dist: Pune-412216 (M.S)
• City/Town	Pune
• State/UT	Maharashtra
• Pin Code	412216
<b>2.Institutional status</b>	
• Type of Institution	Co-education
• Location	Rural

• Financial Status	<b>Self-financing</b>				
• Name of the Affiliating University	<b>Savitribai Phule Pune University, Pune</b>				
• Name of the IQAC Coordinator	<b>Prof. G. T. Sawant</b>				
• Phone No.	<b>02026659999</b>				
• Alternate phone No.	<b>9923591555</b>				
• Mobile	<b>9604007555</b>				
• IQAC e-mail address	<b>srcoepune@gmail.com</b>				
• Alternate e-mail address	<b>ad.desai711@gmail.com</b>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="http://www.srespune.org/aqar">http://www.srespune.org/aqar</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="http://www.srespune.org/images/Institute%20Academic%20Calendar%20A.Y%2020-21.pdf">http://www.srespune.org/images/Institute Acedemic Calender A.Y 2020-21.pdf</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B</b>	<b>2.48</b>	<b>2017</b>	<b>30/10/2017</b>	<b>29/10/2022</b>
<b>6.Date of Establishment of IQAC</b>			<b>09/01/2017</b>		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
SRES's Shree Ramchandra College of Engg, Lonikand Pune	AICTE grant for STTP's/FDP's under AQIS 2019-20	AICTE	A.Y. 2020-21	3,83,042/-
SRES's Shree Ramchandra College of Engg, Lonikand Pune	SPPU's Quality Improvement Scheme	SPPU, Pune	A.Y. 2019-20	250000/-
SRES' s Shree Ramchandra College of Engg, Lonikand Pune	SPPU's Quality Improvement Scheme	SPPU, Pune	A.Y. 2019-20	1,00,000/-
SRES' s Shree Ramchandra College of Engg, Lonikand Pune	Khelo-India sports Infra structure development	DSO (District Sports Office), Pune	A.Y. 2020-21	10,50,000/-

<b>8. Whether composition of IQAC as per latest NAAC guidelines</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Upload latest notification of formation of IQAC</li> </ul>	<a href="#">View File</a>
<b>9.No. of IQAC meetings held during the year</b>	<b>2</b>
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>

<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded
<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
<p>1. Various activities are arranged and attended (In virtual mode due to COVID-19) by all faculty members and students from all departments like guest lecture series on IPR, Research Publications, New Education Policy 2020, MHRD Innovation cell programs, AICTE sponsored STTP/FDP , UHV, leadership talks etc.</p>	
<p>2. To improvise the student's personality, communication skill, presentation skill and leadership quality IQAC planned and executed training by BARCLAY's RUBICON, Industry internship etc. This benefited to students for improving the communication skill, personality and leadership quality by arranging Student Group discussions, Personal interview practice sessions etc</p>	
<p>3. For sustainable development of campus, IQAC proposed to use renewable energy. A 15 Kw rooftop solar system is installed and it reduced 25% of MSEB power consumption.</p>	
<p>4. To improve Industry Institute Interaction, MOUs has been signed with industries.</p>	
<p>5. ICT Infrastructure is further strengthened by adding essential equipment and increased bandwidth for smooth conduction of T-L activities. Introduction of SIP(Student Induction Program), has following contribution in the personality development of student and teachers a. She/he should be able to inculcate, ethical professional practice after completion of the course. b. To know about importance of moral values and it helped to provide an exposure to work in a group so as to develop leadership qualities, EQ etc. c. To practice healthy interpersonal relationships for better and efficient work culture. d. To know the importance of lifelong learning and practice it in his/her future career.</p>	
<b>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</b>	

Plan of Action	Achievements/Outcomes
<p>Certification program of AICTE's FDP on theme Inculcating Universal Human Values (UHV) in technical education</p>	<p>As per NEP 2020 value based education is one of the salient features, UHV is useful proposal for developing the foundation of value-based-education as well as other aspiration articulated in NEP 2020. Faculties attended UHV 5 days FDP successfully and started to implement guidelines in regular teaching. Leaving process Positive and effective impact on students and faculties attitude and behavior.</p>
<p>Active participation of faculties in various technical/ Non technical webinar, seminar, workshops and Industrial training etc</p>	<p>AICTE's webinars (360 degree feedback, Exam reforms, Induction program etc,) MHRD's Innovation cell programs, webinars under SPPU are attended by faculties and students. Help for better T-L process and clarity on concepts. Teachers and students attended webinars on emerging technologies &amp; helped for up skilling.</p>
<p>Arranged Awareness program on COVID-19 vaccination and immunity boosting</p>	<p>Aple arogya aplya haati program arranged awareness about vaccination drive. Benefitted attendees and their families' relatives' friends about precautions to be taken to stay healthy and boost immunity. Session on "Mind Control" helped students to come out of the stress during COVID-19 lockdowns Also guidance was given on has to concentrate on studies.</p>
<p>T&amp;P activities on soft skills and Personality Development &amp; Career guidance / Planning etc.</p>	<p>Barclays -Rubicon soft skills training on C.V writing, soft skills, English vocabulary &amp; grammar, sessions on foreign languages, competitive exams e.g. GATE, GRE, TOEFL etc.</p>

	<p>Mobile App software "SPRUCE" sessions on aptitude tests practices, helped students to place in reputed companies.</p>
<p>Strengthening of ICT/certification of professional courses E-learning platform for T-L process.</p>	<p>Covid-19 opened a new paradigm for online T-L. Hence ICT infrastructure is further strengthened by adding smart boards LCD projectors, Lab view software etc. Increased Wi-Fi bandwidth which helped teachers to conveniently carry out T-L as well as administrative, placement, webinar activities etc.</p>
<p>Numerous sessions of Yoga and meditations early morning-evening session for students ,teachers and Parents</p>	<p>Online and live Yoga and meditation training and practice camp/session conducted by Prof. Yogendra Patil during 15may 2021 to 21 June 2021 and also in association with Heartfulness, Sahajyoga Organization such session helped teacher, students and their families to relieve stress during pandemic. Breathing exercises also boosted the immunity of participants. Could connect each other virtually and gave a feeling of togetherness. Increased interpersonal bonding.</p>
<p>Addition of outdoor sport and fitness enhancing equipments</p>	<p>Outdoor gymkhana, indoor gym equipment, Fit India movement 1.0 and 2.0 successfully organized and that created awareness about how to stay fit and remain free from health ailments. Students and teachers began practicing it. All programs under fit-India conducted successfully and helped teachers, students to boost the interpersonal relationship, leadership and team building qualities.</p>

<p>Policy on sustainable development of campus and Goals are formed &amp; informed to staff &amp; students</p>	<p>i) Roof top solar power plant is fully operational and it reduced the 25% of MSEB power consumption plan is to expand the solar power utility. • Bio-gas planted for bio-waste management is installed. • E-waste policy is in place. • Less or no use of plastics on campus. • PUC testing of vehicles in the campus. • Energy &amp; Green audits are carried out. • Programs on water harvesting &amp; energy management are carried out. • World environment day celebrated. • This has created a sense of responsibility among staff &amp; Students about the environmentii) Planted trees in the campus and being nurtured iii) Better water management water harvesting.iv) Digitization of few of the admin process is done</p>
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<p><b>13.Whether the AQAR was placed before statutory body?</b></p>	<p>Yes</p>
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<p>• Name of the statutory body</p>
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Name	Date of meeting(s)
Governing Body of the Institute	15/07/2021

<p><b>14.Whether institutional data submitted to AISHE</b></p>
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Year	Date of Submission
2020-21	29/01/2022

**Extended Profile**

**1.Programme**

1.1	5
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Number of courses offered by the institution across all programs during the year		
File Description	Documents	
Data Template	<a href="#">View File</a>	
<b>2.Student</b>		
2.1 Number of students during the year		1005
File Description	Documents	
Data Template	<a href="#">View File</a>	
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year		234
File Description	Documents	
Data Template	<a href="#">View File</a>	
2.3 Number of outgoing/ final year students during the year		324
File Description	Documents	
Data Template	<a href="#">View File</a>	
<b>3.Academic</b>		
3.1 Number of full time teachers during the year		84
File Description	Documents	
Data Template	<a href="#">View File</a>	
3.2 Number of Sanctioned posts during the year		76



File Description	Documents
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1 Total number of Classrooms and Seminar halls	28
4.2 Total expenditure excluding salary during the year (INR in lakhs)	4000000
4.3 Total number of computers on campus for academic purposes	391

## 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

i. **Planning for the Term:** All the departments prepare academic calendar in line with the academic calendar prescribed by the University which consist of all technical, co curricular and extracurricular activities in detail.

ii. **Finalizing of faculty member for each subject and Electives to be included in next semester and Preparation of Timetable:** Immediately after the end of previous term and well before the beginning of next term the , each faculty member submits his/her subject preferences to the Head of the Department (HOD).

iii. **Preparation by each faculty member:** Once the subject is allotted to the faculty member, he/she prepares the teaching/lesson plan and the course file.

iv. **Academic Monitoring Committee:** A Guardian Faculty Member (GFM) is appointed for each class to monitor day to day conduct of theory and practical classes as per time table and academic planner.

v. **Resource Planning:** Instruments which require repair or are obsolete are identified. Yearly budget is prepared based on consumables and equipment requirements for various labs and

purchased accordingly.

vi. Selection process of final year projects: Project coordinator is assigned to final year students who assign project guides to these student groups as per area of specialization of the faculty member.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
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 schedule of end sem oral/practical theory examination is prepared by the University and the same is displayed on notice board for students. In case of any change in the University schedule, same is communicated to concerned teachers and students .

1. Preparatory Exams are conducted every year before university exams.
2. Every teacher conducts regularly, MCQs based class tests.
3. Online tests are conducted by teachers with the use of Google forms . This has helped us during COVID pandemic times.

Along with continuous internal evaluation, academic Planning contains information regarding the following activities.

- a) Working period: The total working days, as provided by the university are around 240 days and out-of-them 180 days are reserved for teaching work and remaining days are used for co-curricular and extra-curricular activities.
- b) Curriculum activities: The academic diary includes the complete teaching learning process. It also contains teaching plan and execution of activities.
- c) Co-curriculum activities: The unit test, common test, Term test, practical, Viva-voce exam, assignment project, seminar, to be conducted.
- d) Extra-curricular activities:. Celebration of various national and

international days. And other social activities to be conducted by NSS at the college and NSS adopted village.

File Description	Documents
Upload relevant supporting documents	<a href="#">View File</a>
Link for Additional information	Nil

**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.**  
**E. None of the above**  
**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	<a href="#">View File</a>
Any additional information	No File Uploaded

## 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**

6

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

**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)**

3

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

192

**1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year**

174

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

**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 college has been working for the development of the students. The various programmes are arranged related to Gender Equality, Sustainability, Human Values and Ethics. The college teachers engage the students in various activities through Expert lectures, N.S.S.programmes. The environmental issues are dealt in detail in the classroom through a regular subject entitled as 'Environmental Awareness' this subject is taught by special teachers in the class. The said subject include the chapters such as, Scope & Nature of Environment Science, Natural Resources, Eco System, Bio- Diversity, Pollution, And Social Issues & Population.

A special 10 days residential camp is conducted by the N.S.S Department for their students to familiarize with the prevailing problems of rural India. The students are also engaged in value added programmes to make them aware of responsibilities and the professional ethics. Especially we are proud enough to state that we have not noticed till this date any major issues of Ragging and complaints from students about their harassments.

For newly admitted students we conduct Students Induction Program where ethics, human values, social work, awareness about environment, soft skills, guidance on yoga meditation, cultural activities, career guidance is imparted.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	<a href="#">View File</a>

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

5

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View File</a>
Number of courses that include experiential learning through project work/field work/internship (Data Template)	<a href="#">View File</a>

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

91

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

## 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

File Description	Documents
URL for stakeholder feedback report	<a href="#">View File</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View File</a>
Any additional information(Upload)	<a href="#">View File</a>

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

**B. Feedback collected, analyzed and action has been taken**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="http://www.srespune.org/feedback-form">http://www.srespune.org/feedback-form</a>

## 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 sanctioned seats during the year

1278

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

## 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

458

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 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 students admitted in the college are coming from various economic sections and communities of the society. Most of the students are from backward categories i.e. ST, SC, and OBC. The college is very much aware about their overall growth and social upliftment in the society.

College has a fair system for admission process and all the guidelines/norms of Central Govt and State Govt are strictly followed.. The students are admitted in the institution without considering caste, creed, and gender, and religion, social and economic status. The reservation policy is strictly adhered while admitting the students during each academic year. After the completion of admission process, regular classes commence as per the college time table and academic calendar which are published well in advance.

After admissions college adopts a process to identify slow and advance learners among students. Advanced learners and slow learners are identified as per their responses in the class room as well as the performance in the Unit tests, internal examinations. After knowing slow and advanced learners, the teachers prepare separate list of slow and advance learners and conduct extra lectures for

weaker students. The teachers observe that whether the students are easily understanding the lesson. If they do not understand the topic or teaching of a teacher, the same is explained again in an easy way with few examples. This is the formal way to complete the teaching-learning process and it is also convenient to both teacher and students. For better understanding use of PPTs, animation, practicals, field visits, expert lectures etc is done. Advanced learners are encouraged to raise their queries freely and teachers clear it till students get satisfied. Students are motivated to refer reference books, hand-books, IS, DIN etc and other standards, journals, manuals of various companies for bettering their understanding in terms of real life problems and expose them to different concepts, products available in the market .Home assignments,

projects, seminars on emerging technologies, elective subjects on latest trends, GDs, Quizzes ,webinars of experts from industries etc are arranged as well as students and teachers are motivated to attend webinars/seminars of their own interest ,in order to enhance quality in teaching-learning process. They are also encouraged to apply for different competitive examinations. They are motivated to participate in seminar presentation, Poster presentation, quiz competition, debates at university level and college etc.

Following activities are done by teachers for students:

Slow learners:

1. Individual counseling.

Advance learners:

1. Advance notes

2. Seminar sessions

3. Participative learning sessions : Group task, presentations

4. Experimental learning sessions i.e. Industrial Tour ,lab experiments.

5. Projects

6. Assessments

7. Group discussion sessions



File Description	Documents
Link for additional Information	<a href="http://www.srespune.org/learning-levels-of-students">http://www.srespune.org/learning-levels-of-students</a>
Upload any additional information	No File Uploaded

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

Number of Students	Number of Teachers
1005	84

File Description	Documents
Any additional information	<a href="#">View File</a>

## 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

College conducts various student centric activities throughout the year. The learning becomes more experiential, participatory and socialistic by organizing activities like group discussions, model making, field visits, debates, quiz, assignments, seminars, project work, visit to industrial exhibitions, and publication of wallpapers, writing articles, poetry recitation and power point presentation. The college organizes co-curricular activities, extra-curricular activities, sports and cultural events which help the students for their all-round personality developments.

Team spirit and leadership qualities are developed in the students through group discussions, project work and organizing workshop on useful topics like stress management, communication skills, personality development and time management. The college promotes creativity amongst students by encouraging them to publish articles in the college magazine and wall papers. The college has annual publication (magazine) "KSHITIJ", where students are assigned different tasks related to magazine viz proof reading, typing, editing etc which help to improve their creative and administrative skills. To imbibe patriotic and social values among students various Days like Teacher's Day, Independence Day, Republic Day, NSS Day, Maharashtra Day, and Anniversaries of national heroes are

celebrated. NSS cell conducts activities like Blood Donation Camps, Health, diet and fitness awareness Campaigns, Tree Plantation, De-addiction Drives, Swatch Bharat Abhiyan, Water-electricity conservation & management, and Drive for Fund Raising during Natural Disasters in order to make the students responsible citizens.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	<a href="http://www.srespune.org/student-centric">http://www.srespune.org/student-centric</a>

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

The classrooms and labs are ICT enabled with projectors installed and the campus is enabled with high speed Wi-Fi connection. The faculty use various ICT enabled tools to enhance the quality of teaching-learning, which are listed below and were predominantly used in COVID pandemic.

1. Google classroom is used to manage and post course related information- learning material, quizzes, lab submissions and evaluations, assignments, etc.
2. Virtual labs are used to conduct labs through simulations.
3. Online drawing tools like concept maps, mind maps, are used to perform student centric activities.
4. The PPTs are enabled with animations and simulations to improve the effectiveness of the teaching- learning process.
5. The online learning environments are designed to train students in open problem-solving activity.
6. Media lab facility is used to create video lectures and upload in appropriate platforms for students to use as extra learning resources.
7. Lab manuals are mailed to students well in advance the experiment is performed.
8. Online quizzes and polls are regularly conducted to record the feedback of the students.

9. To teach mathematical subjects in online mode, teachers use various online tools like- whiteboard in Microsoft teams, Jam board in Google meet, etc.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="http://www.srespune.org/ict-tools">http://www.srespune.org/ict-tools</a>

### 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

84

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

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

84

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

#### 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**

04

File Description	Documents
Any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

**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**

461

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

**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.

Institute follows SPPU's guidelines for the internal assessment of the theory and laboratory. In addition to that institute has carefully designed and implemented the parallel mechanism to ensure preparedness of the students. Complete transparency is maintained in all forms of internal evaluations. Two internal examinations, namely Mid-term and End-term in each semester are planned in academic calendar and executed as per schedule. After assessment, answer sheets are distributed and discussed with students for their benefit and to maintain transparency in the evaluation. Retest is planned for students having unsatisfactory performance by giving them sufficient time for preparation. Examination results are displayed on notice boards. Overall performance, attendance, feedback about the student is communicated to parents by mentor faculty.

### Term work (TW) assessment

Various assessment parameters, their evaluation process and criteria are discussed by each course teacher with students at the beginning of every term. Performance of each student for practical sessions is recorded weekly in continue assessment scheme in front of student. TW of a student, which carries weightage in final university result, is evaluated based on performance in continue assessment scheme. During practical sessions, course teacher discusses significance, advancements and applications of the contents. Teacher identifies advance learners and gives them challenges on selected topics. Concurrently teachers make an attempt to identify slow learners and help them.

Department evaluation tools are introduced by institute for assessment and evaluation of performance of student. Depending upon suitability, one or more tools such as Presentations by students, Open book test, MCQ, Assignment, Tutorial, Group Discussions, Case study etc are used for every course in the semester.

### Project work assessment

Twice in semester presentations are arranged to review progress of project work and evaluation sheets are maintained. These reviews forces student to be on toes and complete work in defined time. This enables student to remain focused, confident, improve presentation skills and communication skills

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	<a href="http://www.srespune.org/mechanism-of-internal-assessment">http://www.srespune.org/mechanism-of-internal-assessment</a>

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

- Basic eligibility for evaluation process is made known to students through college Website, notice boards and class counseling.
- Institute notifies evaluation process and related documentation on the notice board this includes distribution of marks and schedule of internal evaluation and university

evaluation.

- Institute also notifies the criteria for allocation of term work marks through notices and class counseling.
- Continuous assessment report for all the courses is displayed in respective laboratories every month.
- Staff meetings are conducted periodically to review the evaluation process.
- Display all unit tests marks within a week after end of unit tests.
- Display term work marks at the end of each semester for students information
- Solving grievances of students if any.
- Two internal examiners are appointed for each subjects to evaluate final internal Marks.
- At the end of each semester, The HOD verifies the internal marks for all the
- 

SPPU Procedure for Submission of Application for Supply of Photo Copy of Assessed

Answer Book(s):

1. The Application form filled in and signed by the examinee only.
2. The application shall be submitted by the examinee, along with the requisite fees, within ten days.
3. The candidate shall submit their application forms along with the requisite fees to the Principal/Director of the college/institution.
4. Students of University Departments shall apply directly to the Controller of

Examinations through the Head of the Department concerned

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	<a href="http://www.srespune.org/examination-grievances">http://www.srespune.org/examination-grievances</a>

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the

Programmes offered by the institution.

Shree Ramachandra college of engineering is established with a vision to impart quality technical education to the student community. The vision and mission of the institution are established after continuous deliberations with all its stakeholders. In the process of realizing the vision, mission, program Outcomes (POs), PSOs, COs the organization took utmost care to circulated all the above to its students and staff of the institution.

Shree Ramachandra college of engineering ensures quality in teaching learning process through realizing its vision and mission.

Course Outcomes (COs) are derived at Department Committee meetings. Department committee also approves the objectives and outcomes for each course after discussions with the teaching faculty of that course along with one subject expert. The course outcomes and their mapping with program outcomes and program specific outcomes are elaborately discussed and derived by the committee members. Even though the COs are given by the SPPU along with the syllabus, if necessary, the COs are modified and reframed by the course committee members for better content delivery. COs are communicated to the students during the introduction class itself. COs along with lesson plan are prepared and issued to the students during the first class. During the discussion of the course, the outcomes of the course are also focused. During the commencement of each unit and after the completion of the unit, the course outcomes are reviewed.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="http://www.srespune.org/learning-outcomes">http://www.srespune.org/learning-outcomes</a>
Upload COs for all courses (exemplars from Glossary)	<a href="#">View File</a>

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

The development expected in students on completion of the program of study is informally repeated by teachers to make students aware of the same. Teachers prepare learning objectives of the subjects they teach and the same is shared with students. It is also documented in academic activities files. General expectations of student enrichment are displayed on the campus at places frequently visited by students. Students learning outcome of the program of study is

shared with students in the department by teachers. In addition to this, all the key stakeholders are made familiar with program outcomes through faculty workshops, student workshops, student induction programs, faculty meetings, parent teacher interaction, Industry interaction etc. The Course Outcomes are communicated to the students by the respective faculty .In addition to this the course outcomes of all subjects are hosted in the respective department website. Course outcomes of laboratory courses are published in the respective laboratory and in the lab Manual.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="http://www.srespune.org/images/Course_Outcome_Assessment_Process.pdf">http://www.srespune.org/images/Course_Outcome_Assessment_Process.pdf</a>

### 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

309

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="http://103.97.164.44/library/Creteria%20III/Result/">http://103.97.164.44/library/Creteria%20III/Result/</a>

### 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)

<http://www.srespune.org/student-satisfaction-survey>

## 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

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

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

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

0

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

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

#### 3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

66

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.2 - Research Publications and Awards

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

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

23

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

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

##### 3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

3

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.3 - Extension Activities

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

The institution is abided by the concept and idea of making sensible and responsible citizens. Following the same various Engineering departments, Student Welfare department, Sports department and

N.S.S. often organize programs based on social and community welfare. The few can be named here are-Awareness of food nutritive value and eating habits Balanced Diet, Blood Donation Camps, Tree Plantation Programs, World Water Conservation Day, World Yoga Day, Helping hand By NSS Team, Corona (COVID 19) Awareness Program, Online CHESS Tournament, Stress Management and Science behind it,?? (Mask Distribution), FITINDIA Movement. Such programs help students to come in closer contact to their society and community. Also they get about various social problems and customs prevailed in the society, and in way students try to find solutions of many problems and adjust with the society, which enhances their personality. Under these programs; especially various awareness rallies help students aware regarding their personal and societal roles and responsibilities. These programs help students in their holistic development and induce in them leadership quality, feeling of oneness and cooperation. Few programs especially like yoga develop students spiritually also. With this they develop qualities like oneness, brotherhood and sportive facing competition healthily. It is also assured that under various guidance and counselling programs students get proper information regarding their higher education and choice of career. Under such activities it is also wished that students get their desirable jobs and reach their goals which would add to their self-satisfaction. While informing and helping people students themselves get sensitized against these social issues. Thus, students not only propel in education and career rather become responsible citizen for a better society and community; developing themselves physically, culturally and spiritually. Hence, it has been seen that students under these programs develop in holistic manner and for which the college also stands abide by.

File Description	Documents
Paste link for additional information	<a href="http://www.srespune.org/nss-activity">http://www.srespune.org/nss-activity</a>
Upload any additional information	<a href="#">View File</a>

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

**3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies 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)	<a href="#">View File</a>
e-copy of the award letters	No File Uploaded

**3.3.3 - 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**

**3.3.3.1 - 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**

15

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	<a href="#">View File</a>

**3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year**

**3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

200

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 3.4 - Collaboration

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

14

File Description	Documents
e-copies of linkage related Document	<a href="#">View File</a>
Details of linkages with institutions/industries for internship (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

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

13

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## 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.

**Adequacy of infrastructure:-** The campus area is 11.5Acres having classrooms (25 Nos. total area 1674.12sq. m), laboratories (58 Nos. total area 3875.59sq. m), Seminar halls (3 Nos. total area 423 sq. m), Classrooms with LCD facilities(18 Nos.), Seminar halls with ICT facilities (03 Nos.), Audio-Video Centre (01 No.)

**Physical facilities:-** In any of the teaching -learning environment, buildings, playgrounds, equipments, machinery, instruments for measurements, portable devices, ICT infrastructure etc are provided to enhance efficiency of work at administrative, T\_L and allied activities as well as to meet the criterion of regulatory authority. Hence the institute has sufficient built-up area/buildings comprising of class rooms, well equipped laboratories, work shop, seminar halls, drawing hall, tutorial rooms, computing Centre, language lab, a rich and resourceful library, reading room, computers, plotters, printers, LCD projectors, smart boards, application and system software are available in adequate numbers as per AICTE/MSBTE/DTE/Affiliating -University norms etc. The built-up area includes Admin, Instructional, Amenities and Circulation areas.

The institute is having boys and girls hostels, mess, indoor and outdoor game facilities, Gymkhana, fleet of buses (own - transport), roof - top solar plant (25kW), biogas plant and R.O. plant for water purification, water coolers etc. The generator and UPS back - up, lifts, ramps, and W.Cs, boys and girls common rooms are also made available. Facilities for Fab lab, Innovation & Start-up, NSS, SWO, Cultural cells, stores and stationary room etc.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.srespune.org/physical-facilities">http://www.srespune.org/physical-facilities</a>

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

**Facilities for sports:-** Sport provides healthy leisure time for staff and students. In coordination with the student physical director of college, the schedule of the events for the a given academic year is prepared and displayed on notice boards well in advance for the information of staff and students. Sport committee is appointed/constituted for organizing/co-coordinating various events inside/outside the campus & for sorting out grievances if any and for maintaining discipline during the matches .

**Facilities for game:-** College has sports facilities listed as under.

Indoor facility - Badminton court -2, Table tennis -2, Kabaddi mats -15 Nos. and Carom & Chess facility.

Outdoor facility - Kabaddi grounds, Volleyball ground, Ball badminton, Cricket, Kho-Kho, Handball, Netball . Basket ball court are available.

The college playground has an approximate area of 2 acres and on an average ,100-150 students use it.

**Cultural Activities:-** Institute provides necessary facilities and encourage students and staff to participate in cultural activities. We organize various competitions like dance, singing , essay writing, debate, rangoli, flower decoration, poster presentations, painting ,salad decoration etc. During COVID-19 crisis, we have conducted online cultural events, Chess, Yoga and Meditation and relaxation techniques etc. Separate cultural room is made available for preparations and faculty is allocated for taking care of this activity.

**Yoga Centre-** There is no separate yoga-center as such, however, in seminar halls, open spaces, ground etc. we conduct yoga programs. We have tie-up with Hurtnfulness and Sahaj Yoga to conduct yoga sessions, under the supervision of experts from the field.

**Gymnasium:** - The college has well-equipped indoor and outdoor Gymnasium, which is used by the students and staff. Separate time slots for various users are made available.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.srespune.org/sport-gallery">http://www.srespune.org/sport-gallery</a>

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

28

**4.1.3.1 - Number of classrooms and seminar halls with ICT facilities**

28

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.srespune.org/ict-tools">http://www.srespune.org/ict-tools</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 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)

44.74551

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

#### 4.2 - Library as a Learning Resource

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

###### Data of the year 2020-21

- Name of ILMS software- Autolib Web OPAC
- Nature of automation (fully or partially)- Partially
- Version-• Web OPAC
- Year of Automation- 2015



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="http://150.129.130.212/autolibwebopac/">http://150.129.130.212/autolibwebopac/</a>

**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	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**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)**

0

File Description	Documents
Any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**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**

1

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	<a href="#">View File</a>

### 4.3 - IT Infrastructure

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

IT Facilities with Wi -Fi speed: In the institute total number of computers available = 391Nos. It's distribution is , 190 Nos in computer labs, 100 in computer centre, 20 in office, 80 in departments and 1 in server centre. Sufficient numbers of computers and software are available as per norms, Internet Wi-Fi speed is 300Mbps with two leased lines. College campus is facilitated with 24 x 7 free Wi-Fi to all students and staff. Similarly institute has LCD projectors, smart digital boards, printers, audio-video facility, all requisite application and system software. All seminar halls are equipped with PA systems,LCD projectors, screens ,laptops etc. System administrator along with lab technicians take care of IT infrastructure. AMC of all PCs,software,laptops,LCD projectors is signed for routine and breakdown maintenance. CCTV cameras are mounted in computer center for safety and vigilance purpose. A portable high resolution Nikon camera with video recording facility is available and TAs are trained for its usage.

Office staff and HoDs monitor and supervise the utilization and maintenance of IT infrastructure. The college admin office receives the budgetary requirements for computer systems ,software etc prior to the commencement of academic session and its allocation is done as per academic requirements of various departments. Computer center and server room is having UPS back-up and all computer labs are connected to Generator supply,so as to get immediate power supply ,in case there is failure from MSEDCL.

Optimal utilization of infrastructure is ensured for conducting workshops/webinars/training programs for faculty and students on the use of ICT. Effective utilization of infrastructure is ensured through appointment of adequate and well-qualified lab technicians/system administrator etc. Renewal of AMC is done at the beginning of the academic year for the deployed software applications, UPS and Generators.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.srespune.org/wifi-connectivity">http://www.srespune.org/wifi-connectivity</a>

#### 4.3.2 - Number of Computers

391

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Student – computer ratio	<a href="#">View File</a>

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

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 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)

36.11118

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts.	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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.

**Physical facilities :-** In the institute buildings, playgrounds ,infrastructure for labs ,ICT facilities are available for effective conduct of T-L ,Co-curricular and extracurricular activities and it also meet the requirements of regulatory authorities . The institute has sufficient built-up area/buildings comprising of class rooms, well equipped laboratories, work shop, seminar halls, drawing hall, tutorial rooms, computing centre, language lab ,a rich and resourceful library, reading room ,computers, plotters ,printers, LCD projectors, application and system software are available in adequate numbers as per AICTE/MSBTE/DTE/Affiliating -University norms etc.

The institute is having its boys and girls hostels ,mess ,indoor and outdoor game facilities, fleet of buses (own -transport) ,roof -top solar plant (25kW), biogas plant and R.O. plant for water purification. The generator and UPS back- up, lifts, ramps, and WCs, boys and girls common rooms are also available.

**Academic facilities :-** The classrooms, seminar halls well equipped laboratories with enough seating capacity and LCD projectors and internet connection are available.

**Maintenance of library facilities:-**The books and journals are maintained against disfiguring. Stock verification is done as a part of regular monitoring and control. The College has constituted Library Committee for effective accessibility of learning resources to students and faculty. Pest control has been done in library to maintain safety of books from termites. Fire extinguishers are provided in the library and a safe access to maid road is available.

**Classroom facilities: -** Classroom ambiance is maintained by daily cleaning the floors, black boards and occasionally cleaning benches. Electrical equipment is like lights, fans, switchboards, LCD, ceiling, working kit etc. are under regular observation and maintained as per requirement.

**Sports facilities: -** A Gymkhana committee is constituted which manages and organizes the various sports events within the campus and outside the campus. The maintenance of sports facilities, Gymkhana facilities etc. is done, with the help of our workshop and other staff, be it a civil, mechanical, electrical maintenance part. Very rarely the outside agency's help is sought to keep the

equipments in up to date condition. Rollers, sprinklers etc. are available with us to maintain the playground. When events like cricket, football, Khoko-vollyball etc. are organized. A budgetary provision is made available for the same.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.srespune.org/physical-facilities">http://www.srespune.org/physical-facilities</a>

## 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

1180

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

#### 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

38

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

**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**

**B. 3 of the above**

File Description	Documents
Link to institutional website	<a href="http://www.srespune.org/sport-gallery">http://www.srespune.org/sport-gallery</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

**1188**

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

**1188**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**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	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

## 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

20

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 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

05

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

### 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

1

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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.

2

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
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)	<a href="#">View File</a>



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 )

**Name of Committees**

**Participation of students?**

**Remark**

**Student Council**

Yes

We have formed Student Council for students under Board of students Development, SRCOE Pune.

**Anti-Ragging Committee**

Yes

We have formed Anti-Ragging Committee under Board of students Development, SRCOE Pune.

**Students Alumni Association**

Yes

We have Students Alumni Association, in which all our college pass-out students are enrolled.

MESA, EESA, ETESA, CESA, COESA

Yes

we have students associations at all department level.

File Description	Documents
Paste link for additional information	<a href="http://www.srespune.org/student-charter-2017-18">http://www.srespune.org/student-charter-2017-18</a>
Upload any additional information	<a href="#">View File</a>

**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

21

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

## 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

Date of registration: - 28-02-2017

Registration no: - 309/2017

No of registered /enrolled Alumni till today: - 276

No of registered /enrolled Alumni 2020-21: - 105

Alumni contribution during the year (in Rupees): Rs. 1000/- for degree, Rs. 1500/- for post graduate and Rs. 800/- for diploma

File Description	Documents
Paste link for additional information	<a href="http://www.srespune.org/student-charter-2017-18">http://www.srespune.org/student-charter-2017-18</a>
Upload any additional information	<a href="#">View File</a>

5.4.2 - Alumni contribution during the year (INR in Lakhs) A. ? 5Lakhs

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## 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

For participative management, the Principal, HODs, Faculty and student representatives, form the core part of the IQAC team as well as College Development Committee. We have Department Advisory Board and it helps to bridge the gap between industry and academia, suggests additional academic, extracurricular-technical training (both theoretical and practical) aspects to bridge the gap.

Our vision is to be renewed technical institute, imparting quality education. The Leadership is inclusive in nature and seeks valuable guidance of all stake holders for the betterment of students, Lab developments etc. The prospective plan of institute for next five years is ready that comprises of Staff, Lab, and Infrastructure and Technology development plan.

Internships, Industrial Training for teachers, add on courses/hands on training, are

Provided to the students to enhance their employability. The management, staff and

all stakeholders work hand in hand for bettering tomorrow. In Covid-pandemic times, we could conduct Online training of staff and students, organised webinars on upcoming technologies, soft skill and aptitude training of final year students.

File Description	Documents
Paste link for additional information	<a href="http://103.97.164.44/library/Criteria-6/Vision%20Mission%20Objective.pdf">http://103.97.164.44/library/Criteria-6/Vision%20Mission%20Objective.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

YES-It's available.

The institution is steadily moving from conventional to automated Management Information Systems (MIS). The following systems are fully functional in the Institute from last few years.

1. Biometric Attendance System for Staff
2. Library is fully automated and uses "AutoLib"-software, for issue and return of books.
3. Complete college Management System (ERP) and RED (LMS) is available.
4. Institutional email system/Issue of various circulars, notices. Time-Tables, Assignments etc.
5. Result and Students Performance Analysis System
6. Online system for Daily Reports
- 7 MOOC and Google Classroom
8. CCTV and Security Systems
9. Publications in e-version.
10. Android based Apps for various societies and events.
11. Staff and students approved by SPPU, MSBTE etc
12. Admissions of UG, PG, and Diploma etc. are done online.

The students are encouraged to develop apps, websites and software as per the requirements. A software development cell of students, guided by teachers, is working on various projects. The social media profile of the institute is also actively managed by the team of students. The latest news, updates and information about college activities, is provided to various stakeholders through, face book, LinkedIn, What's up App and other social media platforms.

File Description	Documents
Paste link for additional information	<a href="http://103.97.164.44/library/Criteria-6/6.1.2_Org.%20chart,%20Committee%20chart.pdf">http://103.97.164.44/library/Criteria-6/6.1.2_Org.%20chart,%20Committee%20chart.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

### Curriculum Development:

We are affiliated to SPPU, Pune and follow the curriculum and syllabus prescribed by the University for all its Courses. Affiliated Institutions are not authorized to make any change in curriculum. After every 5 years, University revises syllabi of various courses. Institute being relatively young we have currently no BOS member. However, we gave suggestions regarding modification of syllabi to university.

### Deployment of Curriculum:

1. We follow a holistic approach for growth and development of students. Our teaching and learning methodology includes brainstorming, paper presentations, quizzes, group discussions, hands on activities, case studies etc.
2. We provide adequate infrastructural facilities for teaching learning process.
3. Well qualified, experienced and dedicated faculty members are back-bone of Teaching-Learning process.
4. Computer Laboratories with latest configured hardware and software are provided. All the laboratories of various UG programs run by institute are well equipped and well managed. Calibration of certain machinery and instruments is carried out in order to get accurate readings, while performing experiments.
5. Mentoring of slow learners by GFM and each GFM has a group of 10-15 students whose overall growth and development is continuously monitored and their problems are discussed and counseled.
6. Faculty members are encouraged/deputed for Orientation Program,

Refreshers Courses, Workshops/Seminars and FDPs to upgrade their skills and keep themselves engaged in learning activities, so that they can percolate the benefits of their updated knowledge and skills to students.

7. We motivate our faculty members to pursue higher studies.

8. We aspire to be abreast with the latest innovations and technological developments; hence we encourage faculty members to use innovative teaching methodologies. COVID pandemic has opened an opportunity to use online teaching learning platform and to suit the same, institute has modified IT infrastructure.

9. Campus is Wi-Fi and has adequate internet bandwidth which is useful for ICT activities.

10. Centralized digital Library is available where students can utilize online e-resources for learning, projects, research activities etc. It is having adequate number of titles, volumes, journals, magazines, newspapers etc. Remedial and extra classes are engaged for needy students.

#### Examination and Evaluation:

1. Institute is affiliated to Savitribai Phule Pune University, Pune and it conducts two online exams and one In-sem exam for FE & SE classes and TE & BE classes respectively. The Oral/Practical exams are also conducted as per the schedule given by affiliating university.

2. The End-sem exam is conducted after conclusion of the term and weightage of credits/marks are depicted in the course structure of university and is made known both to faculty and students, well in advance.

3. Term-work, Assignments, Seminar Presentations (for TE & BE classes), progress reports/presentations of project work is evaluated on continuous assessment basis.

4. Apart from this, each department conducts two unit tests per semester, preferably before the University exam; mock-viva, assignments and presentations by students are organized as a part of continuous evaluation.

5. A systematic approach is followed by all departments for conducting exams and continuous evaluation. Academic schedule/calendar is prepared and it contains all the activities related to exams and evaluation and is displayed well before the commencement of a given semester.

#### Research and Development:

1. All the departments of the institute have access to well-equipped computer laboratories with adequate infrastructural facilities and software to carry out the research projects.

2. For promoting research various online research journals are subscribed. The Institute's Central library facilitates research-oriented books, journals & e-journals for research references.

3. Almost all faculty members are provided with personal computer which helps them to carry out their research work.

4. The institute has Wi-Fi enabled internet facilities for the easy access to online resources.

5. The faculty members are encouraged to publish their research contributions in various National & International Journals and conferences.

6. The Institute encourages the research scholars by providing on-duty leave to focus on their research, activities.

7. The institute motivates the faculty members to attend research-oriented seminars /workshops / conferences, etc., by providing on duty leave.

8. The Institute encourages faculty members to pursue Ph.D. programs in reputed universities. The institute supports the researchers by providing high end computing facility with necessary software and modern equipments.

#### Library, ICT and Physical Infrastructure /Instrumentation:

1. The library resource viz. Web-OPAC can be assessed online and is available 24x7. Library is having reprographic facility.

2. For fire safety, fire extinguishers are available in the library.
3. Library is having 1 server and 12 computers (02 for library staff and 10 computers for students & faculty). Detailed list of currently subscribed journals are also uploaded on institute's website (both hard and soft journals).
4. Library is having computer terminals for searching course material online. Besides this, regular e-mails, messages are sent to faculty to update them with the information of library.
5. E-Data storage gadgets: Library also maintains the CD's received along with the text/reference books, soft copy of projects and seminars etc. It is issued to the users, on demand.

#### Human Resource Management:

1. We believe in the motto of team building and collective decision making. The teacher's strength is maintained as per the staff to student ratio as specified by AICTE.
2. The Institute organizes various orientation and knowledge enrichment programs for both teaching and non-teaching staff members for upgrading their skills in the latest technology.
3. Salary, pay-scale and increments are given to staff members as per norms which lead to employee satisfaction.
4. The management contributes an amount equal to the employee share for EPF with Pension scheme and Group insurance.
5. Institute grants Medical, Casual, On Duty and Special Leave to its faculty members. And Non Teaching gets Medical, Causal and Earned Leave as per the norms of University. It also provides Maternity Leave according to norms to its female members.
6. The Institute provides Special Leave for pursuing higher studies, attending enrichment courses/seminars/conferences/workshops and exam duties.
7. The faculty and staff members are entitled to avail summer and winter vacations as per guidelines of the University. We have Biometric, CCTV facility which is used for human resource management.



8. Yoga meditation, Personality development, and interpersonal relationship programs are conducted on regular basis for teaching and non-teaching staff

#### Industry Interaction /Collaboration

Efforts are made to build and maintain excellent rapport with the Top Management of various Organizations and Industries and forge collaborative Industry, Academia alliances. This provides a unique and a very good opportunity to students to learn theoretical concepts with practical/experiential learning. Institute has signed sufficient number of MOUs with major companies and the objective includes the sponsorships and support for projects, internships to students, industrial training to faculty, expert lectures, workshops/Seminars by industry experts

Participation in Governing Council and College Development committees etc. Some of the major companies which visited us or we visited their campuses, in the last two academic years, for campus drive, are listed as under. (During COVID pandemic, companies had online presentations and interviews.)

Admission of Students: It is done through "MH-CET"- an Entrance Examination conducted by DTE,Mumbai/Admission Regulating Authority (ARA) Government of Maharashtra, Mumbai and through "JEE(main)" exam. The entire process is online and through various CAP (Central Admission Process) rounds, admissions are effected. Reservation policy and eligibility criteria is as laid down by Government of Maharashtra/DTE/AICTE/Affiliating University, is strictly followed. The admission schedule is published on DTE-website, as well as through the leading newspapers and information brochure, immediately after the declaration of HSC (12thStd) results. Ours being an un-aided institute, 20% admissions are allocated at institute level, and institute to abide, the eligibility norms of DTE/AICTE/University/ARA etc. Admission schedule of ARA and Institute level admission schedule along with Public notice/advertisement to fill up vacant seats after all CAP rounds of Govt of Maharashtra, is also kept on college website, for the information of probable students.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="http://103.97.164.44/library/Criteria-6/6.2.1_Strategic%20plan.pdf">http://103.97.164.44/library/Criteria-6/6.2.1_Strategic%20plan.pdf</a>
Upload any additional information	<a href="#">View File</a>

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.

#### ADMINISTRATIVE SETUP:

With the hands-on experience of the management, the Institutional Management is designed in a scientific way with transparency to get the optimum results out of it. A hierarchical sets up is established from top management to down the level clearly demarking the Duties, Responsibilities, Accountability and Authorities at every stage.

It has an effective organizational structure which monitors and improves the institution. The organizational structure of the institution is given below.

#### List of Governing Body Members:

Sr. No.

Name of Member's

Designation

Signature

1

Shri. M.R. Bhumkar

Chairman

2

Shri. S.D. Bhumkar

**Hon. Secretary**

3

**Shri. D.R. Bhumkar**

**Member**

4

**Prof. Dr. A. D. Desai**

**Member Secretary**

5

**Dr. D.R. Nandanwar**

**Member**

6

**Prof. A.S. Chandak**

**Member**

7

**Mr. A.N. Sable**

**Member**

8

**Prof. S.G. Nikam**

**Member**

9

Prof. Mrs. Baravkar S.L.

Member

10

Prof. Gaikwad V.G.

Member

11

Mr. Kanche A.D.

Member

The Institution has a Governing Body. It is a Policy making body of the Institution and meets frequently and discusses the agenda prepared by the Principal. It reviews the performance of the institution and decisions taken in the previous meeting and also approves the policy decisions. The budget of the current academic year is finalized.

All new proposals are discussed and decisions is taken. Governing Body Functions:

1. To ratify the decisions of the academic advisory committee.
2. Approval of new courses recommended by the academic advisory committee
3. To appoint Principal, the teaching and non teaching staff on the recommendations of the selection committees constituted.
4. Scrutinizing and approving the budgetary proposals.
5. Suggesting and approving the student development programs.
6. Promoting industry institute partnership cell for student training and placement activities
7. To monitor and evaluate the teaching programs in the institute and suggest remedial measures

8. To constitute committees, sub committees & standing committees for specific purpose delegating appropriate powers.
9. Fix the fees and other charges payable by the students of the institute on the recommendations of the Finance Committee.
10. Approve institution of new programmes of study leading to degrees
11. Perform such other functions and institute committees, as may be necessary and deemed fit for the proper development, and fulfill the objectives.

The Institute has IQAC and the functions of IQAC are given below:

The Primary aim of the IQAC is to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the College. The IQAC will provide greater clarity and focus in institutional functioning towards quality enhancement and facilitate internalization of the quality culture. The IQAC will contribute towards enhancement and integration among the activities of the College and institutionalize many good practices.

**IQAC MEMBERS:**

Sr. No.

Name of a Person

Designation

1

Prof. Dr. A.D. Desai

Principal

2

Prof. Sushil Nikam

Civil HOD

3

Prof.Vinod Badgujar

Computer HOD

4

Prof. M.K.Jadhav

Mechanical HOD

5

Prof. V.M.V.Rao

Electrical HOD

6

Prof.Dr.Sujatha Rao

AIDS HOD

7

Prof. D.N.Hodade.

FE Coordinator

8

Prof. Baban Londhe

SWO Officer

9

Prof. Ajeet Bhane

IIC Coordinator

10

Mr.Swapnil Bhumkar

Member from the Management

11

Mr. Siraj Patel

Senior administrative officer

12

Mr. Ankush Kanche

Senior administrative officer

13

Mr. Rahul Mule

Alumni

14

Mr.Pritam Kadam

Student

15

Mr.Santosh Bhandari

Local society

16

Mr.Santosh Bhujbal.

Stakeholder

17

Mr.Avinash N Sable

Director,

Vonass Control Panel Pvt Ltd.

18

Mr.Hemant Agarwal

CEO,MEIPL,Pune

19

Prof. G T Sawant

IQAC coordinator

The Department Advisory Board (DAB) Responsibilities:

Develop and recommend the Vision & Mission statement of the department & provide guidelines for formulation of programme educational objectives (PEOs) and Programme outcomes (POs).

Receive the reports of programme assessment committee and monitor the progress of the programme.

Look after the current and future issues related to programme.

Meet at least once in a year to review the programme.

Institute Level Committees:

1-Anti Ragging Committee

2-Code of conduct & discipline for students

3-Grievance Redressal Mechanism

4-Internal Complaints Committee

5-Industry Institute Cell

6-Implementation/Promotion of Government Schemes

7-Internal Quality Assurance Cell

8-Student Grievances and redressal



File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	<a href="http://www.srespune.org/images/Organization_Chart.pdf">http://www.srespune.org/images/Organization_Chart.pdf</a>
Upload any additional information	No File Uploaded

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

B. Any 3 of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

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

#### For Teaching

Group Insurance Schemes, EPF, C.L. and medical leave are provided. The institute sponsors the research publications and registrations to academic conferences. Institute organizes workshops, FDPs, seminars and conferences. Best faculty award has been initiated and on festive occasions, lunch, snacks are arranged... Subsidized accommodation and meals are provided in the hostels. Transport facility of college buses is also available to faculty on chargeable basis.

#### For Non-Teaching

Earned Leave, EPF, Maternity Leave is provided. Accommodation, meals at college hostels and transport facility

**For Students**

Cash prizes and certificates are given to merit holders in sports and academics. Industrial trips are organized and several workshops, training sessions are conducted for their overall development. In campus hostel facility, with high quality amenities and meal is provided to students. Regular interaction with parents is done to ensure a coordinated effort for the welfare of the students. Medical check-up camp is organized each year. Visits of Medical officers to hostels, thrice weekly or on demand, medical counseling, entertainment facility, News papers, magazines, indoor and outdoor play grounds, open and indoor gymkhana, Physical director as a mentor for guiding students on various types of sports, Yoga-meditation sessions under supervision of expert in the field, arts and cultural cell, guidance on competitive exams, career counseling facilities are made available.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**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)	<a href="#">View File</a>

**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**

## 5

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<a href="#">View File</a>
Reports of Academic Staff College or similar centers	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

### 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

52

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

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

The salient features of the performance appraisal system are as follows:

#### Teaching Staff

- a) The performance of each faculty member is assessed according to the Annual SelfAssessment for the Performance Based Appraisal System
- b) Promotions are based on the PBAS proforma for UGC Career Advancement Scheme (CAS) that is based on the API score.
- c) The institute undertakes a wide range of activities besides academics, for which faculty members are assigned additional duties and responsibilities, which are mostly voluntary. The Institute accords appropriate weightage for these contributions in their overall assessment.
- d) The faculty members are informed well in advance of their due promotion.
- e) The PBAS proforma filled by the Faculty Member is checked and verified by the Heads of the Departments, followed by the Dean, Secretary, IQAC and the Director.
- f) Faculty members whose promotions are due are recommended based on their API score and are required to appear before the screening-cum-selection committee.

**Non-Teaching Staff**

All non-teaching staff are also assessed through annual confidential reports and annual performance appraisal.

File Description	Documents
Paste link for additional information	<a href="http://www.srespune.org/images/AppraisalFormAICTE-Jan2022.pdf">http://www.srespune.org/images/AppraisalFormAICTE-Jan2022.pdf</a>
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

**Internal Audit:**

The internal audit is a continuous process. The finance committee and the Qualified Auditors from external resources have been appointed and a team of staff under them do a methodical

verification on quarterly basis. The team verifies all payments, receipts, vouchers of the cash transactions, ledgers and cash book.

#### External Audit:

The external auditor/agency appointed by the college performs audit of the financial statements of the college. The financial records are audited by qualified chartered accountants at the end of each financial year. The financial records are certified i.e., income and expenditures, balance sheet and prepared notes to accounts are certified.

File Description	Documents
Paste link for additional information	<a href="http://103.97.164.44/library/Criteria-6/6.4.1_Audit%20Report.pdf">http://103.97.164.44/library/Criteria-6/6.4.1_Audit%20Report.pdf</a>
Upload any additional information	<a href="#">View File</a>

#### 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)

#### 3.5

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

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

Institute maintains & follows a well-planned process for the mobilization of funds and resource. The process involves various committees of the institute as well as the Department Heads and Accounts office. Institute has designed some specific rules for the fund usage and resource utilization. Mobilization of Funds, the student Tuition fee is the major source of income for the institute.

The management provides need-based loans to individual colleges.

Various government and non-government agencies sponsor events like seminars and workshops.

Alumni contribute to the institute by raising funds to purchase items like water coolers, wall clocks, etc.

Sponsorships are sought from individuals and corporate for cultural events and fests.

#### Utilization of Funds

A finance committee has been constituted to monitor the optimum utilization of funds for various recurring and non-recurring expenses

The purchase committee seeks quotations from vendors for the purchase of equipment, computers, books, etc.

The quotations are scrutinized by the finance and purchase committee before a final decision is made based on parameters like pricing, quality, terms of service, etc.

The Principal, finance and purchase committees along with the accounts department ensure that the expenditure lies within the allotted budget. The intervention of the management is sought in case the expenditure exceeds the budget.

#### Resource Mobilization Policy and Procedure

Before the financial year begins, Principal and Heads of Departments prepare the college budget.

The institutional budget includes recurring expenses such as salary, electricity and internet charges, stationary & other maintenance costs.

It includes planned expenses such as lab equipment purchases, furniture, and other development Expenses.

The budget is scrutinized and approved by the top management and Governing Council.

Accounts department and Purchase department monitor whether expenses are exceeding budget provision

## Utilization of Funds

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Accounts department and Purchase department monitor whether expenses are exceeding budget provision

File Description	Documents
Paste link for additional information	<a href="http://103.97.164.44/library/Criteria-6/6.4.3_Mobilisation%20of%20Funds.pdf">http://103.97.164.44/library/Criteria-6/6.4.3_Mobilisation%20of%20Funds.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 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

1. Activities and support from the Parent - Teacher Association

1. Parent Teacher Meeting was held on 09.02.2019. Regular meetings and telephonic conversations with the parents, on monthly basis is done and they are kept updated about the progress of their ward. In COVID times, meetings were held online.

2. Feedback from is given to parents to know their views about overall activities in the institute and valuable suggestions for improvements.

3 Parents are cordially invited for Students Induction Programme (SIP) of their wards on the first Day of College of students, every year. As per the guidelines of AICTE, SIP activities are planned.

4 Parents and students are informed about career planning and higher studies, social, co-curricular and extracurricular activities, job opportunities, entrepreneurship development etc.

2. Development programmes for support staff

1. Workshop on Stress Management conducted by Heart fullness Foundation/Art Of Living/Sahaj Yoga./Mana-shakti Kendra,Lonawala etc.

2. FDPs, Industry visits, motivation for research publications, higher studies, trainings on upcoming fields. Organized different games on memory enhancement techniques. Capacity building programs.

3. Guidance on Maha DBT-Scholarships, education and housing finances. Training on Tally,ERP ,Vib-lab, Auto-Lib software etc.,

4. Staff participate in Sports, cultural and other activities .

3. Post Accreditation initiative(s)

1. Since quality is a key for success, growth and brand building of an institute, IQAC guide on various initiatives that shall have value addition in all the activities carried-out.

2. Soft and hard training/certification programs, add on courses, expert talks on technological advancements, to enhance employability of students.



. Training to less experienced staff for effective T-L and general administrative work. Promote and motivate staff and students to organize or attend webinars/seminars on different topics to enhance their overall growth.

3 Updating all files/minutes of meetings, execution of decisions and to see that it is effectively implemented at all levels for good administration and effective teaching learning activities.

4 Emphasis on T-L pedagogy, especially while conducting online theory and practical sessions. Preparations of e-course contents and providing it to students. Training on evaluation and assessment techniques to match with the exam reforms.

5 To have better/strong industry connects so as to get opportunities for staff and students for internships, hands-on training, live projects, R&D, consultancy, expert guidance, in order to bridge the gap between industry and academia.

6 To carryout necessary changes in the curriculum or to suggest it accordingly to BoS as per the needs of an industry. If it is not done by affiliating University, then at institute level it can be implemented with the assistance of DAB.

1. Motivating staff and students for participation in NSS, Social, Innovation, Start-up, entrepreneurship, cell, competitive exams, state and national level technical activities etc etc. and more importantly to inculcate habit of Lifelong learning and ethical practice.
2. Involve Alumni, parents, industry, local social cells, NGOs, Govt establishments etc for bettering activities at all fronts in the institute, for holistic development of staff and students.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

**IQAC being the central body within the college monitors and review**

the teaching-learning process regularly. Based on feedback various innovative activities and reforms were introduced.

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 which are proven over the years are being followed. 1. Academic Calendar: Based on the University Academic Calendar the Institute schedules the academic calendar well in advance at the start of the year with ample time frame for not only the regular teaching-learning process but also to accommodate the various events like seminar/ guest lecture/ workshops/ FDP's/ Hands-on-series and many more.

2. 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

3. Daily lecture Record: Everyday faculty prepare and submit details of the lecture along with the topic covered on an online portal. 4. Evaluation of teachers by students: The institution has a feedback system to evaluate the teachers by students. The regular evaluation of the teachers by the students, feedback on teaching methodologies, course delivery, attitude, strengths and weaknesses, difficulties faced in the subject give a clear idea about the problems faced by the students. Director and management also monitor the feedback system and takes appropriate corrective actions.

5. Student learning outcomes: The institute monitors the performance of the students regularly. It has specified procedure to collect and analyse data on student learning outcomes; the following points are adopted by the institute in this context: 1. Regular class tests and interactions 2. Midterm and continuous evaluation comprising of internal tests, assignments, group discussions, and seminar presentations. 3. Semester system of examination for all courses. 4. Providing Question bank of various subjects to the students. 5. Providing Lecture notes through an online portal 6. Timely Redressal of students' grievances. 7. At least 75% Attendance is compulsory in each semester. 8. Extra classes for weak students to solve their problems. Effective internal examination and evaluation systems: Institute maintains an effective internal examination and evaluation system. 9. Student result analysis: Institute has the provision of analysis of student performance after the announcement of their semester results. If the result of the students, in a subject, is not found up to the mark, necessary steps are taken to find out the

reasons and the concerned faculty members are counselled and motivated to work towards improvement.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**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	<a href="https://www.srespune.org/images/AnnualReport_2020-2021_CEGP019130_1.pdf">https://www.srespune.org/images/AnnualReport_2020-2021_CEGP019130_1.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## 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

Gender equality is one of the key issues, society is facing today. We organize sessions on gender equality viz., guest speakers, counseling etc highlighting the importance of women in a society.

SRCOE has a very good ethical work culture which is based on inclusivity. We observe highest ethical values in all its activities. Equal opportunities are provided to all individuals in

the institute, irrespective of caste, gender, creed, language, national or social origin etc etc. Due to this we have sizable number of girl students and lady staff members.

The various activities conducted in online mode this academic year 2020-21 due to COVID-19 pandemic are listed below.

<http://www.srespune.org/images/7.1.1.pdf>

Sr. No.

Title of the Programme

Date/ Duration

Participants (Nos.)

Photo of Event

Female

Male

1

Online Celebrating of International Women's Day.

08-03-2021 (One Day)

42

10

2

Meditation program by Heartfulness Foundation

23-03-2021 to 05-05-2021

45

30

3

**Guest lecture on online "Competitive Exams"**

20-02-2021 (one day)

24

25

4

**Webinar on Save the Youth Against the Menace of Tobacco**

11-03-2021 (one day)

31

42

5

**Online Live Yoga Training and Practice Sessions**

12-04-2020 (One day)

65

140

6

**"Aaple Aarogya Aaplya Hati" Program**

04-03-2021 (one day)

38

22

7

**Webinar- Career Opportunities in UPSC/MPSC**

02-Jul-20

122

134

File Description	Documents
Annual gender sensitization action plan	<a href="http://www.srespune.org/images/7.1.1.pdf">http://www.srespune.org/images/7.1.1.pdf</a>
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	<a href="#">Common Room, Safety &amp; Security, Counseling</a>

**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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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**

**There are different types of wastes disposed in the institute for which there is a proper system functioning.**

**The following wastes are being disposed by the institute:**

**Solid Waste Management: Institute has a place on its campus where the solid wastes materials are disposed.**

- 1. Vermicompost**
- 2. Liquid Waste Management**

**3. Biogas plant****4. E-Waste**

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="#">Photos attached in any other information tab</a>
Any other relevant information	<a href="#">View File</a>

**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** **C. Any 2 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:** **D. Any 1 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 with trees and plants**

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

**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**

**C. Any 2 of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**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 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**

**B. Any 3 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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).

The institution has been taking several efforts and initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. By celebrating many National and International Days, Events and Festivals the institution aims at bringing tolerance and harmony among the students and staff and other stakeholders.

Photos shows the inclusive environment in the institution by events like Independence Day, Teacher's Day International Women's Day, Gandhi Jayanti, Anti Ragging Awareness, International Yoga Day, NSS Day, Stress Management, FIT INDIA Movement Program, Cultural Program, COVID awareness etc.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

The institute has established policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules

The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent people. The institute conducted awareness programs on the ban on plastics, cleanliness, Swachh Bharat, etc. involving students.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers,** B. Any 3 of the above

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

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

S.No

Name of the event

Date

No. of the Participants

1

Independence Day .Covid Restrictions

15 August, 2020

50

2

Engineers Day COVID restrictions

15 September, 2020,

45

3

Gandhi Jayanthi Online

02 October, 2020

175

4

Republic Day under COVID restrictions

26 January, 2021

80

5

International Womens Day ,Webinar

8 March, 2021

165

6

World Earth Day ..webinar

22 April, 2021

85

7

National Technology Day ,webinar

11 May, 2021

205

8

## World Environment Day ,webinar

05 June, 2021

265

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.2 - Best Practices**

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

**1) Capsule Training:**

Industry has requirements of engineers in various fields with specific skill sets. After knowing their needs, we inform it to students and those who are interested in the given area, the training is imparted either by our own faculty or external agency, to which we call it as a Capsule Training.

e.g. If an IT industry needs engineers in 'cloud computing' ,then interested students in the said area are trained and subsequently they appear the interviews and get selected. Such a system of training fetches higher success rate of selection of students and becomes a win- win situation both for industry and institute.

. In addition to this MoU is signed with Barclays to provide soft skill, aptitude and personality development training, which is under their CSR activity. A software named as 'SPRUCE' is provided to students of first year to final year ,where students can practice online softskill, aptitude tests, English vocabulary ,grammar etc, under the expert's supervision of service provider, which benefits them during placements.

**2) Training in Emerging Area**

Few of the emerging areas are identified viz. Automation and robotics, Cloud-computing, Sales force, PLC SCADA, Tecla, Hit-Office, Azure, Cyber security, AI-ML, e-Plan, Lab-view, PEB etc and institute has approached experts /working professionals in the industry and with assistance of them, training sessions were organized for students as well as teachers. One case study is presented as under

2.1) Company Profile: Metamorphosis Eigentech India Pvt Ltd. (MEIPL), Sanaswadi

MIDC Dist. Pune

The company is essentially involved in manufacturing of welded ,steel plain and composite seamless tubes, having multiple manufacturing facilities near Pune. They are renowned for their versatility in providing tubular solutions to industries ranging from Automobile, General Engineering, Mechanical Tubing, Construction, Mining, Agriculture & Farm Industries, Power & Energy sector, boiler and heat exchanger manufacturers etc.

CEO of the said company along with two of his other colleagues (consultants having 35+ years of industrial experience) spoke to our students about Automation and Robotics. They conducted written tests and personal interviews and short listed 15 students from Electrical and E and TC Engineering. All of them trained our teachers and students on weekends and during holidays, right from basics to applications.

Outcome of the training

8 No of students got placed in their own industry with attractive packages at the end of first year of training. In subsequent years the company is recruiting 8-10 students each year.

Another case study is as under:

1. HIT-OFFICE ERP Software training for Civil Engineering students

This training has following objectives:

Objective:

- Readymade Databases of Resources, Specifications and rate analysis.
- Prototype Quotation and quotation wizard for quick quotation preparation.
- Import from MS Excel.
- Estimate related measurements using mathematical expression (formulae) Length Breadth Depth (L.B.D) and trigonometric functions.
- Sub-contractor comparison.
- Profit margins per resource type i.e. material (labour, tools, machinery, subcontractor.)
- Various analysed output Reports.
  
- Resource Requirement
- Tender Documents
- Detailed Rate Analysis, ABC Analysis etc

About the Hit-Office ERP software:

Every industry strives for making more profits and make business sustainable through systemization, standardization, instant information, smart analysis and quick decisions. This is exactly where an Enterprise Resource Planning (ERP) software system, named 'Hit-Office' is specially designed for the construction industry. It is one such software product that has been widely accepted by professionals in India and abroad. Developed after in-depth study of the processes, the said ERP consists of several modules, like Quotation ,Project Management , Purchase and Inventory Management and Sales modules, finance and accounting etc with a strong provision of Management controls. It enables to track the company's financial and accounting & helps to manage planning, forecasting & decision making

The training sessions of total 100 Hrs were organized for the students and faculty. Post training, software was made available for practice sessions of students, for next three months. This software training is NOT a part of course curriculum.

Outcome:

It helped students to understand about utilization of software and integrate the various departments/sections of construction firm, into single, accessible and efficient system at one place. The students got placed in few of the firms as companies were happy to get industry ready students.

Note: Such a type of training, was given to students of all the programs and it resulted in getting students placed in reputed companies.

File Description	Documents
Best practices in the Institutional web site	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 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

SRCOE is a self financed, privately owned ,located at rural part of Pune City, has the following salient features.

1. Approved by AICTE, New Delhi, DTE, MSBTE, Govt. Of Maharashtra and affiliated to SavitribaiPhule Pune University, Pune.
2. It is a beautiful, lush green, eco-friendly campus with state-of the-art infrastructure spread over 11 acres of land.
3. Dynamic, dedicated, experienced, qualified and result - oriented, young teaching faculty.
4. Well-equipped laboratories, Workshop, language lab etc.
5. Excellent Computer Center with 24x7 high speed internet connectivity and ICT infrastructure for Online classes/webinars etc
6. Food Safety committee is in place which ensures that hygienic food is served in hostel mess and canteen of the institute.
7. Excellent Library and information center with rich collection of textbooks, reference books, national and international journals, NPTEL, MOOCS, SWAYAM facility is available. e-Books, e-Journals and digital library- section with audio video is available. Reprographic and document scanning facility is made available.
8. Students and teachers are encouraged for industrial training/internships.
9. Workshop/seminars/hands on training on latest technology and value added courses are provided to the students which assist in enhancing their employability skills. Start-up, Innovation

Entrepreneurship development cells are established and are functional.

10. MOUs are signed with different industries.

11. Regular soft skill, aptitude training programmers & MOCK interviews are arranged. However in COVID pandemic, online recruitment sessions were organized.

12. Conduct/arrange guest/expert lectures and orientation programs.

13. Cultural, sports and extracurricular activities are organized. Play grounds for various sporting events (indoor and out-door), well equipped gymkhana is available

15. To and fro transport facilities from Pune city to college campus.

16. Extra remedial lectures / guidance classes are arranged for slow learners to improve their academics.

17. Rigorous industrial visits are organized for practical exposure. Advanced learners are motivated to participate in Hackathons, technical competitions, paper writing, poster presentations etc.

18. Training & placement cell, provides jobs, project sponsorships and assistance for Industrial Visits & guest lecturers etc.

19. Yoga, meditation regular session by Heartfulness Institute

20. Career counseling sessions /guidance for GATE, TOFEL, GRE, UPSC/MPSC, etc. is organized

21. Earn & learn scheme is in place; also educational loan facility for desirable and eligible students is made available



## 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

i. **Planning for the Term:** All the departments prepare academic calendar in line with the academic calendar prescribed by the University which consist of all technical, co curricular and extracurricular activities in detail.

ii. **Finalizing of faculty member for each subject and Electives to be included in next semester and Preparation of Timetable:** Immediately after the end of previous term and well before the beginning of next term the , each faculty member submits his/her subject preferences to the Head of the Department (HOD).

iii. **Preparation by each faculty member:** Once the subject is allotted to the faculty member, he/she prepares the teaching/lesson plan and the course file.

iv. **Academic Monitoring Committee:** A Guardian Faculty Member (GFM) is appointed for each class to monitor day to day conduct of theory and practical classes as per time table and academic planner.

v. **Resource Planning:** Instruments which require repair or are obsolete are identified. Yearly budget is prepared based on consumables and equipment requirements for various labs and purchased accordingly.

vi. **Selection process of final year projects:** Project coordinator is assigned to final year students who assign project guides to these student groups as per area of specialization of the faculty member.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
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 schedule of end sem oral/practical theory examination is prepared by the University and the same is displayed on notice board for students. In case of any change in the University schedule, same is communicated to concerned teachers and students .

1. Preparatory Exams are conducted every year before university exams.

2. Every teacher conducts regularly, MCQs based class tests.

3. Online tests are conducted by teachers with the use of Google forms . This has helped us during COVID pandemic times.

Along with continuous internal evaluation, academic Planning contains information regarding the following activities.

a) Working period: The total working days, as provided by the university are around 240 days and out-of-them 180 days are reserved for teaching work and remaining days are used for co-curricular and extra-curricular activities.

b) Curriculum activities: The academic diary includes the complete teaching learning process. It also contains teaching plan and execution of activities.

c) Co-curriculum activities: The unit test, common test, Term test, practical, Viva-voce exam, assignment project, seminar, to be conducted.

d) Extra-curricular activities:. Celebration of various national and international days. And other social activities to be conducted by NSS at the college and NSS adopted village.

File Description	Documents
Upload relevant supporting documents	<a href="#">View File</a>
Link for Additional information	Nil

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating**

**E. None of the above**

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

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	No File Uploaded

## 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**

6

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

**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)**

3

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

192

#### 1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

174

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

### 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 college has been working for the development of the students. The various programmes are arranged related to Gender Equality, Sustainability, Human Values and Ethics. The college teachers engage the students in various activities through Expert lectures, N.S.S.programmes. The environmental issues are dealt in detail in the classroom through a regular subject entitled as 'Environmental Awareness' this subject is taught by special teachers in the class. The said subject include the chapters such as, Scope & Nature of Environment Science, Natural Resources, Eco System, Bio- Diversity, Pollution, And Social Issues & Population.

A special 10 days residential camp is conducted by the N.S.S Department for their students to familiarize with the prevailing problems of rural India. The students are also engaged in value added programmes to make them aware of responsibilities and the

professional ethics. Especially we are proud enough to state that we have not noticed till this date any major issues of Ragging and complaints from students about their harassments.

For newly admitted students we conduct Students Induction Program where ethics, human values, social work, awareness about environment, soft skills, guidance on yoga meditation, cultural activities, career guidance is imparted.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	<a href="#">View File</a>

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

5

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View File</a>
Number of courses that include experiential learning through project work/field work/internship (Data Template)	<a href="#">View File</a>

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

91

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

#### 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**

File Description	Documents
URL for stakeholder feedback report	<a href="#">View File</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View File</a>
Any additional information(Upload)	<a href="#">View File</a>

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

**B. Feedback collected, analyzed and action has been taken**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="http://www.srespune.org/feedback-form">http://www.srespune.org/feedback-form</a>

#### 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 sanctioned seats during the year**

**1278**

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

## 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

458

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 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 students admitted in the college are coming from various economic sections and communities of the society. Most of the students are from backward categories i.e. ST, SC, and OBC. The college is very much aware about their overall growth and social upliftment in the society.

College has a fair system for admission process and all the guidelines/norms of Central Govt and State Govt are strictly followed.. The students are admitted in the institution without considering caste, creed, and gender, and religion, social and economic status. The reservation policy is strictly adhered while admitting the students during each academic year. After the completion of admission process, regular classes commence as per the college time table and academic calendar which are published well in advance.

After admissions college adopts a process to identify slow and advance learners among students. Advanced learners and slow learners are identified as per their responses in the class room as well as the performance in the Unit tests, internal examinations. After knowing slow and advanced learners, the teachers prepare separate list of slow and advance learners and

conduct extra lectures for weaker students. The teachers observe that whether the students are easily understanding the lesson. If they do not understand the topic or teaching of a teacher, the same is explained again in an easy way with few examples. This is the formal way to complete the teaching-learning process and it is also convenient to both teacher and students. For better understanding use of PPTs, animation, practicals, field visits, expert lectures etc is done. Advanced learners are encouraged to raise their queries freely and teachers clear it till students get satisfied. Students are motivated to refer reference books, hand-books, IS, DIN etc and other standards, journals, manuals of various companies for bettering their understanding in terms of real life problems and expose them to different concepts, products available in the market. Home assignments, projects, seminars on emerging technologies, elective subjects on latest trends, GDs, Quizzes, webinars of experts from industries etc are arranged as well as students and teachers are motivated to attend webinars/seminars of their own interest, in order to enhance quality in teaching-learning process. They are also encouraged to apply for different competitive examinations. They are motivated to participate in seminar presentation, Poster presentation, quiz competition, debates at university level and college etc.

Following activities are done by teachers for students:

Slow learners:

1. Individual counseling.

Advance learners:

1. Advance notes
2. Seminar sessions
3. Participative learning sessions : Group task, presentations
4. Experimental learning sessions i.e. Industrial Tour, lab experiments.
5. Projects
6. Assessments



## 7. Group discussion sessions

File Description	Documents
Link for additional Information	<a href="http://www.srespune.org/learning-levels-of-students">http://www.srespune.org/learning-levels-of-students</a>
Upload any additional information	No File Uploaded

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

Number of Students	Number of Teachers
1005	84

File Description	Documents
Any additional information	<a href="#">View File</a>

### 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

College conducts various student centric activities throughout the year. The learning becomes more experiential, participatory and socialistic by organizing activities like group discussions, model making, field visits, debates, quiz, assignments, seminars, project work, visit to industrial exhibitions, and publication of wallpapers, writing articles, poetry recitation and power point presentation. The college organizes co-curricular activities, extra-curricular activities, sports and cultural events which help the students for their all-round personality developments.

Team spirit and leadership qualities are developed in the students through group discussions, project work and organizing workshop on useful topics like stress management, communication skills, personality development and time management. The college promotes creativity amongst students by encouraging them to publish articles in the college magazine and wall papers. The college has annual publication (magazine) "KSHITIJ", where students are assigned different tasks related to magazine viz proof reading, typing, editing etc which help to improve their creative and administrative skills. To imbibe patriotic and

social values among students various Days like Teacher's Day, Independence Day, Republic Day, NSS Day, Maharashtra Day, and Anniversaries of national heroes are celebrated. NSS cell conducts activities like Blood Donation Camps, Health, diet and fitness awareness Campaigns, Tree Plantation, De-addiction Drives, Swatch Bharat Abhiyan, Water-electricity conservation & management, and Drive for Fund Raising during Natural Disasters in order to make the students responsible citizens.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	<a href="http://www.srespune.org/student-centric">http://www.srespune.org/student-centric</a>

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

The classrooms and labs are ICT enabled with projectors installed and the campus is enabled with high speed Wi-Fi connection. The faculty use various ICT enabled tools to enhance the quality of teaching-learning, which are listed below and were predominantly used in COVID pandemic.

1. Google classroom is used to manage and post course related information- learning material, quizzes, lab submissions and evaluations, assignments, etc.
2. Virtual labs are used to conduct labs through simulations.
3. Online drawing tools like concept maps, mind maps, are used to perform student centric activities.
4. The PPTs are enabled with animations and simulations to improve the effectiveness of the teaching- learning process.
5. The online learning environments are designed to train students in open problem-solving activity.
6. Media lab facility is used to create video lectures and upload in appropriate platforms for students to use as extra learning resources.
7. Lab manuals are mailed to students well in advance the experiment is performed.

8. Online quizzes and polls are regularly conducted to record the feedback of the students.

9. To teach mathematical subjects in online mode, teachers use various online tools like- whiteboard in Microsoft teams, Jam board in Google meet, etc.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="http://www.srespune.org/ict-tools">http://www.srespune.org/ict-tools</a>

### 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

84

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

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

84

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

**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**

04

File Description	Documents
Any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

**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**

461

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

**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.

Institute follows SPPU's guidelines for the internal assessment of the theory and laboratory. In addition to that institute has carefully designed and implemented the parallel mechanism to ensure preparedness of the students. Complete transparency is maintained in all forms of internal evaluations. Two internal examinations, namely Mid-term and End-term in each semester are planned in academic calendar and executed as per schedule. After assessment, answer sheets are distributed and discussed with students for their benefit and to maintain transparency in the evaluation. Retest is planned for students having unsatisfactory

performance by giving them sufficient time for preparation. Examination results are displayed on notice boards. Overall performance, attendance, feedback about the student is communicated to parents by mentor faculty.

#### Term work (TW) assessment

Various assessment parameters, their evaluation process and criteria are discussed by each course teacher with students at the beginning of every term. Performance of each student for practical sessions is recorded weekly in continue assessment scheme in front of student. TW of a student, which carries weightage in final university result, is evaluated based on performance in continue assessment scheme. During practical sessions, course teacher discusses significance, advancements and applications of the contents. Teacher identifies advance learners and gives them challenges on selected topics. Concurrently teachers make an attempt to identify slow learners and help them.

Department evaluation tools are introduced by institute for assessment and evaluation of performance of student. Depending upon suitability, one or more tools such as Presentations by students, Open book test, MCQ, Assignment, Tutorial, Group Discussions, Case study etc are used for every course in the semester.

#### Project work assessment

Twice in semester presentations are arranged to review progress of project work and evaluation sheets are maintained. These reviews forces student to be on toes and complete work in defined time. This enables student to remain focused, confident, improve presentation skills and communication skills

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	<a href="http://www.srespune.org/mechanism-of-internal-assessment">http://www.srespune.org/mechanism-of-internal-assessment</a>

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

- Basic eligibility for evaluation process is made known to students through college Website, notice boards and class counseling.
- Institute notifies evaluation process and related documentation on the notice board this includes distribution of marks and schedule of internal evaluation and university evaluation.
- Institute also notifies the criteria for allocation of term work marks through notices and class counseling.
- Continuous assessment report for all the courses is displayed in respective laboratories every month.
- Staff meetings are conducted periodically to review the evaluation process.
- Display all unit tests marks within a week after end of unit tests.
- Display term work marks at the end of each semester for students information
- Solving grievances of students if any.
- Two internal examiners are appointed for each subjects to evaluate final internal Marks.
- At the end of each semester, The HOD verifies the internal marks for all the
- 

SPPU Procedure for Submission of Application for Supply of Photo Copy of Assessed

Answer Book(s):

1. The Application form filled in and signed by the examinee only.
2. The application shall be submitted by the examinee, along with the requisite fees, within ten days.
3. The candidate shall submit their application forms along with the requisite fees to the Principal/Director of the college/institution.
4. Students of University Departments shall apply directly to the Controller of

Examinations through the Head of the Department concerned

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	<a href="http://www.srespune.org/examination-grievances">http://www.srespune.org/examination-grievances</a>

## 2.6 - Student Performance and Learning Outcomes

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

Shree Ramachandra college of engineering is established with a vision to impart quality technical education to the student community. The vision and mission of the institution are established after continuous deliberations with all its stakeholders. In the process of realizing the vision, mission, program Outcomes (POs), PSOs, COs the organization took utmost care to circulate all the above to its students and staff of the institution.

Shree Ramachandra college of engineering ensures quality in teaching learning process through realizing its vision and mission.

Course Outcomes (COs) are derived at Department Committee meetings. Department committee also approves the objectives and outcomes for each course after discussions with the teaching faculty of that course along with one subject expert. The course outcomes and their mapping with program outcomes and program specific outcomes are elaborately discussed and derived by the committee members. Even though the COs are given by the SPPU along with the syllabus, if necessary, the COs are modified and reframed by the course committee members for better content delivery. COs are communicated to the students during the introduction class itself. COs along with lesson plan are prepared and issued to the students during the first class. During the discussion of the course, the outcomes of the course are also focused. During the commencement of each unit and after the completion of the unit, the course outcomes are reviewed.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="http://www.srespune.org/learning-outcomes">http://www.srespune.org/learning-outcomes</a>
Upload COs for all courses (exemplars from Glossary)	<a href="#">View File</a>

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

The development expected in students on completion of the program of study is informally repeated by teachers to make students aware of the same. Teachers prepare learning objectives of the subjects they teach and the same is shared with students. It is also documented in academic activities files. General expectations of student enrichment are displayed on the campus at places frequently visited by students. Students learning outcome of the program of study is shared with students in the department by teachers. In addition to this, all the key stakeholders are made familiar with program outcomes through faculty workshops, student workshops, student induction programs, faculty meetings, parent teacher interaction, Industry interaction etc. The Course Outcomes are communicated to the students by the respective faculty .In addition to this the course outcomes of all subjects are hosted in the respective department website. Course outcomes of laboratory courses are published in the respective laboratory and in the lab Manual.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="http://www.srespune.org/images/Course_Outcome_Assessment_Process.pdf">http://www.srespune.org/images/Course Outcome Assessment Process.pdf</a>

### 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

309



File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="http://103.97.164.44/library/Creteria%20II/I/Result/">http://103.97.164.44/library/Creteria%20II/I/Result/</a>

## 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)**

<http://www.srespune.org/student-satisfaction-survey>

## 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

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

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

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

0

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

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

#### 3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

66

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.2 - Research Publications and Awards

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

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

23

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

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

**3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year**

3

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

**3.3 - Extension Activities**

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

The institution is abided by the concept and idea of making sensible and responsible citizens. Following the same various Engineering departments, Student Welfare department, Sports department and N.S.S. often organize programs based on social and community welfare. The few can be named here are-Awareness of food nutritive value and eating habits Balanced Diet, Blood Donation Camps, Tree Plantation Programs, World Water Conservation Day, World Yoga Day, Helping hand By NSS Team, Corona (COVID 19) Awareness Program, Online CHESS Tournament, Stress Management and Science behind it,?? (Mask Distribution), FITINDIA Movement. Such programs help students to come in closer contact to their society and community. Also they get about various social problems and customs prevailed in the society, and in way students try to find solutions of many problems and adjust with the society, which enhances their personality. Under these programs; especially various awareness rallies help students aware regarding their personal and societal roles and responsibilities. These programs help students in their holistic development and induce in them leadership quality, feeling of oneness and cooperation. Few programs especially like yoga develop students spiritually also. With this they develop qualities like oneness, brotherhood and sportive facing competition healthily. It is also assured that under various guidance and counselling programs students get proper information regarding their higher education and choice of career. Under such activities it is also wished that students get their desirable jobs and reach their goals which would add to their self-satisfaction. While informing and helping people students themselves get sensitized against these social issues. Thus,

students not only propel in education and career rather become responsible citizen for a better society and community; developing themselves physically, culturally and spiritually. Hence, it has been seen that students under these programs develop in holistic manner and for which the college also stands abide by.

File Description	Documents
Paste link for additional information	<a href="http://www.srespune.org/nss-activity">http://www.srespune.org/nss-activity</a>
Upload any additional information	<a href="#">View File</a>

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

#### 3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies 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)	<a href="#">View File</a>
e-copy of the award letters	No File Uploaded

### 3.3.3 - 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

#### 3.3.3.1 - 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

15

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	<a href="#">View File</a>

### 3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

#### 3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

200

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 3.4 - Collaboration

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

14

File Description	Documents
e-copies of linkage related Document	<a href="#">View File</a>
Details of linkages with institutions/industries for internship (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

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

13

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

**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.

**Adequacy of infrastructure:-** The campus area is 11.5Acres having classrooms (25 Nos. total area 1674.12sq. m), laboratories (58 Nos. total area 3875.59sq. m), Seminar halls (3 Nos. total area 423 sq. m), Classrooms with LCD facilities(18 Nos.), Seminar halls with ICT facilities (03 Nos.), Audio-Video Centre (01 No.)

**Physical facilities:-** In any of the teaching -learning environment, buildings, playgrounds, equipments, machinery, instruments for measurements, portable devices, ICT infrastructure etc are provided to enhance efficiency of work at administrative, T\_L and allied activities as well as to meet the criterion of regulatory authority. Hence the institute has sufficient built-up area/buildings comprising of class rooms, well equipped laboratories, work shop, seminar halls, drawing hall, tutorial rooms, computing Centre, language lab, a rich and resourceful library, reading room, computers, plotters, printers, LCD projectors, smart boards, application and system software are available in adequate numbers as per AICTE/MSBTE/DTE/Affiliating -University norms etc. The built-up area includes Admin, Instructional, Amenities and Circulation areas.

The institute is having boys and girls hostels, mess, indoor and

outdoor game facilities, Gymkhana, fleet of buses (own - transport), roof - top solar plant (25kW), biogas plant and R.O. plant for water purification, water coolers etc. The generator and UPS back - up, lifts, ramps, and W.Cs, boys and girls common rooms are also made available. Facilities for Fab lab, Innovation & Start-up, NSS, SWO, Cultural cells, stores and stationary room etc.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.srespune.org/physical-facilities">http://www.srespune.org/physical-facilities</a>

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

**Facilities for sports:-** Sport provides healthy leisure time for staff and students. In coordination with the student physical director of college, the schedule of the events for the a given academic year is prepared and displayed on notice boards well in advance for the information of staff and students. Sport committee is appointed/constituted for organizing/co-coordinating various events inside/outside the campus & for sorting out grievances if any and for maintaining discipline during the matches .

**Facilities for game:-** College has sports facilities listed as under.

**Indoor facility -** Badminton court -2, Table tennis -2, Kabaddi mats -15 Nos. and Carom & Chess facility.

**Outdoor facility -** Kabaddi grounds, Volleyball ground, Ball badminton, Cricket, Kho-Kho, Handball, Netball . Basket ball court are available.

The college playground has an approximate area of 2 acres and on an average ,100-150 students use it.

**Cultural Activities:-** Institute provides necessary facilities and encourage students and staff to participate in cultural activities. We organize various competitions like dance, singing

, essay writing, debate, rangoli, flower decoration, poster presentations, painting ,salad decoration etc. During COVID-19 crisis, we have conducted online cultural events, Chess, Yoga and Meditation and relaxation techniques etc. Separate cultural room is made available for preparations and faculty is allocated for taking care of this activity.

Yoga Centre- There is no separate yoga-center as such, however, in seminar halls, open spaces, ground etc. we conduct yoga programs. We have tie-up with Hurtfulness and Sahaj Yoga to conduct yoga sessions, under the supervision of experts from the field.

Gymnasium: - The college has well-equipped indoor and outdoor Gymnasium, which is used by the students and staff. Separate time slots for various users are made available.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.srespune.org/sport-gallery">http://www.srespune.org/sport-gallery</a>

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

28

##### 4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

28

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.srespune.org/ict-tools">http://www.srespune.org/ict-tools</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 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)****44.74551**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

**4.2 - Library as a Learning Resource**

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

**Data of the year 2020-21**

- Name of ILMS software- Autolib Web OPAC
- Nature of automation (fully or partially)- Partially
- Version-• Web OPAC
- Year of Automation- 2015

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="http://150.129.130.212/autolibwebopac/">http://150.129.130.212/autolibwebopac/</a>

**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	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

#### 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)

0

File Description	Documents
Any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

#### 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

1

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	<a href="#">View File</a>

#### 4.3 - IT Infrastructure

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

IT Facilities with Wi -Fi speed: In the institute total number of computers available = 391Nos. It's distribution is , 190 Nos in computer labs, 100 in computer centre, 20 in office, 80 in departments and 1 in server centre. Sufficient numbers of computers and software are available as per norms, Internet Wi-Fi

speed is 300Mbps with two leased lines. College campus is facilitated with 24 x 7 free Wi-Fi to all students and staff. Similarly institute has LCD projectors, smart digital boards, printers, audio-video facility, all requisite application and system software. All seminar halls are equipped with PA systems, LCD projectors, screens, laptops etc. System administrator along with lab technicians take care of IT infrastructure. AMC of all PCs, software, laptops, LCD projectors is signed for routine and breakdown maintenance. CCTV cameras are mounted in computer center for safety and vigilance purpose. A portable high resolution Nikon camera with video recording facility is available and TAs are trained for its usage.

Office staff and HoDs monitor and supervise the utilization and maintenance of IT infrastructure. The college admin office receives the budgetary requirements for computer systems, software etc prior to the commencement of academic session and its allocation is done as per academic requirements of various departments. Computer center and server room is having UPS back-up and all computer labs are connected to Generator supply, so as to get immediate power supply, in case there is failure from MSEDCL.

Optimal utilization of infrastructure is ensured for conducting workshops/webinars/training programs for faculty and students on the use of ICT. Effective utilization of infrastructure is ensured through appointment of adequate and well-qualified lab technicians/system administrator etc. Renewal of AMC is done at the beginning of the academic year for the deployed software applications, UPS and Generators.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.srespune.org/wifi-connectivity">http://www.srespune.org/wifi-connectivity</a>

#### 4.3.2 - Number of Computers

391

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Student – computer ratio	<a href="#">View File</a>

**4.3.3 - Bandwidth of internet connection in the Institution**

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

**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)**

36.11118

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts.	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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.

**Physical facilities :-** In the institute buildings, playgrounds ,infrastructure for labs ,ICT facilities are available for effective conduct of T-L ,Co-curricular and extracurricular activities and it also meet the requirements of regulatory authorities . The institute has sufficient built-up area/buildings comprising of class rooms, well equipped laboratories, work shop, seminar halls, drawing hall, tutorial

rooms, computing centre, language lab ,a rich and resourceful library, reading room ,computers, plotters ,printers, LCD projectors, application and system software are available in adequate numbers as per AICTE/MSBTE/DTE/Affiliating -University norms etc.

The institute is having its boys and girls hostels ,mess ,indoor and outdoor game facilities, fleet of buses (own -transport) ,roof -top solar plant (25kW), biogas plant and R.O. plant for water purification. The generator and UPS back- up, lifts, ramps, and WCs, boys and girls common rooms are also available.

Academic facilities :- The classrooms, seminar halls well equipped laboratories with enough seating capacity and LCD projectors and internet connection are available.

Maintenance of library facilities:-The books and journals are maintained against disfiguring. Stock verification is done as a part of regular monitoring and control. The College has constituted Library Committee for effective accessibility of learning resources to students and faculty. Pest control has been done in library to maintain safety of books from termites. Fire extinguishers are provided in the library and a safe access to maid road is available.

Classroom facilities: - Classroom ambiance is maintained by daily cleaning the floors, black boards and occasionally cleaning benches. Electrical equipment is like lights, fans, switchboards, LCD, ceiling, working kit etc. are under regular observation and maintained as per requirement.

Sports facilities: - A Gymkhana committee is constituted which manages and organizes the various sports events within the campus and outside the campus. The maintenance of sports facilities, Gymkhana facilities etc. is done, with the help of our workshop and other staff, be it a civil, mechanical, electrical maintenance part. Very rarely the outside agency's help is sought to keep the equipments in up to date condition. Rollers, sprinklers etc. are available with us to maintain the playground. When events like cricket, football, Khoko-vollyball etc. are organized. A budgetary provision is made available for the same.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://www.srespune.org/physical-facilities">http://www.srespune.org/physical-facilities</a>

## 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

1180

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

#### 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

38

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>
<b>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</b>	<b>B. 3 of the above</b>
File Description	Documents
Link to institutional website	<a href="http://www.srespune.org/sport-gallery">http://www.srespune.org/sport-gallery</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>
<b>5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</b>	
<b>1188</b>	
<b>5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</b>	
<b>1188</b>	
File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>
<b>5.1.5 - The Institution has a transparent mechanism for timely redressal of student</b>	<b>A. All of the above</b>

**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	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

## 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

20

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 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

05



File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of student progression to higher education	<a href="#">View File</a>

**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**

1

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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.**

2

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
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)	<a href="#">View File</a>

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 )

**Name of Committees**

**Participation of students?**

**Remark**

**Student Council**

Yes

We have formed Student Council for students under Board of students Development, SRCOE Pune.

**Anti-Ragging Committee**

Yes

We have formed Anti-Ragging Committee under Board of students Development, SRCOE Pune.

**Students Alumni Association**

Yes

We have Students Alumni Association, in which all our college pass-out students are enrolled.

MESA, EESA, ETESA, CESA, COESA

Yes

we have students associations at all department level.

File Description	Documents
Paste link for additional information	<a href="http://www.srespune.org/student-charter-2017-18">http://www.srespune.org/student-charter-2017-18</a>
Upload any additional information	<a href="#">View File</a>

**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**

21

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

**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

Date of registration: - 28-02-2017

Registration no: - 309/2017

No of registered /enrolled Alumni till today: - 276

No of registered /enrolled Alumni 2020-21: - 105

Alumni contribution during the year (in Rupees): Rs. 1000/- for degree, Rs. 1500/- for post graduate and Rs. 800/- for diploma

File Description	Documents
Paste link for additional information	<a href="http://www.srespune.org/student-charter-2017-18">http://www.srespune.org/student-charter-2017-18</a>
Upload any additional information	<a href="#">View File</a>

**5.4.2 - Alumni contribution during the year (INR in Lakhs)**

A. ? 5Lakhs

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## 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

For participative management, the Principal, HODs, Faculty and student representatives, form the core part of the IQAC team as well as College Development Committee. We have Department Advisory Board and it helps to bridge the gap between industry and academia, suggests additional academic, extracurricular-technical training (both theoretical and practical) aspects to bridge the gap.

Our vision is to be renewed technical institute, imparting quality education. The Leadership is inclusive in nature and seeks valuable guidance of all stake holders for the betterment of students, Lab developments etc. The prospective plan of institute for next five years is ready that comprises of Staff, Lab, and Infrastructure and Technology development plan.

Internships, Industrial Training for teachers, add on courses/hands on training, are

Provided to the students to enhance their employability. The management, staff and

all stakeholders work hand in hand for bettering tomorrow. In Covid-pandemic times, we could conduct Online training of staff and students, organised webinars on upcoming technologies, soft skill and aptitude training of final year students.

File Description	Documents
Paste link for additional information	<a href="http://103.97.164.44/library/Criteria-6/Vision%20Mission%20Objective.pdf">http://103.97.164.44/library/Criteria-6/Vision%20Mission%20Objective.pdf</a>
Upload any additional information	<a href="#">View File</a>

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization

and participative management.

YES-It's available.

The institution is steadily moving from conventional to automated Management Information Systems (MIS). The following systems are fully functional in the Institute from last few years.

1. Biometric Attendance System for Staff
2. Library is fully automated and uses "AutoLib"-software, for issue and return of books.
3. Complete college Management System (ERP) and RED (LMS) is available.
4. Institutional email system/Issue of various circulars, notices. Time-Tables, Assignments etc.
5. Result and Students Performance Analysis System
6. Online system for Daily Reports
- 7 MOOC and Google Classroom
8. CCTV and Security Systems
9. Publications in e-version.
10. Android based Apps for various societies and events.
11. Staff and students approved by SPPU, MSBTE etc
12. Admissions of UG, PG, and Diploma etc. are done online.

The students are encouraged to develop apps, websites and software as per the requirements. A software development cell of students, guided by teachers, is working on various projects. The social media profile of the institute is also actively managed by the team of students. The latest news, updates and information about college activities, is provided to various stakeholders through, face book, LinkedIn, What's up App and other social media platforms.

File Description	Documents
Paste link for additional information	<a href="http://103.97.164.44/library/Criteria-6/6.1.2_Org.%20chart,%20Committee%20chart.pdf">http://103.97.164.44/library/Criteria-6/6.1.2_Org.%20chart,%20Committee%20chart.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

### Curriculum Development:

We are affiliated to SPPU, Pune and follow the curriculum and syllabus prescribed by the University for all its Courses. Affiliated Institutions are not authorized to make any change in curriculum. After every 5 years, University revises syllabi of various courses. Institute being relatively young we have currently no BOS member. However, we gave suggestions regarding modification of syllabi to university.

### Deployment of Curriculum:

1. We follow a holistic approach for growth and development of students. Our teaching and learning methodology includes brainstorming, paper presentations, quizzes, group discussions, hands on activities, case studies etc.
2. We provide adequate infrastructural facilities for teaching learning process.
3. Well qualified, experienced and dedicated faculty members are back-bone of Teaching-Learning process.
4. Computer Laboratories with latest configured hardware and software are provided. All the laboratories of various UG programs run by institute are well equipped and well managed. Calibration of certain machinery and instruments is carried out in order to get accurate readings, while performing experiments.
5. Mentoring of slow learners by GFM and each GFM has a group of 10-15 students whose overall growth and development is continuously monitored and their problems are discussed and counseled.

6. Faculty members are encouraged/deputed for Orientation Program, Refreshers Courses, Workshops/Seminars and FDPs to upgrade their skills and keep themselves engaged in learning activities, so that they can percolate the benefits of their updated knowledge and skills to students.

7. We motivate our faculty members to pursue higher studies.

8. We aspire to be abreast with the latest innovations and technological developments; hence we encourage faculty members to use innovative teaching methodologies. COVID pandemic has opened an opportunity to use online teaching learning platform and to suit the same, institute has modified IT infrastructure.

9. Campus is Wi-Fi and has adequate internet bandwidth which is useful for ICT activities.

10. Centralized digital Library is available where students can utilize online e-resources for learning, projects, research activities etc. It is having adequate number of titles, volumes, journals, magazines, newspapers etc. Remedial and extra classes are engaged for needy students.

#### Examination and Evaluation:

1. Institute is affiliated to Savitribai Phule Pune University, Pune and it conducts two online exams and one In-sem exam for FE & SE classes and TE & BE classes respectively. The Oral/Practical exams are also conducted as per the schedule given by affiliating university.

2. The End-sem exam is conducted after conclusion of the term and weightage of credits/marks are depicted in the course structure of university and is made known both to faculty and students, well in advance.

3. Term-work, Assignments, Seminar Presentations (for TE & BE classes), progress reports/presentations of project work is evaluated on continuous assessment basis.

4. Apart from this, each department conducts two unit tests per semester, preferably before the University exam; mock-viva, assignments and presentations by students are organized as a part of continuous evaluation.

5. A systematic approach is followed by all departments for conducting exams and continuous evaluation. Academic schedule/calendar is prepared and it contains all the activities related to exams and evaluation and is displayed well before the commencement of a given semester.

**Research and Development:**

1. All the departments of the institute have access to well-equipped computer laboratories with adequate infrastructural facilities and software to carry out the research projects.

2. For promoting research various online research journals are subscribed. The Institute's Central library facilitates research-oriented books, journals & e-journals for research references.

3. Almost all faculty members are provided with personal computer which helps them to carry out their research work.

4. The institute has Wi-Fi enabled internet facilities for the easy access to online resources.

5. The faculty members are encouraged to publish their research contributions in various National & International Journals and conferences.

6. The Institute encourages the research scholars by providing on-duty leave to focus on their research, activities.

7. The institute motivates the faculty members to attend research-oriented seminars /workshops / conferences, etc., by providing on duty leave.

8. The Institute encourages faculty members to pursue Ph.D. programs in reputed universities. The institute supports the researchers by providing high end computing facility with necessary software and modern equipments.

**Library, ICT and Physical Infrastructure /Instrumentation:**

1. The library resource viz. Web-OPAC can be assessed online and is available 24x7. Library is having reprographic facility.



2. For fire safety, fire extinguishers are available in the library.

3. Library is having 1 server and 12 computers (02 for library staff and 10 computers for students & faculty). Detailed list of currently subscribed journals are also uploaded on institute's website (both hard and soft journals).

4. Library is having computer terminals for searching course material online. Besides this, regular e-mails, messages are sent to faculty to update them with the information of library.

5. E-Data storage gadgets: Library also maintains the CD's received along with the text/reference books, soft copy of projects and seminars etc. It is issued to the users, on demand.

#### Human Resource Management:

1. We believe in the motto of team building and collective decision making. The teacher's strength is maintained as per the staff to student ratio as specified by AICTE.

2. The Institute organizes various orientation and knowledge enrichment programs for both teaching and non-teaching staff members for upgrading their skills in the latest technology.

3. Salary, pay-scale and increments are given to staff members as per norms which lead to employee satisfaction.

4. The management contributes an amount equal to the employee share for EPF with Pension scheme and Group insurance.

5. Institute grants Medical, Casual, On Duty and Special Leave to its faculty members. And Non Teaching gets Medical, Causal and Earned Leave as per the norms of University. It also provides Maternity Leave according to norms to its female members.

6. The Institute provides Special Leave for pursuing higher studies, attending enrichment courses/seminars/conferences/workshops and exam duties.

7. The faculty and staff members are entitled to avail summer and winter vacations as per guidelines of the University. We have Biometric, CCTV facility which is used for human resource management.

8. Yoga meditation, Personality development, and interpersonal relationship programs are conducted on regular basis for teaching and non-teaching staff

#### Industry Interaction /Collaboration

Efforts are made to build and maintain excellent rapport with the Top Management of various Organizations and Industries and forge collaborative Industry, Academia alliances. This provides a unique and a very good opportunity to students to learn theoretical concepts with practical/experiential learning. Institute has signed sufficient number of MOUs with major companies and the objective includes the sponsorships and support for projects, internships to students, industrial training to faculty, expert lectures, workshops/Seminars by industry experts

Participation in Governing Council and College Development committees etc. Some of the major companies which visited us or we visited their campuses, in the last two academic years, for campus drive, are listed as under. (During COVID pandemic, companies had online presentations and interviews.)

Admission of Students: It is done through "MH-CET"- an Entrance Examination conducted by DTE,Mumbai/Admission Regulating Authority (ARA) Government of Maharashtra, Mumbai and through "JEE(main)" exam. The entire process is online and through various CAP (Central Admission Process) rounds, admissions are effected. Reservation policy and eligibility criteria is as laid down by Government of Maharashtra/DTE/AICTE/Affiliating University, is strictly followed. The admission schedule is published on DTE-website, as well as through the leading newspapers and information brochure, immediately after the declaration of HSC (12thStd) results. Ours being an un-aided institute, 20% admissions are allocated at institute level, and institute to abide, the eligibility norms of DTE/AICTE/University/ARA etc. Admission schedule of ARA and Institute level admission schedule along with Public notice/advertisement to fill up vacant seats after all CAP rounds of Govt of Maharashtra, is also kept on college website, for the information of probable students.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="http://103.97.164.44/library/Criteria-6/6.2.1_Strategic%20plan.pdf">http://103.97.164.44/library/Criteria-6/6.2.1_Strategic%20plan.pdf</a>
Upload any additional information	<a href="#">View File</a>

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.

#### ADMINISTRATIVE SETUP:

With the hands-on experience of the management, the Institutional Management is designed in a scientific way with transparency to get the optimum results out of it. A hierarchical sets up is established from top management to down the level clearly demarking the Duties, Responsibilities, Accountability and Authorities at every stage.

It has an effective organizational structure which monitors and improves the institution. The organizational structure of the institution is given below.

#### List of Governing Body Members:

Sr. No.

Name of Member's

Designation

Signature

1

Shri. M.R. Bhumkar

Chairman

2

Shri. S.D. Bhumkar

Hon. Secretary

3

Shri. D.R. Bhumkar

Member

4

Prof. Dr. A. D. Desai

Member Secretary

5

Dr. D.R. Nandanwar

Member

6

Prof. A.S. Chandak

Member

7

Mr. A.N. Sable

Member

8

Prof. S.G. Nikam

Member

9

Prof. Mrs. Baravkar S.L.

Member

10

Prof. Gaikwad V.G.

Member

11

Mr. Kanche A.D.

Member

The Institution has a Governing Body. It is a Policy making body of the Institution and meets frequently and discusses the agenda prepared by the Principal. It reviews the performance of the institution and decisions taken in the previous meeting and also approves the policy decisions. The budget of the current academic year is finalized.

All new proposals are discussed and decisions is taken. Governing Body Functions:

1. To ratify the decisions of the academic advisory committee.
2. Approval of new courses recommended by the academic advisory committee
3. To appoint Principal, the teaching and non teaching staff on the recommendations of the selection committees constituted.
4. Scrutinizing and approving the budgetary proposals.
5. Suggesting and approving the student development programs.
6. Promoting industry institute partnership cell for student training and placement activities

7. To monitor and evaluate the teaching programs in the institute and suggest remedial measures
8. To constitute committees, sub committees & standing committees for specific purpose delegating appropriate powers.
9. Fix the fees and other charges payable by the students of the institute on the recommendations of the Finance Committee.
10. Approve institution of new programmes of study leading to degrees
11. Perform such other functions and institute committees, as may be necessary and deemed fit for the proper development, and fulfill the objectives.

The Institute has IQAC and the functions of IQAC are given below:

The Primary aim of the IQAC is to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the College. The IQAC will provide greater clarity and focus in institutional functioning towards quality enhancement and facilitate internalization of the quality culture The IQAC will contribute towards enhancement and integration among the activities of the College and institutionalize many good practices.

**IQAC MEMBERS:**

Sr. No.

Name of a Person

Designation

1

Prof. Dr. A.D. Desai

Principal

2

Prof.Sushil Nikam

Civil HOD

3

Prof.Vinod Badgujar

Computer HOD

4

Prof. M.K.Jadhav

Mechanical HOD

5

Prof. V.M.V.Rao

Electrical HOD

6

Prof.Dr.Sujatha Rao

AIDS HOD

7

Prof. D.N.Hodade.

FE Coordinator

8

Prof. Baban Londhe

SWO Officer

9

Prof. Ajeet Bhane

IIC Coordinator

10

Mr.Swapnil Bhumkar

Member from the Management

11

Mr. Siraj Patel

Senior administrative officer

12

Mr. Ankush Kanche

Senior administrative officer

13

Mr. Rahul Mule

Alumni

14

Mr.Pritam Kadam

Student

15

Mr.Santosh Bhandari

Local society

16

Mr.Santosh Bhujbal.

Stakeholder

17

Mr.Avinash N Sable



Director,

Vonass Control Panel Pvt Ltd.

18

Mr.Hemant Agarwal

CEO,MEIPL,Pune

19

Prof. G T Sawant

IQAC coordinator

The Department Advisory Board (DAB) Responsibilities:

Develop and recommend the Vision & Mission statement of the department & provide guidelines for formulation of programme educational objectives (PEOs) and Programme outcomes (POs).

Receive the reports of programme assessment committee and monitor the progress of the programme.

Look after the current and future issues related to programme.

Meet at least once in a year to review the programme.

Institute Level Committees:

1-Anti Ragging Committee

2-Code of conduct & discipline for students

3-Grievance Redressal Mechanism

4-Internal Complaints Committee

5-Industry Institute Cell

6-Implementation/Promotion of Government Schemes

7-Internal Quality Assurance Cell

**8-Student Grievances and redressal**

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	<a href="http://www.srespune.org/images/Organizational Chart.pdf">http://www.srespune.org/images/Organizational Chart.pdf</a>
Upload any additional information	No File Uploaded

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

B. Any 3 of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View File</a>

**6.3 - Faculty Empowerment Strategies**

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

**For Teaching**

Group Insurance Schemes, EPF, C.L. and medical leave are provided. The institute sponsors the research publications and registrations to academic conferences. Institute organizes workshops, FDPs, seminars and conferences. Best faculty award has been initiated and on festive occasions, lunch, snacks are arranged... Subsidized accommodation and meals are provided in the hostels. Transport facility of college buses is also available to faculty on chargeable basis.

**For Non-Teaching**

Earned Leave, EPF, Maternity Leave is provided. Accomodation, meals at college hostels and transport facility

#### For Students

Cash prizes and certificates are given to merit holders in sports and academics. Industrial trips are organized and several workshops, training sessions are conducted for their overall development. In campus hostel facility, with high quality amenities and meal is provided to students. Regular interaction with parents is done to ensure a coordinated effort for the welfare of the students. Medical check-up camp is organized each year. Visits of Medical officers to hostels, thrice weekly or on demand, medical counseling, entertainment facility, News papers, magazines, indoor and outdoor play grounds, open and indoor gymkhana, Physical director as a mentor for guiding students on various types of sports, Yoga-meditation sessions under supervision of expert in the field, arts and cultural cell, guidance on competitive exams, career counseling facilities are made available.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

#### 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)	<a href="#">View File</a>

#### 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**

5

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<a href="#">View File</a>
Reports of Academic Staff College or similar centers	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

**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**

52

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

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

The salient features of the performance appraisal system are as follows:

#### Teaching Staff

- a) The performance of each faculty member is assessed according to the Annual SelfAssessment for the Performance Based Appraisal System
- b) Promotions are based on the PBAS proforma for UGC Career Advancement Scheme (CAS) that is based on the API score.
- c) The institute undertakes a wide range of activities besides academics, for which faculty members are assigned additional duties and responsibilities, which are mostly voluntary. The Institute accords appropriate weightage for these contributions in their overall assessment.
- d) The faculty members are informed well in advance of their due promotion.
- e) The PBAS proforma filled by the Faculty Member is checked and verified by the Heads of the Departments, followed by the Dean, Secretary, IQAC and the Director.
- f) Faculty members whose promotions are due are recommended based on their API score and are required to appear before the screening-cum-selection committee.

#### Non-Teaching Staff

All non-teaching staff are also assessed through annual confidential reports and annual performance appraisal.

File Description	Documents
Paste link for additional information	<a href="http://www.srespune.org/images/AppraisalFormAICTE-Jan2022.pdf">http://www.srespune.org/images/AppraisalFormAICTE-Jan2022.pdf</a>
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

**Internal Audit:**

The internal audit is a continuous process. The finance committee and the Qualified Auditors from external resources have been appointed and a team of staff under them do a methodical verification on quarterly basis. The team verifies all payments, receipts, vouchers of the cash transactions, ledgers and cash book.

**External Audit:**

The external auditor/agency appointed by the college performs audit of the financial statements of the college. The financial records are audited by qualified chartered accountants at the end of each financial year. The financial records are certified i.e., income and expenditures, balance sheet and prepared notes to accounts are certified.

File Description	Documents
Paste link for additional information	<a href="http://103.97.164.44/library/Criteria-6/6.4.1_Audit%20Report.pdf">http://103.97.164.44/library/Criteria-6/6.4.1_Audit%20Report.pdf</a>
Upload any additional information	<a href="#">View File</a>

**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)**

3.5

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

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

Institute maintains & follows a well-planned process for the mobilization of funds and resource. The process involves various committees of the institute as well as the Department Heads and Accounts office. Institute has designed some specific rules for the fund usage and resource utilization. Mobilization of Funds, the student Tuition fee is the major source of income for the institute.

The management provides need-based loans to individual colleges.

Various government and non-government agencies sponsor events like seminars and workshops.

Alumni contribute to the institute by raising funds to purchase items like water coolers, wall clocks, etc.

Sponsorships are sought from individuals and corporate for cultural events and fests.

#### Utilization of Funds

A finance committee has been constituted to monitor the optimum utilization of funds for various recurring and non-recurring expenses

The purchase committee seeks quotations from vendors for the purchase of equipment, computers, books, etc.

The quotations are scrutinized by the finance and purchase committee before a final decision is made based on parameters like pricing, quality, terms of service, etc.

The Principal, finance and purchase committees along with the accounts department ensure that the expenditure lies within the

allotted budget. The intervention of the management is sought in case the expenditure exceeds the budget.

#### Resource Mobilization Policy and Procedure

Before the financial year begins, Principal and Heads of Departments prepare the college budget.

The institutional budget includes recurring expenses such as salary, electricity and internet charges, stationary & other maintenance costs.

It includes planned expenses such as lab equipment purchases, furniture, and other development Expenses.

The budget is scrutinized and approved by the top management and Governing Council.

Accounts department and Purchase department monitor whether expenses are exceeding budget provision

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File Description	Documents
Paste link for additional information	<a href="http://103.97.164.44/library/Criteria-6/6.4.3_Mobilisation%20of%20Funds.pdf">http://103.97.164.44/library/Criteria-6/6.4.3_Mobilisation%20of%20Funds.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 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

### 1. Activities and support from the Parent - Teacher Association

1. Parent Teacher Meeting was held on 09.02.2019. Regular meetings and telephonic conversations with the parents, on monthly basis is done and they are kept updated about the progress of their ward. In COVID times, meetings were held online.

2. Feedback from is given to parents to know their views about overall activities in the institute and valuable suggestions for improvements.

3 Parents are cordially invited for Students Induction Programme (SIP) of their wards on the first Day of College of students, every year. As per the guidelines of AICTE, SIP activities are planned.

4 Parents and students are informed about career planning and higher studies, social, co-curricular and extracurricular activities, job opportunities, entrepreneurship development etc.

### 2. Development programmes for support staff

1. Workshop on Stress Management conducted by Heart fullness Foundation/Art Of Living/Sahaj Yoga./Mana-shakti Kendra,Lonawala etc.
2. FDPs, Industry visits, motivation for research publications, higher studies, trainings on upcoming fields. Organized different games on memory enhancement techniques. Capacity building programs.
3. Guidance on Maha DBT-Scholarships, education and housing finances. Training on Tally,ERP ,Vib-lab, Auto-Lib software etc.,
4. Staff participate in Sports, cultural and other activities

### 3. Post Accreditation initiative(s)

1. Since quality is a key for success, growth and brand building of an institute, IQAC guide on various initiatives that shall have value addition in all the activities carried-out.

2. Soft and hard training/certification programs, add on courses, expert talks on technological advancements, to enhance employability of students.

. Training to less experienced staff for effective T-L and general administrative work. Promote and motivate staff and students to organize or attend webinars/seminars on different topics to enhance their overall growth.

3 Updating all files/minutes of meetings, execution of decisions and to see that it is effectively implemented at all levels for good administration and effective teaching learning activities.

4 Emphasis on T-L pedagogy, especially while conducting online theory and practical sessions. Preparations of e-course contents and providing it to students. Training on evaluation and assessment techniques to match with the exam reforms.

5 To have better/strong industry connects so as to get opportunities for staff and students for internships, hands-on training, live projects, R&D, consultancy, expert guidance, in order to bridge the gap between industry and academia.

6 To carryout necessary changes in the curriculum or to suggest it accordingly to BoS as per the needs of an industry. If it is not done by affiliating University, then at institute level it can be implemented with the assistance of DAB.

1. Motivating staff and students for participation in NSS, Social, Innovation, Start-up, entrepreneurship, cell, competitive exams, state and national level technical activities etc etc. and more importantly to inculcate habit of Lifelong learning and ethical practice.
2. Involve Alumni, parents, industry, local social cells, NGOs, Govt establishments etc for bettering activities at all fronts in the institute, for holistic development of staff and students.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

**IQAC being the central body within the college monitors and review the teaching-learning process regularly. Based on feedback various innovative activities and reforms were introduced.**

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 which are proven over the years are being followed. 1. Academic Calendar: Based on the University Academic Calendar the Institute schedules the academic calendar well in advance at the start of the year with ample time frame for not only the regular teaching-learning process but also to accommodate the various events like seminar/ guest lecture/ workshops/ FDP's/ Hands-on-series and many more.

2. 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

3. Daily lecture Record: Everyday faculty prepare and submit details of the lecture along with the topic covered on an online portal. 4. Evaluation of teachers by students: The institution has a feedback system to evaluate the teachers by students. The regular evaluation of the teachers by the students, feedback on

teaching methodologies, course delivery, attitude, strengths and weaknesses, difficulties faced in the subject give a clear idea about the problems faced by the students. Director and management also monitor the feedback system and takes appropriate corrective actions.

5. Student learning outcomes: The institute monitors the performance of the students regularly. It has specified procedure to collect and analyse data on student learning outcomes; the following points are adopted by the institute in this context: 1. Regular class tests and interactions 2. Midterm and continuous evaluation comprising of internal tests, assignments, group discussions, and seminar presentations. 3. Semester system of examination for all courses. 4. Providing Question bank of various subjects to the students. 5. Providing Lecture notes through an online portal 6. Timely Redressal of students' grievances. 7. At least 75% Attendance is compulsory in each semester. 8. Extra classes for weak students to solve their problems. Effective internal examination and evaluation systems: Institute maintains an effective internal examination and evaluation system. 9. Student result analysis: Institute has the provision of analysis of student performance after the announcement of their semester results. If the result of the students, in a subject, is not found up to the mark, necessary steps are taken to find out the reasons and the concerned faculty members are counselled and motivated to work towards improvement.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**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	<a href="https://www.srespune.org/images/AnnualReport_2020-2021_CEGP019130_1.pdf">https://www.srespune.org/images/AnnualReport_2020-2021_CEGP019130_1.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## 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

Gender equality is one of the key issues, society is facing today. We organize sessions on gender equality viz., guest speakers, counseling etc highlighting the importance of women in a society.

SRCOE has a very good ethical work culture which is based on inclusivity. We observe highest ethical values in all its activities. Equal opportunities are provided to all individuals in the institute, irrespective of caste, gender, creed, language, national or social origin etc etc. Due to this we have sizable number of girl students and lady staff members.

The various activities conducted in online mode this academic year 2020-21 due to COVID-19 pandemic are listed below.

<http://www.srespune.org/images/7.1.1.pdf>

Sr. No.

Title of the Programme

Date/ Duration

Participants (Nos.)

Photo of Event

Female

Male

1

Online Celebrating of International Women's Day.

08-03-2021 (One Day)

42

10

2

Meditation program by Heartfulness Foundation

23-03-2021 to 05-05-2021

45

30

3

Guest lecture on online "Competitive Exams"

20-02-2021 (one day)

24

25

4

Webinar on Save the Youth Against the Menace of Tobacco

11-03-2021 (one day)

31

42

5

**Online Live Yoga Training and Practice Sessions**

12-04-2020 (One day)

65

140

6

**"Aaple Aarogya Aaplya Hati" Program**

04-03-2021 (one day)

38

22

7

**Webinar- Career Opportunities in UPSC/MPSC**

02-Jul-20

122

134

File Description	Documents
Annual gender sensitization action plan	<a href="http://www.srespune.org/images/7.1.1.pdf">http://www.srespune.org/images/7.1.1.pdf</a>
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	<a href="#">Common Room, Safety &amp; Security, Counseling</a>

<b>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>	<b>B. Any 3 of the above</b>
<b>File Description</b>	<b>Documents</b>
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>
<p>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</p>	
<p>There are different types of wastes disposed in the institute for which there is a proper system functioning.</p> <p>The following wastes are being disposed by the institute:</p> <p>Solid Waste Management: Institute has a place on its campus where the solid wastes materials are disposed.</p> <ol style="list-style-type: none"> <li>1. Vermicompost</li> <li>2. Liquid Waste Management</li> <li>3. Biogas plant</li> <li>4. E-Waste</li> </ol>	
<b>File Description</b>	<b>Documents</b>
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="#">Photos attached in any other information tab</a>
Any other relevant information	<a href="#">View File</a>
<b>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</b>	<b>C. Any 2 of the above</b>



distribution system in the campus	
File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>
<b>7.1.5 - Green campus initiatives include</b>	
<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b> <ol style="list-style-type: none"> <li>1. Restricted entry of automobiles</li> <li>2. Use of Bicycles/ Battery powered vehicles</li> <li>3. Pedestrian Friendly pathways</li> <li>4. Ban on use of Plastic</li> <li>5. landscaping with trees and plants</li> </ol>	D. Any 1 of the above
File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>
<b>7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution</b>	
<b>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following</b> <ol style="list-style-type: none"> <li>1.Green audit</li> <li>2. Energy audit</li> <li>3.Environment audit</li> <li>4.Clean and green campus recognitions/awards</li> <li>5. Beyond the campus environmental promotional activities</li> </ol>	C. Any 2 of the above
File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	No File Uploaded

<p><b>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 persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment</b></p> <p><b>5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</b></p>	<p><b>B. Any 3 of the above</b></p>
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File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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).

The institution has been taking several efforts and initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. By celebrating many National and International Days, Events and Festivals the institution aims at bringing tolerance and harmony among the students and staff and other stakeholders.

Photos shows the inclusive environment in the institution by events like Independence Day, Teacher’s Day International Women’s Day, Gandhi Jayanti, Anti Ragging Awareness, International Yoga Day, NSS Day, Stress Management, FIT INDIA Movement Program, Cultural Program, COVID awareness etc.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

The institute has established policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules

The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent people. The institute conducted awareness programs on the ban on plastics, cleanliness, Swachh Bharat, etc. involving students.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

**S.No**

**Name of the event**

**Date**

**No. of the Participants**

1

**Independence Day .Covid Restrictions**

15 August, 2020

50

2

**Engineers Day COVID restrictions**

15 September, 2020,

45

3

**Gandhi Jayanthi Online**

02 October, 2020

175

4

Republic Day under COVID restrictions

26 January, 2021

80

5

International Womens Day ,Webinar

8 March, 2021

165

6

World Earth Day ..webinar

22 April, 2021

85

7

National Technology Day ,webinar

11 May, 2021

205

8

World Environment Day ,webinar

05 June, 2021

265

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

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

### 1) Capsule Training:

Industry has requirements of engineers in various fields with specific skill sets. After knowing their needs, we inform it to students and those who are interested in the given area, the training is imparted either by our own faculty or external agency, to which we call it as a Capsule Training.

e.g. If an IT industry needs engineers in 'cloud computing', then interested students in the said area are trained and subsequently they appear the interviews and get selected. Such a system of training fetches higher success rate of selection of students and becomes a win-win situation both for industry and institute.

. In addition to this MoU is signed with Barclays to provide soft skill, aptitude and personality development training, which is under their CSR activity. A software named as 'SPRUCE' is provided to students of first year to final year, where students can practice online softskill, aptitude tests, English vocabulary, grammar etc, under the expert's supervision of service provider, which benefits them during placements.

### 2) Training in Emerging Area

Few of the emerging areas are identified viz. Automation and robotics, Cloud-computing, Sales force, PLC SCADA, Tecla, Hit-Office, Azure, Cyber security, AI-ML, e-Plan, Lab-view, PEB etc and institute has approached experts /working professionals in the industry and with assistance of them, training sessions were

organized for students as well as teachers. One case study is presented as under

2.1) Company Profile: Metamorphosis Eigentech India Pvt Ltd. (MEIPL ), Sanaswadi

MIDC Dist. Pune

The company is essentially involved in manufacturing of welded ,steel plain and composite seamless tubes, having multiple manufacturing facilities near Pune. They are renowned for their versatility in providing tubular solutions to industries ranging from Automobile, General Engineering, Mechanical Tubing, Construction, Mining, Agriculture & Farm Industries, Power & Energy sector, boiler and heat exchanger manufacturers etc.

CEO of the said company along with two of his other colleagues (consultants having 35+ years of industrial experience) spoke to our students about Automation and Robotics. They conducted written tests and personal interviews and short listed 15 students from Electrical and E and TC Engineering. All of them trained our teachers and students on weekends and during holidays, right from basics to applications.

Outcome of the training

8 No of students got placed in their own industry with attractive packages at the end of first year of training. In subsequent years the company is recruiting 8-10 students each year.

Another case study is as under:

1. HIT-OFFICE ERP Software training for Civil Engineering students

This training has following objectives:

Objective:

- Readymade Databases of Resources, Specifications and rate analysis.
- Prototype Quotation and quotation wizard for quick quotation preparation.
- Import from MS Excel.

- Estimate related measurements using mathematical expression (formulae) Length Breadth Depth (L.B.D) and trigonometric functions.
- Sub-contractor comparison.
- Profit margins per resource type i.e. material (labour, tools, machinery, subcontractor.)
- Various analysed output Reports.
  
- Resource Requirement
- Tender Documents
- Detailed Rate Analysis, ABC Analysis etc

#### About the Hit-Office ERP software:

Every industry strives for making more profits and make business sustainable through systemization, standardization, instant information, smart analysis and quick decisions. This is exactly where an Enterprise Resource Planning (ERP) software system, named 'Hit-Office' is specially designed for the construction industry. It is one such software product that has been widely accepted by professionals in India and abroad. Developed after in-depth study of the processes, the said ERP consists of several modules, like Quotation ,Project Management , Purchase and Inventory Management and Sales modules, finance and accounting etc with a strong provision of Management controls. It enables to track the company's financial and accounting & helps to manage planning, forecasting & decision making

The training sessions of total 100 Hrs were organized for the students and faculty. Post training, software was made available for practice sessions of students, for next three months. This software training is NOT a part of course curriculum.

#### Outcome:

It helped students to understand about utilization of software and integrate the various departments/sections of construction firm, into single, accessible and efficient system at one place. The students got placed in few of the firms as companies were happy to get industry ready students.

Note: Such a type of training, was given to students of all the programs and it resulted in getting students placed in reputed companies.



File Description	Documents
Best practices in the Institutional web site	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 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

SRCOE is a self financed, privately owned ,located at rural part of Pune City, has the following salient features.

1. Approved by AICTE, New Delhi, DTE, MSBTE, Govt. Of Maharashtra and affiliated to SavitribaiPhule Pune University, Pune.
2. It is a beautiful, lush green, eco-friendly campus with state-of-the-art infrastructure spread over 11 acres of land.
3. Dynamic, dedicated, experienced, qualified and result - oriented, young teaching faculty.
4. Well-equipped laboratories, Workshop, language lab etc.
5. Excellent Computer Center with 24x7 high speed internet connectivity and ICT infrastructure for Online classes/webinars etc
6. Food Safety committee is in place which ensures that hygienic food is served in hostel mess and canteen of the institute.
7. Excellent Library and information center with rich collection of textbooks, reference books, national and international journals, NPTEL, MOOCS, SWAYAM facility is available. e-Books, e-Journals and digital library- section with audio video is available. Reprographic and document scanning facility is made available.
8. Students and teachers are encouraged for industrial training/internships.
9. Workshop/seminars/hands on training on latest technology and value added courses are provided to the students which assist in enhancing their employability skills. Start-up, Innovation Entrepreneurship development cells are established and are

functional.

10. MOUs are signed with different industries.

11. Regular soft skill, aptitude training programmers & MOCK interviews are arranged. However in COVID pandemic, online recruitment sessions were organized.

12. Conduct/arrange guest/expert lectures and orientation programs.

13. Cultural, sports and extracurricular activities are organized. Play grounds for various sporting events (indoor and out-door), well equipped gymkhana is available

15. To and fro transport facilities from Pune city to college campus.

16. Extra remedial lectures / guidance classes are arranged for slow learners to improve their academics.

17. Rigorous industrial visits are organized for practical exposure. Advanced learners are motivated to participate in Hackathons, technical competitions, paper writing, poster presentations etc.

18. Training & placement cell, provides jobs, project sponsorships and assistance for Industrial Visits & guest lecturers etc.

19. Yoga, meditation regular session by Heartfulness Institute

20. Career counseling sessions /guidance for GATE, TOFEL, GRE, UPSC/MPSC, etc. is organized

21. Earn & learn scheme is in place; also educational loan facility for desirable and eligible students is made available

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.3.2 - Plan of action for the next academic year

**Institutional Goals Planned for next few years**

1. 100% Results in B. E. by improving teaching methodology, remedial Classes for backlog subjects for higher performance
2. To be student centric institute by following academic with utmost passion and sincerity to get brighter students
3. To train and improve quality by imparting new skills to faculties by organizing Faculty Development Program, Quality Improvement Programme and participating in other organization to receive better inputs.
4. To upgrade all building and their surrounding to global standards with regards to cleanliness and safety by renewing and expanding of workshop building and establishing additional floors.
5. Covered parking for staff and student's vehicles by Quality Improvement Programme.
6. To be a campus where maximum Ph.D. degree by motivating staffs to get enrolled to Ph.D. programmes with the flexibility in work load
7. To increase the strengthen institutional and industry collaborations by signing MoU's with the reputed companies and by appointing industry experts as visiting faculty.
8. To establish a centre of excellence by applying under Government schemes like NAFTIC and other