



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

| | | |
|--|--|--|
| 1.Name of the Institution | | SUMAN RAMESH TULSIANI TECHNICAL CAMPUS-FACULTY OF ENGINEERING |
| • Name of the Head of the institution | | PROF. DR. JAYWANT BAPUJI SANKPAL |
| • Designation | | PRINCIPAL |
| • Does the institution function from its own campus? | | Yes |
| • Phone no./Alternate phone no. | | 02114264106 |
| • Mobile No: | | 9763704727 |
| • Registered e-mail | | principal@srttc.ac.in |
| • Alternate e-mail | | hodcomp@srttc.ac.in |
| • Address | | GAT NO. 81,82,91,92,94,97,99,101,102 AND 106(PART), MAUJE KHAMSHET ,TAL .MAVAL DIST. PUNE PUNE MAHARASHTRA 410405 410405 |
| • City/Town | | PUNE |
| • State/UT | | MAHARASHTRA |
| • Pin Code | | 410405 |
| 2.Institutional status | | |
| • Type of Institution | | Co-education |
| • Location | | Rural |

| | | | | | |
|--|---|------|-----------------------|---------------|-------------|
| • Financial Status | Self-financing | | | | |
| • Name of the Affiliating University | Savitribai Phule Pune University | | | | |
| • Name of the IQAC Coordinator | Prof. Anjali Manojkumar Dalvi | | | | |
| • Phone No. | 02114264235 | | | | |
| • Alternate phone No. | 9921897835 | | | | |
| • Mobile | 9921897835 | | | | |
| • IQAC e-mail address | assodeanqa@srttc.ac.in | | | | |
| • Alternate e-mail address | hodcomp@srttc.ac.in | | | | |
| 3.Website address (Web link of the AQAR (Previous Academic Year) | https://www.srttc.ac.in/aqar2019-20.html | | | | |
| 4.Whether Academic Calendar prepared during the year? | Yes | | | | |
| • if yes, whether it is uploaded in the Institutional website Web link: | https://www.srttc.ac.in/academic_calendar.html | | | | |
| 5.Accreditation Details | | | | | |
| Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to |
| Cycle 1 | B+ | 2.60 | 2018-19 | 02/11/2018 | 01/11/2023 |
| 6.Date of Establishment of IQAC | | | 08/07/2017 | | |
| 7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc., | | | | | |
| | | | | | |

| Institutional/Department /Faculty | Scheme | Funding Agency | Year of award with duration | Amount |
|---------------------------------------|---|--|-----------------------------|--------|
| Prof. Dr. J. B. Sankpal Mechanical | Training and Counsultancy Project :working as mentor for NAAC Accrediation | Veerayatan Institute of Engineering Gujrat | 2021 | 40000 |
| Prof. Chetan Yeole /Civil | Conultancy Project Soil Testing at Hangtong India Pvt. Ltd. Khed Rajgurunagar | Hangtong India Pvt. Ltd. Khed Rajgurunagar | 2021 | 5100 |
| Prof. Sandip Deshpande/Civil | Conultancy Project Soil Testing at Hangtong India Pvt. Ltd. Khed Rajgurunagar | Hangtong India Pvt. Ltd. Khed Rajgurunagar | 2021 | 4000 |
| Prof. Mukesh A.Mane /Mechanical | State Government External Exam Conduction | Railway Police Examination | 2021 | 17280 |
| Prof. Mukesh A. Mane /Mechanical | State Government External Exam Conduction | Maharashtra Police Examination | 2021 | 19200 |
| Prof. Anjali M. Dalvi/Computer | Training and Counsultancy Project :working as mentor for NAAC Accrediation | Veerayatan Institute of Engineering Gujrat | 2021 | 35000 |

| | | |
|--|---------------------------|--|
| 8. Whether composition of IQAC as per latest NAAC guidelines | Yes | |
| <ul style="list-style-type: none"> • Upload latest notification of formation of IQAC | View File | |
| 9. No. of IQAC meetings held during the year | 09 | |
| <ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? | Yes | |
| <ul style="list-style-type: none"> • If No, please upload the minutes of the meeting(s) and Action Taken Report | View File | |
| 10. Whether IQAC received funding from any of the funding agency to support its activities during the year? | Yes | |
| <ul style="list-style-type: none"> • If yes, mention the amount | 120580 | |
| 11. Significant contributions made by IQAC during the current year (maximum five bullets) | | |
| Strengthened Academic & facilities through Learning Management System developed by Institute | | |
| Promoted to Training and Consultancy Activities | | |
| Promoted to Research activities through Quality publication in Book Chapter/Scopus indexed Journals/Reputed Conferences | | |
| Conducted of Quality Management System Programs for newly joined Academic and admin staff | | |
| Student and Faculty technical enhancement has been done through online certification courses . | | |
| 12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year | | |
| | | |

| Plan of Action | Achievements/Outcomes |
|--|--|
| Promotion to Training and Consultancy Activities | All Departments had been taken initiative for training and consultancy Activities in A. Y. 2020-21 and institute received grant of total Rs.120580/- under this initiative |
| Conduction of Quality Management System Programs for newly joined Academic and admin staff | All newly joined academic and admin staff have completed QMS Training |
| Strengthening of Academic E facilities through Learning Management System developed by Institute | During current COVID 19 scenario, students Staying at rural areas get access of uploaded academic and content beyond E study material developed by faculty on Learning Managemnt System. Also provided carrer counselling and employment opportunities webinar for their development. It turned in enhancement of students technical skills to stand with success in current time. |
| Promotion to Research activities through Quality publication in Book Chapter/Scopus indexed Journals/Reputed Conferences | Faculty and final year students published project/research work into reputed Scopus indexed and international conferences and journals |
| initiation of Book Chapter publication | Book chapter published in reputed Publications such as IGI and Springer |
| Arrangement of Quality Management System Programs for newly joined Academic and admin staff | Conducted Quality Management System Programs for newly joined Academic and admin staff |
| Technical enhancement for Student and Faculty through online certification courses . | 433 Student completed online certification courses and 22 Faculty technical enhancement has been done through online FDP/STTP/etc. |

| 13. Whether the AQAR was placed before statutory body? | Yes | | | | |
|--|---------------------------|--------------------|-----------------------|---------------------------|--|
| <ul style="list-style-type: none"> Name of the statutory body | | | | | |
| <table border="1"> <tr> <td>Name</td> <td>Date of meeting(s)</td> </tr> <tr> <td>Governing Body</td> <td>22/01/2021</td> </tr> </table> | Name | Date of meeting(s) | Governing Body | 22/01/2021 | |
| Name | Date of meeting(s) | | | | |
| Governing Body | 22/01/2021 | | | | |
| 14. Whether institutional data submitted to AISHE | | | | | |
| <table border="1"> <tr> <td>Year</td> <td>Date of Submission</td> </tr> <tr> <td>2020-21</td> <td>08/02/2022</td> </tr> </table> | Year | Date of Submission | 2020-21 | 08/02/2022 | |
| Year | Date of Submission | | | | |
| 2020-21 | 08/02/2022 | | | | |
| Extended Profile | | | | | |
| 1. Programme | | | | | |
| 1.1 Number of courses offered by the institution across all programs during the year | 03 | | | | |
| <table border="1"> <tr> <th>File Description</th> <th>Documents</th> </tr> <tr> <td>Data Template</td> <td>View File</td> </tr> </table> | File Description | Documents | Data Template | View File | |
| File Description | Documents | | | | |
| Data Template | View File | | | | |
| 2. Student | | | | | |
| 2.1 Number of students during the year | 433 | | | | |
| <table border="1"> <tr> <th>File Description</th> <th>Documents</th> </tr> <tr> <td>Data Template</td> <td>View File</td> </tr> </table> | File Description | Documents | Data Template | View File | |
| File Description | Documents | | | | |
| Data Template | View File | | | | |
| 2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year | 90 | | | | |
| <table border="1"> <tr> <th>File Description</th> <th>Documents</th> </tr> <tr> <td>Data Template</td> <td>View File</td> </tr> </table> | File Description | Documents | Data Template | View File | |
| File Description | Documents | | | | |
| Data Template | View File | | | | |

| | |
|---|---------------------------|
| 2.3 | 124 |
| Number of outgoing/ final year students during the year | |
| File Description | Documents |
| Data Template | View File |
| 3.Academic | |
| 3.1 | 26 |
| Number of full time teachers during the year | |
| File Description | Documents |
| Data Template | View File |
| 3.2 | 31 |
| Number of Sanctioned posts during the year | |
| File Description | Documents |
| Data Template | View File |
| 4.Institution | |
| 4.1 | 14 |
| Total number of Classrooms and Seminar halls | |
| 4.2 | 81.14116 |
| Total expenditure excluding salary during the year (INR in lakhs) | |
| 4.3 | 310 |
| Total number of computers on campus for academic purposes | |

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

The institute is affiliated to Savitribai Phule Pune University

(SPPU). Suman Ramesh Tulsiani Technical Campus Faculty of Engineering is an ISO 9001:2015 certified institute and follows all the documented process as decided in the ISO QMS manual for effective curriculum delivery. The process used for a well planned curriculum delivery and documentation is as follows: i. Each and every activity for effective curriculum delivery is getting initiated, discussed and implemented by concerning with Principal and Management. ii. Institute head and head of the department prepares an institute academic calendar in correlation

with the SPPU academic calendar in prior to start of semester. iii. All HOD's will prepare the Departmental Academic Calendar as per Institute Academic Calendar. iv. Subject preferences from the curriculum declared by university are taken by the HOD from all teachers & Subject allocation has been done as per the standard policies. v. Subject teacher prepares course files,

presentations, laboratory manuals after subject allocation for effective implementation of curriculum. Also the subject teacher prepares teaching plan and practical plan manually. After getting approval from concerned HoD, subject teachers start implementing the teaching and practical plan. vi. The students made aware about teaching & practical plan by uploading it on website, displaying it on notice boards and explaining it in the starting lectures of the semester. vii. Lecture & practical implementation sheet helps HOD's to monitor the gap between planned and actual conducted lectures. According to the gap, the HOD's prepares timetable and further activities. viii. For effective overall development of students and for personal attention, mentor-mentee scheme has been implemented. ix. The institute conducts unit tests & prelim tests for checking the performance of the students along with university exams (In-semester/online, Oral/Practical and End-semester exams) as per the university norms. x. All the processes are monitored, analyzed and verified for quality checking and quality improvements in various audits like Academic Monitoring Committee (AMC), Internal Quality Assurance Cell (IQAC) Audit, Internal & External ISO Audits, Vishwakarma Institutes Audits. xi. Documented process in the institute is carried out and maintained effectively by using official emails. xii. The effective curriculum delivery is done additionally by conducting industrial visits, expert lectures, workshops, in-plant trainings and additional value added courses. xiii. Organization Structure is prepared and every activity is checked and verified as per the structure of the institute

| File Description | Documents |
|-------------------------------------|---|
| Upload relevant supporting document | View File |
| Link for Additional information | http://srttc.ac.in/1.1.1.pdf |

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

The institution adheres to the academic calendar for the conduct of CIE Academic calendar is prepared by Principal, Dean (Academics) in consultation with HoD(s) . In the beginning of the academic session the students are apprised of academic calendar and same is uploaded on college website and displayed on notice boards and at strategic locations. Only head of the institution can incorporate minor changes in academic calendar which he may deem fit considering the unforeseen circumstances. The Schedule of All Examinations is given in academic calendar. The course teachers announce the syllabus and display question bank for Test-I , Test-II Assignment-I and Assignment-II as per the academic calendar. Assignments are submitted by students as per the dates given in academic Calendar .The slots of the Assignment-I, Assignment-II and sessional exam are mentioned in the academic calendar. Examination schedule of these exams is announced and displayed in advance by Dean (Academics). Display of marks is also as per the schedule given in academic calendar.

| File Description | Documents |
|--------------------------------------|---|
| Upload relevant supporting documents | View File |
| Link for Additional information | http://srttc.ac.in/1.1.2.pdf |

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

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

1.2 - Academic Flexibility

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

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

3

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Minutes of relevant Academic Council/ BOS meetings | View File |
| Institutional data in prescribed format (Data Template) | View File |

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

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

394

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Brochure or any other document relating to Add on /Certificate programs | View File |
| List of Add on /Certificate programs (Data Template) | View File |

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

394

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

the year

394

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

1.3 - Curriculum Enrichment

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

Institution is taking continuous efforts for integrating cross cutting issues and the description of the efforts

is as follows:

1. Gender:

Internal Complaint Committee (ICC), Grievance Redressal Committee and Anti-Ragging Committee are formed to play a vital role for addressing the issues related to gender such as harassment, ragging and gender equity awareness, etc. Various workshops and programs are conducted through these committees and NSS committee.

2. Environment and Sustainability:

To address this issue, SPPU has added various courses into curriculum like Environmental Engineering-I, Basic Civil and Environmental Engineering, Infrastructure Engineering, Audit Course, Power Plant Engineering, Energy Audit and Management to address the issue.

Additional to this, institute uses standard procedure for waste disposal, water recycling, and rain water harvesting. Various awareness programs are organized through NSS committee related to environment and sustainability.

3. Human Values:

To address this issue, SPPU has added various courses into curriculum like Soft Skills, Audit Course to address the issue.

4. Professional Ethics:

To address this issue, SPPU has added various courses into curriculum like Soft Skills, Employability Skill Development, and Awareness to Civil Engineering Practices to address the issue.

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

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

108

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

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

108

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

1.4 - Feedback System

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

A. All of the above

| File Description | Documents |
|--|---------------------------|
| URL for stakeholder feedback report | View File |
| Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload) | View File |
| Any additional information(Upload) | View File |

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

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

| File Description | Documents |
|-----------------------------------|---|
| Upload any additional information | View File |
| URL for feedback report | http://srttc.ac.in/1.4.2.pdf |

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

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

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

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

06

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| Number of seats filled against seats reserved (Data Template) | View File |

2.2 - Catering to Student Diversity

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

For student's overall development and personal attention, Mentors are assigned to the group of students who assess the cognitive academic abilities along with leadership skills, creative thinking and Behavioral aspects by interacting with them in person. The students are categorized and groomed. Mentor - mentee meetings are being conducted periodically. Special mentoring for slow learners including separate assignments, hands on session, bridge classes are organized. For advanced learners add on courses in collaboration with external agencies are conducted for enhancing technical skills as per the market requirement. Mentor prepares slow and advanced learner list based on the questionnaires provided or by previous result/ performance of student. Mentor monitor slow and advanced learner students throughout year and plan activities to improve their skills. Meetings of the students with class teachers are conducted frequently. The points which need to be resolve are taken care by the Head of the department. A consolidated report of such meetings requiring intervention of the Principal is sent by head of the department to the Principal. Students get academic, personal guidance and social behavioral counseling from the concerned Guardian Faculty Members, Class Teachers and Heads of the Departments.

| File Description | Documents |
|-----------------------------------|---|
| Link for additional Information | https://www.srttc.ac.in/agar2020-21.html |
| Upload any additional information | View File |

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

| | |
|--------------------|--------------------|
| Number of Students | Number of Teachers |
| 433 | 24 |

| File Description | Documents |
|----------------------------|---------------------------|
| Any additional information | View File |

2.3 - Teaching- Learning Process

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

Institute has opted for object based education system which enables all academic process to be designed and implemented towards students centric learning. Program objective and Course objectives have been identified for every course. Subject teachers are advised to take feedback from students on the attainment of expected learning outcomes. Teachers and students both are encouraged to attend training programs and workshops organised by the institute and also by other institutions. Students are motivated to use the Virtual laboratory platforms to enhance there cognitive skills. Final Year projects are used as platform collaborative and interactive learning. Teachers and students use NPTEL videos and courses to promote independent learning. Along with this various activities like Group discussions, industrial Visits, Guest lectures, Training sessions are being desired.

| File Description | Documents |
|-----------------------------------|---|
| Upload any additional information | View File |
| Link for additional information | https://www.srttc.ac.in/agar2020-21.html |

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

maximum of 200 words

Institute not only use the traditional chalk and duster method but uses the interactive ICT tools such as LCD projectors, PPTs, Flashpoint presentations which enable students to experience effective teaching and learning process. All the class rooms in the institute are enabled with LCD projectors with internet facility. Along with this institute has developed its own LMS facility which helps students to access the study material from remote locations. facility is also available for live streaming of video lectures and video conferencing. Faculties and students are encouraged to participate in the training & internships in the industries. Industrial visits are organised in every semester to boost students practical challenges faced in the industries. This overall improves the students skills.

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Provide link for webpage describing the ICT enabled tools for effective teaching-learning process | https://www.srttc.ac.in/lms.html |

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

18

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

2.4 - Teacher Profile and Quality

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

30

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

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

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

02

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template) | View File |

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

2.4.3.1 - Total experience of full-time teachers

140

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

2.5 - Evaluation Process and Reforms

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

Transparency in the assessment is of key importance for building belief in the system. The mechanism adopted for internal assessment

ensures transparency by involving various stake holders as elaborated:

1.Term work evaluation of students is based on continuous assessment. Students are made aware of this assessment scheme in the orientation program and in the first lab/tutorial session.

2.Notices/circulars are circulated to faculty in department meetings, are displayed on notice boards and by emails.

3.Continuous assessment evaluation scheme is discussed in Student Class Teacher Meetings.

4.Assessment of activities like seminars, mini-projects, projects, along with third party review brings transparency in the process.

The robustness of mechanism helps to achieve consistently good result which is highlighted from the result of the institute.

Robustness of mechanism:

1.The expected level of the outcome is specified and declared to the assessor which helps the assessor.

2.Declaration of assessment method by providing assessment scheme and complete solutions of the assignments.

The frequency of assessment is decided as follows:

1.Unit-wise assignment and online test: On Completion of Unit.

2.Practical assessment: Weekly.

3.Seminar and project: Monthly.

4.Class Test: Twice in Semester.

5.Preliminary test: End of the Semester.

6.Feedback: Twice in Semester.

Overall process assessed by departmental advisory board.

| File Description | Documents |
|---------------------------------|---|
| Any additional information | View File |
| Link for additional information | https://www.srttc.ac.in/agar2020-21.html |

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

Institute is affiliated to Savitribai Phule Pune University (SPPU) all the university exams are being conducted as per the guidelines by provided SPPU. The institute has a separate exam department which is consists of college exam officer(CEO) who is appointed by the college for conducting all unversity level examinations. These examinations include online examinations, In-semester examinations and End-semester examinations. These examinations are conducted as per the schedule given by the university. CEO ensures the effective implementation of all guidelines provided.

Along with this institute also conducts internal examinations which are institute level. Departmental exam coordinators are appointed for the internal examinations. They are appointed by the respective head of departments. Departmental exam coordinators are responsible for the smooth conduction of the internal examinations.

| File Description | Documents |
|---------------------------------|---|
| Any additional information | No File Uploaded |
| Link for additional information | https://www.srttc.ac.in/agar2020-21.html |

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.

The program Outcomes (POs) and Program Specific Outcomes (PSOs) are displayed on each departmental notice board. The Course Outcomes (COs) are defined by the course coordinator in consultation with module coordinator and Departmental Advisory Board (DAB). In addition to this, the outcomes are conveyed to the stake holders by displaying them at appropriate locations like, college library, Institute notice board, Institute website and laboratories.

The course files of the course coordinators also contain the POs, PSOs and COs. The outcomes are communicated to faculty through faculty development programs and training organized for faculty.

Outcomes are frequently discussed in faculty meeting. The outcomes are made part of the course file and communicated to students in principal's address at the start of each semester. Also faculty members discuss POs, PSOs and COs. in the class while discussing lecture plan.

| File Description | Documents |
|--|---|
| Upload any additional information | No File Uploaded |
| Paste link for Additional information | https://www.srttc.ac.in/agar2020-21.html |
| Upload COs for all courses (exemplars from Glossary) | No File Uploaded |

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

Process to monitor the degree of PO Attainment - 1. Direct Assessment tools: During each semester, for each course, sample questions from the papers (Insem/Prelim/University) and assignments are mapped to respective POs through course outcomes. The degree of assessment is evaluated based on academic performance of the students. For all the tools, the degree of attainment for each course will be evaluated by taking the average passing percentage of the class for the course. This passing percentage is compared with department threshold value to categorize them as High, Medium and Low levels of attainment.

2. Indirect Assessment tools The enlisted surveys/ feedbacks are collected periodically and their statistical analysis is carried out. This analysis is compared with department threshold value to categorize them as High, Medium and Low levels of attainment. Module coordinator consolidates the attainment of POs from all the courses and prepares the final attainment report. The consolidated PO attainment is presented in front of PAC (Programme Assessment Committee) and then DAB (Departmental Advisory Board).

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

2.6.3 - Pass percentage of Students during the year

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

112

| File Description | Documents |
|--|---|
| Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template) | View File |
| Upload any additional information | No File Uploaded |
| Paste link for the annual report | https://www.srttc.ac.in/aqar2020-21.html |

2.7 - Student Satisfaction Survey

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

<https://www.srttc.ac.in/aqar2020-21.html>

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)

1.2 Lakhs

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

3.1.2 - Number of 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

3

| File Description | Documents |
|---|---|
| List of research projects and funding details (Data Template) | View File |
| Any additional information | No File Uploaded |
| Supporting document from Funding Agency | View File |
| Paste link to funding agency website | https://byjusexamprep.com/maharashtra-state-exams/maharashtra-police-constable-exam |

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

32

| File Description | Documents |
|--|---------------------------|
| Report of the event | View File |
| Any additional information | View File |
| List of workshops/seminars during last 5 years (Data Template) | View File |

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

20

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

3.2.2 - 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

9

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

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

1. NSS Unit SRTTC_FOE, Kamshet had arranged Vaccination Camp in Institute for Covid 19. However, the health of every human being is a good that is necessary for the prosperity of a society. Public health is everyone's individual responsibility and for that NSS Unit SRTTC_FOE, Kamshet had taken an important perspective to arrange vaccine camp for the same.

2. Tree Plantation helps many environmental issues like deforestation, erosion of soil, desertification in semi-arid areas, global warming and hence enhancing the beauty and balance of the environment for that NSS Unit SRTTC_FOE, Kamshet arranged Tree Plantation on World Environment Day and do tree plantation for the same

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.srttc.ac.in/NSS.html |
| Upload any additional information | View File |

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

2

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

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

16

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

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

434

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

3.4 - 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

154

| File Description | Documents |
|---|---------------------------|
| e-copies of linkage related Document | View File |
| Details of linkages with institutions/industries for internship (Data Template) | View File |
| Any additional information | No File Uploaded |

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

17

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The SRTTCFOE has well equipped and adequate classrooms with green boards, LCD projector with LAN connectivity. These teaching aids with all the facilities are shown to the student for better understanding and enhancing their knowledge for the quality improvement in technical fields. By using these tools students can develop their presentation skill. The classroom having sufficient

and good quality furniture so that student can give more concentration on teaching learning process. The teachers in classrooms uses collar mike so as to be audible to entire class. The college has well equipped tutorials rooms for the discussion of assignment completion and Projects, seminar and also faculty can concentrate each of students for the empowerment of teaching learning process. All the laboratories are well equipped with latest equipment as per the curriculum decide by SPPU on timely basis and which are calibrated as per the norms. The practicals and assignments are performed as per the SPPU syllabus which is design by BOS members and Industry person by taking care of current need. The Laboratory having charts and models for the better understanding of assignments and practical's. In some of the labs there is a Virtual lab software for the better understanding of virtual world by taking care of all the practicals run in the labs. We have developed our own system for conducting practical's in labs in such a way that student understand it in easier manner by taking care of all the levels of students. In our college we have developed Language Laboratory as per the norms given by AICTE for the improvement in students in terms of communication skill. We have also purchase "My Examo" online test series to enhance capabilities of students for better performance in SPPU online exam. The college has developed well equipped workshop with all the latest machines. In SRTTCFOE we have given more concentration on Library development because Library is a heart of Teaching Learning Process .SRTTCFOE library having good number of books, journals magazines and e-resources as per the curriculum given SPPU. It has a semi-automated OPAC software system integrated with ERP. Library has well-furnished reading room with 24x7 Wi-fi facility and Multimedia PCs. Book Bank scheme is also available to the economically meritorious students. Training Placement cell and Institute Industry interaction cell T&P cell facilitates arranging training session, placement drive, Mock interview and group discussions are regularly practiced. Institute Industry interaction cell arranges site visit, gives guidance to final year students for industrial Projects and facilitates with summer internship and cell helps in entering MOU with industries. The college has two Seminar halls with ICT facility for conducting subject matter expert lectures, paper presentation, conferences and workshops.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.srttc.ac.in/naac.html |

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

The college has adequate sports facilities for students. In Indoor facility we are having Badminton court, Carom Facility, table Tennis, Chess. In outdoor facility we are having well maintained cricket ground, Volleyball court, Basketball court and Kabaddi ground. In our college we are also arranging InterCollege and Intra College matches for Students empowerment in sport area. Various functions like fresher parties, farewell functions, yoga day, and celebration of festival are also held in our campus.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.srttc.ac.in/naac.html |

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

14

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

14

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.srttc.ac.in/naac.html |
| Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template) | View File |

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

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

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Upload audited utilization statements | View File |
| Upload Details of budget allocation, excluding salary during the year (Data Template) | View File |

4.2 - Library as a Learning Resource

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

Main objective of the library is to contribute for the vision mission of the institute and to provide accessibility of information to the students and faculty members in well organized manner. Also to adopt new technology to satisfy user needs. The library is partially automated using library management software 'SLIM21 (V.2.9.1)' since 2011. SLIM21 - is popular and advanced integrated library automation management software. In SLIM21 information retrieval is simple, fast and efficient. This software is versatile, user-friendly and cost-Effective. It incorporates latest tools and techniques, also cataloguing adhere to international standards. SLIM21 is equipped with different basic modules like Cataloguing, Circulation, Serials and OPAC. Cataloguing module catalogues any type of material, print as well as non-print. SLIM has virtually no limit on length of bibliographic details. Circulation module facilitates lending of books to users and receiving them back. This module is used for all types of counter transactions such as: Issue, Renewal, Return, Reservation, Reservation Cancel, Reminders. Easier interface for barcode system which offering basic transactions like Issue and Return. This module also shows Statistical reports for all specified counter transactions. This module gives facility for printing book spine label as well as accession number barcodes. This module gives facility of printing borrower cards with wide range. Serials module simplifies tracking of Journal holding of the library. It generates arrival schedule for issues of journal. OPAC module facilitates easy access of available resources to the users. This module is designed to search all available databases using important fields and This module has Simple search and advanced search facility to search the database using important fields such as Item type, Accession Number, Author, Title, Edition, Year, Publisher, Department and availability.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for Additional Information | https://www.srttc.ac.in/naac.html |

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 **E. None of the above**

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

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

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

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| Audited statements of accounts | View File |
| Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template) | View File |

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

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

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Details of library usage by teachers and students | View File |

4.3 - IT Infrastructure

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

In SRTTCFOE all computers are connected with LAN and internet using CAT6 cables. It gives internet connectivity of 16 Mbps to SRTTCFOE with star topology with 100 Mbps speed. SRTTCFOE campus having Wi-Fi facility to enjoy and to empower the student progress in terms of teaching learning process and extracurricular activities. The Computer laboratories are well equipped with all the facilities for better teaching learning process. SRTTCFOE has a very strong System Department which takes care of the updates of its IT facilities in terms of hardware and software upgradation and also it cares of installation of new wifi devices when need arises, with firewall softwares. The college uses ICT and ERP for the improvement of teaching learning process. It also increases automation in administration department for the speedy work environment.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.srttc.ac.in/naac.html |

4.3.2 - Number of Computers

310

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |
| Student – computer ratio | View File |

4.3.3 - Bandwidth of internet connection in the Institution B. 30 - 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Audited statements of accounts. | View File |
| Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates) | View File |

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The physical facilities including Laboratories, Classrooms and Computers and so forth are made available for the students those who are admitted in the college. The laboratory expenses of the students are included in the yearly fees at the time of the admission. The college authority yearly allocates budget for the maintenance and development of the laboratories and the classrooms in terms of ICT facilities which a part of the teaching and the learning processes. The classrooms boards, ICT facilities and furniture facilities are utilized regularly by the students. The maintenance and the cleaning of the classrooms and the laboratories are taken care by third party contract experts and non-teaching staff which are available at college level. The college garden is maintained by the gardener which is appointed by the institute authority person. The college has sufficient number of the computers with internet connections and the utility software's distributed in different like laboratories, office, library multimedia center, department and faculty room etc.

All the institute beneficiaries have equal opportunity to use those facilities as per the rules and the policies of the institution. The central computer laboratory connected in LAN is open for the students for whole day, the office computers which are also connected through the LAN is consisting of the all the required software making work easier and are restricted to use only by the appointed office staff. The library computers are connected with LAN and internet and also they are loaded with the library software which is required for in out accession. The departments and the staff can make use of the computer system with internet at their seating places, maintenance of all the computer related facilities are taken care by system department. The college website is developed and regularly maintained by website development committee. The maintenance of UPS and the Generator is regularly done by third party contract in supervision with estate manager and the expenditure is done from college budget. The academic and extracurricular support facilities likewise classroom, laboratory, library, sports and other platforms supporting overall development of the students like NSS, Alchera & SAE club, or Competitive examination cell etc. is open for the entire college student. A provision of the budget for the library maintenance is made by the college development authority along with management representative. The activities like keeping library clean and fumigation is done frequently by library staff. The sport facilities of the college is meritorious and some credit defiantly goes to the adequate infrastructure consisting of the Indoor Hall for table tennis ,badminton, and outdoor facilities likewise basketball court, football ground and cricket ground along with kabaddi ground which can be used by student and staff. A special budget is allocated for the maintenance of this sport facility.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.srttc.ac.in/naac.html |

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

321

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

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

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

18

| File Description | Documents |
|--|---------------------------|
| Upload any additional information | No File Uploaded |
| Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template) | View File |

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

A. All of the above

| File Description | Documents |
|---|---|
| Link to institutional website | http://srttc.ac.in/5.1.3.pdf |
| Any additional information | View File |
| Details of capability building and skills enhancement initiatives (Data Template) | View File |

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

380

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

380

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template) | View File |

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

C. Any 2 of the above

| File Description | Documents |
|--|---------------------------|
| Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee | View File |
| Upload any additional information | View File |
| Details of student grievances including sexual harassment and ragging cases | View File |

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

61

| File Description | Documents |
|---------------------------------------|---------------------------|
| Self-attested list of students placed | View File |
| Upload any additional information | View File |

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

5.2.2.1 - Number of outgoing student progression to higher education

2

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

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

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

examinations) during the year

0

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload supporting data for the same | View File |
| Any additional information | View File |

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

4

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

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

For overall development of the institution and students, the different events and innovative programs are organized in institute, For that collective efforts are made by involving the students in the academic and administrative institutions / committees. Innovative programs are organized to promote the multi-faceted personality of the students. For this, a student council exists to enhance the overall graduation experience in the institute. The main objective of the student council is to cultivate and enhance organizational skills in the students which will result in their personality growth. The Student Council acts as a link between the

institution administration and the student, giving student community an opportunity to express their views on the institution and to make suggestions as expected. Each year the Student Council organizes various sports/cultural activities. Due to Pandemic situation, Out of which all those activities were organized on online / offline platform as per instructions received from AICTE. This approach ensures a strong relationship between the institution and the students resulting in the expected program outcome. Student representation on the Internal Grievance Committee (ICC) provides ethical support to students to raise their grievances, if any, and brings transparency between the institution and students regarding the adoption process.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | http://srttc.ac.in/5.3.2.pdf |
| Upload any additional information | View File |

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

17

| File Description | Documents |
|--|---------------------------|
| Report of the event | View File |
| Upload any additional information | View File |
| Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template) | View File |

5.4 - Alumni Engagement

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

SRTTC registered SRTTC Alumni Association (MH/908/2018/Pune) from Assistant Charity Commissioner, Pune, with the name of "SRTTC Alumni

Association". SRTTC Alumni association will be going to form in the Institution to satisfy following financial and non-financial assistance to attain social values by an individual or by a group of students associated with Alumni association.

Non-financial activities:

1. Delivering academic lectures.
2. Delivering lectures on pursuing careers.
3. Disseminating information on current and future trends in industries.
4. Contribution to laboratory development.
5. Organizing industrial visits.
6. Participating in curriculum development.
7. Extending help for campus interviews.
8. Active role in bringing up MoUs.
9. Acting as brand ambassador of the Institute.
10. Facilitating sponsored projects for students.
11. Facilitating internships for students.
12. Sharing experiences with students.
13. Sharing information about higher studies.
14. Guidance for co-curricular and extra-curricular activities.
15. Participation in social welfare activities.

Financial activities:

1. Membership of the alumni association.
2. Institutionalization of scholarships.
3. Financial contribution towards development of academic facilities.

4. Sponsoring the events.

5. Sponsoring rewards.

6. Donating in-kind, books etc.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | http://srttc.ac.in/5.4.1.pdf |
| Upload any additional information | View File |

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

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |

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

The institution follows the decentralized governance to a significant extent. Regular meetings are conducted with the all staff by Principal. The suggestions and opinions of the staff members are considered. HOD's are assigned with the academic and administrative work. The departmental meetings are conducted by the HOD's with the teaching staff focusing on improving the academics, cocurricular and extra curriculum activities. Various academic works are assigned to the faculty such as timetable, planning of teaching/lesson plans, preparation of course material and work dairy. These are reviewed by the concerned HOD's at the end of the month. In addition to this, faculties are involved in various decision-making processes of the institute viz College Development Committee etc. All these committees meet and the major decisions taken are to remove delays and ensure total transparency in the procurement of items. Below is one of case study involving students in College functional activities. By doing so students get hands on skills set such as leadership qualities and time management which are required in all facet of life. With this aim, student's council is officially formed every year. The student's council is not only instrumental in organizing sports, cultural and technical events and

competitions but also helps as one of the tools to practice decentralization and participative management to reach up to the individual student. Student's Council is facilitated by three faculty Coordinators each one for sport, technical and cultural activities (one of them act as Vice President of council) who are selected in the College Development Committee (CDC) meeting considering individual's interest and capabilities. These faculty coordinators then invite applications from students for the various posts in the council. They scrutinize the applications, conduct the interviews of aspiring students, study their background, zeal and abilities and forward the outcomes with recommendations to the principal for final approval. Principal make a dialogue with the recommended students and with due analysis approves the selections. The approval with details of faculty and students in council is published by a circular on notice board and institute website. The student council then interacts with class representatives, individual students and faculty members and prepares planning of various students' activities in correlation with academic activities. They also prepare the annual financial budget and forward it to the principal for CDC recommendation. Based on the recommendation of CDC, the Governing Body (GB) approves the budget. Once the budget is sanctioned, the council members themselves organize, coordinate and conduct various activities with the help of student volunteers. In big events, committees of faculty members are also formed to facilitate whenever asked for by the council members. All the accounting of expenditures is done by the council members at their end. The accounts statements of student activities are produced for approval of management which are sanctioned after due verification with the help of account's department. Following events were successfully organized and participated by the council. Interaction with industry is important as it bridges the gap between academics and industry needs. College is having entrepreneurship development cell to shape new idea. College encourages faculty member to associate with industry. They are sent for training in relevant industries of their domain. Every semester students are taken to industrial visits. Institute is having MoUs with industries. The institute is having following activities • Industrial visits • Consultancy projects • Funded project in collaboration with industries. • Guest lectures by expert from industry • In-plant training and internship for students

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.srttc.ac.in/agar2020-21.html |
| Upload any additional information | View File |

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

The committees meet and the major decisions taken are to remove delays and ensure total transparency in the procurement of items. Below is one of case study involving students in College functional activities by doing so students get hands on skills set such as leadership qualities and time management which are required in all facet of life. With this aim, student's council is officially formed every year. The student's council is not only instrumental in organizing sports, cultural and technical events and competitions but also helps as one of the tools to practice decentralization and participative management to reach up to the individual student. The management encourage enhancement of research culture in institute, workshops, seminars of various topics for faculties are arranged. Faculties are encouraged to do research and submit research proposal to various funding agencies such as AICTE, DTE, BIRAC, NCL, DST, etc. Institute has planned that each faculty member should publish research papers and Book Chapters in Scopus, SCI and UGC approved Journals. To develop recent technologies amongst students to fulfill today's industry need. The institute is focusing to upsurge industry institute interaction for bridging the gap between curriculum and industry needs. Institute has anticipated skill development training to progress recent technologies among students to accomplish today's industry need. Enrichment of Institute stamping through social activates The institute has established NSS unit under SPPU university through this, the institute regularly conduct societal activities such as blood donation camp and other social activities.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.srttc.ac.in/agar2020-21.html |
| Upload any additional information | View File |

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institutional Strategic/Perspective plan is effectively deployed: The Institute's quality policy is well conveyed from its vision and mission statements. Strategic plan and action plan are designed in such a manner that this quality policy is driven and deployed during every process. Each process is regularly reviewed by a monitoring mechanism. Strategy to develop competences to serve the ever changing needs of the industry & society and strategy to empower the faculty, staff and aspiring engineers with essential technical knowledge and skills: Applying the innovative teaching learning methods such as Cooperative learning, Group discussions, Seminars and Lab Demonstrations. Arranging industrial visits, in-plant trainings and guest lecture for students. Organizing orientation programs, courses related to the curriculum. Use of teaching aids such as Models, Multimedia Presentations, NPTEL video lectures etc. Introduction of online academic monitoring systems - Linways, software to assess and regulate the academic process.

Strategy to implement Green Initiatives in the Campus: With the help of NSS cell of the college, various activities are organized to have a plastic-free campus. Planting trees in the college campus was done by the students as a responsibility towards Mother Nature and a contribution to the initiative of a new campaign "One Student One Tree" during the month of August. The entry of outside vehicles/automobiles into the college campus can be restricted/limited so that the college will be free from air-pollution and accidents can also be avoided to a great extent. This will also encourage the stakeholders to use public transportation system. Protecting the natural water bodies in and around the college campus & proper maintenance of rain water harvesting system is to be implemented. Proper maintenance of waste management system, waste water recycling system & the biogas plant will help the campus to look neat, clean & provide a pleasant feeling.

| File Description | Documents |
|--|---|
| Strategic Plan and deployment documents on the website | View File |
| Paste link for additional information | https://www.srttc.ac.in/aqar2020-21.html |
| Upload any additional information | View File |

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.

Governing Body:

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 programmers 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

| File Description | Documents |
|---|---|
| Paste link for additional information | https://www.srttc.ac.in/agar2020-21.html |
| Link to Organogram of the Institution webpage | https://www.srttc.ac.in/SRTTC-orgchart.pdf |
| Upload any additional information | View File |

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

A. All of the above

| File Description | Documents |
|---|---------------------------|
| ERP (Enterprise Resource Planning) Document | View File |
| Screen shots of user interfaces | View File |
| Any additional information | View File |
| Details of implementation of e-governance in areas of operation, Administration etc (Data Template) | View File |

6.3 - Faculty Empowerment Strategies

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

Institute has effective welfare measures in place for its teaching and non-teaching staff. The various welfare schemes are as follows:

1. Medical Leaves

2. Child Educational Allowance

3. Maternity benefits as per norms

4. Leave Travel Concession 5. All the non-doctoral staff members are encouraged to get enrolled for part-time Ph.D. program.

5. Subsidized on campus medical facilities 8. DEI Employees' Welfare Fund

6. Opportunities for international exposure, as per norms

The following facilities are also provided to employees for efficient functioning :

1. Medical leave
2. Yoga classes
3. Psychological counseling
4. 24 hour power back-up (100%) through solar power plants
5. Wi-Fi facility.
6. Workspace
7. Computing facility
8. Crèche facility
9. Cafeterias
10. Free e-transport in campus
11. Identity cards
12. Sports facilities A new and innovative initiative has been taken by providing a crèche facility for the children of staff.

The campus is vehicle-free and free e-transport has been provided within the campus. Psychological counselling is available for the staff. A large number of faculty members have been supported for International visits by Staff members to MoU Institutions and Conferences. In order to encourage the young faculty to pursue a vibrant research career Internal projects and Seed money have been provided early in their career. Uniforms are available for the students at very low cost. Subsidized milk and dairy products are available on a daily basis. Low rental cost housing is available wherein the rents amount to almost nothing is available. Various kinds of scholarships are available on basis of merit, merit-cum-means and for the underprivileged sections of the society. These are from the Institute's own resources apart from the Government schemes that are available. Special scholarships are available for students with less means pursuing PhD. A Thrift Society provides financial support to its members at times of need. Mechanism is available for providing non-refundable loans in case of medical emergencies to staff as per need.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.srttc.ac.in/agar2020-21.html |
| Upload any additional information | View File |

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

28

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | View File |

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

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

28

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

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

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

28

| File Description | Documents |
|---|---------------------------|
| IQAC report summary | View File |
| Reports of the Human Resource Development Centres (UGCASC or other relevant centers) | View File |
| Upload any additional information | View File |
| Details of teachers attending professional development programmes during the year (Data Template) | View File |

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

A good performance management system works towards the improvement of the overall organizational performance of teams and individuals for ensuring the achievements of the overall organizational mission and vision. An effective performance management system plays a crucial role in managing the organization in an efficient manner. In line with this, the Institute is following the appraisal scheme suggested by AICTE viz. Performance Based Appraisal System (PBAS). In this scheme, the performance s are classified into three categories

1. Teaching, Learning and Evaluation related activities
2. Co-Curricular, Extension and Professional Development related activities
3. Research Publications and Academic Contributions The following weightages are assigned to these categories: 100:75:300.

These are called Academic Performance Indices (API). At the end of each academic year, the data pertaining to the above categories are collected from each faculty member in the proforma suggested by AICTE. Based on the data collected, API scores are calculated for each of the three categories. The Principal in consultation with senior Professors fix certain minimum API scores to be achieved by

the faculty members in the three categories. These scores are used for the award of career advancements to faculty members and for promotion to next higher position. Further, at the end of each semester, feedback forms are issued to the students for each of the courses attended by them. The feedback forms in the form of questionnaire collect information about the teacher and different aspects pertaining to the teaching process. A team consisting of the Head of the Department and Senior Professor in the Department, goes through the feedback forms collected from the students and suggest suitable measures to improve the teaching-learning process. As such there is no performance appraisal system followed for non teaching staff in the institute.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.srttc.ac.in/agar2020-21.html |
| Upload any additional information | View File |

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 and External Audits are regularly carried out in our Institute. Internal Audit consists of checking of day to day transactions all vouchers. In case of any discrepancy, it is immediately sorted out with proper information to management. These are done on monthly basis by senior Accounts officer. External Audit is carried out on six monthly basis by Certified Auditors. They check all Financial Matters Verify account transactions. They discuss all issues with our management submit Audit report as per the guidelines of office of charity commissions Income tax act. • The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources for the development of the academic processes and infrastructure development. • Institutional budget is prepared every year taking into consideration recurring and non-recurring expenditures. • All the major financial decisions are taken by the Institute's Local Managing Committee (LMC) and Governing Body (GB).

To achieve this goal, internal auditors will typically perform a multitude of tasks, including examining financial statements, expense reports, inventory, financial data, budgeting and accounting practices, as well as creating risk assessments for each department.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.srttc.ac.in/agar2020-21.html |
| Upload any additional information | View File |

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)

34

| File Description | Documents |
|---|---------------------------|
| Annual statements of accounts | View File |
| Any additional information | View File |
| Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template) | View File |

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

Source of income is fees collected from students, fees received from Social Welfare Department through scholarship and free ship, consultancy, grants received from Savitribai Phule Pune University under Student Welfare Scheme.

SRTTC, Pune prepares budget before 31st March of each year. This budget is presented before the Governing Body of trust. After getting approval of the Council, duly signed copy of Budget is handed over to the Accounts Section for utilization of funds.

Expenditure is done on salary of teaching and supporting staff, purchase of equipment, machinery and furniture, library books, e-subscriptions, electricity charges, group gratuity premium, consumables, software, Gymkhana-cultural, annual social gathering activities, telephone, internet bills, annual maintenance contract, repair and maintenance, faculty development programs, advertisement, affiliation and approval fees, printing & stationary, sanitation-housekeeping-gardening and security charges, educational tours, project expenses, postage and courier, uniform to supporting staff

members and other miscellaneous expenses.

Efforts are made so as make regular payment of salaries of teaching and supporting staff. Efforts are made to match expenditure with income sources during the financial year. However deficit if any, is borne by the Parent Trust. Regular monitoring of funds available with institute is done. Preference is given to procure new equipment for each department as per revised syllabus. Infrastructure requirements for improved teaching-learning process have given the first preference.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.srttc.ac.in/agar2020-21.html |
| Upload any additional information | View File |

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

Internal Quality Assurance Cell (IQAC) established on 8th July, 2017 in SRTTC FoE, plays vital role in academic and Admin Quality Enhancement through numerous activities and initiatives. Main objective of IQAC is to promote overall development of students and academic and admin staff through various initiatives.

Initiative- I

Promotion to Increase Industry-Institute Interaction

For bridging a gap between industry and academia, IQAC has contributed significantly in improving relations with the industries by forming Industry Advisory Board (IAB) for Mechanical, Civil and Computer Engineering Departments. Activities like IAB meeting, student's interaction with Industrial experts, Industrial Expert lectures, Industrial Visits, Patent Filing, workshops, signing of MoU's and training programs by industry experts are geared by IAB. Also suggestions are requested on curriculum and standard processes from the members of IAB for establishing standard strategies to assure the quality benchmark.

Outcome:

Increased Memorandum of Understanding in all departments.

Amplified the count of internship completed students in all streams.

Initiative- II

Promotion to Research activities through Quality publication in Book Chapter/Scopus/UGC approved journals and reputed international conference

Enhancement in research activities like awareness about research publication agencies and funding agencies for research proposals, effective research paper writing methodologies, seminars on research methodology, etc. are carried out in correlation with IQAC. As a result of the efforts taken by IQAC, book chapters in of two faculty members (Prof. Anjali M. Dalvi and Prof. S. S. Ajnalkar)are published. Most of the students from final year branch published papers in UGC approved good impact factor journal. Consultancy activities has been initiated in all departments for fund generation.

Outcome:

Two book chapters of faculty members (Prof. Anjali M. Dalvi and Prof. S. S. Ajnalkar)are published in IGI Global Data Pre-processing, Active Learning, and Cost Perceptive Approaches for Resolving Data Imbalance and Springer Cham Handbook of Smart Materials, Technologies, and Devices.

Funds of Rs. 120580/- has been generated through training and consultancy activities.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.srttc.ac.in/iqac.html |
| Upload any additional information | View File |

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

For effective curriculum delivery to the students, it is necessary to review teaching learning processes, structures & methodologies of

operations and learning outcomes at periodic intervals. IQAC is consisting of Head of Institute (HOI), Management personnel, Administrative Officers, Teachers, Nominee from local society and other stakeholders. So it is possible to review every process in detail for its effective implementation. Some of the reforms initiated through IQAC are as follows

Teaching Learning Processes -

IQAC has taken various initiatives for improving in teaching learning processes through creation of Learning Management System (LMS) such as course content uploading olms. From LMS student can remotely access complete curriculum and content beyond syllabus from LMS. Course file content modifications, course file checking through LMS verification report. Emphasis on use of digital techniques, periodic verification of academic activities like verification of teaching implementation sheets and verification of lectures and practical's as per timetables, etc. Verification by external ISO audits.

Structures & Methodologies of Operations and learning outcomes - Structure & methodologies of various operations are observed and checked by IQAC like displaying notices on notice boards, proper documentation of portfolio allotted, laboratory checking, etc. Also learning outcomes achievement is observed and checked by observing strategies used for tests execution & result analysis.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.srttc.ac.in/igac.html |
| Upload any additional information | View File |

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

| File Description | Documents |
|--|---|
| Paste web link of Annual reports of Institution | https://www.srttc.ac.in/naac.html |
| Upload e-copies of the accreditations and certifications | View File |
| Upload any additional information | View File |
| Upload details of Quality assurance initiatives of the institution (Data Template) | View File |

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Measures initiated by the institution for the promotion of gender equity during the last years are as follows:

- Yoga Sessions to ensure health
- Freshers Party
- Conducted "Prevention of Sexual Assault on Girl Students" Seminar to create awareness that ensures a safe environment.
- The institute has a policy of appreciating faculty without gender bias. Women faculty are nominated, based on their ability, as heads of the departments and conveners of various committees and discharging their duties efficiently
- Considering non-discrimination policy and commitment to gender equity, institute is having separate boys and girls common room. In girls common room all the necessary facilities such as washroom, cupboard, sanitary disposal machine, and vending machine are available

| File Description | Documents |
|---|--|
| Annual gender sensitization action plan | Gender Sensitisation Orientation Programme- for New Admissions both Boys and Girl students to Awareness about gender issues and working towards and creating an enabling environment of gender justice. 2. Woman Empowerment Programme for Women employees and girl students for enabling women to grow into leadership roles 3. Training Session on |

| | |
|---|---|
| | <p><u>Women Entrepreneurship in Waste Management Technology 4. Awareness programme and campaign on Women Rights and Gender equality 5. Infrastructure and supporting facilities for gender equality and security</u></p> |
| <p>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</p> | <p><u>The institute is committed to provide healthy and secure atmosphere for students, faculties and staff. The institute has security department from inception which consist of gents as well ladies security guards to provide safety and security in campus. They ensure their duties by patrolling, insisting on traffic and parking rules, checking I-card of students/visitors, inspecting suspicious actions, investigating safety related issues and responding in emergency situation. Institute is supervised by CCTV cameras for 24X7 including main gate, corridors, examination section, and entries of all buildings, canteen, and library. All the buildings of the institute are equipped with fire fighting instruments and maintained on regular basis. The Anti Ragging Cell, Internal Complaint Committee (ICC) and Women Grievance Cell (WGC) exist in institute to solve students' grievances. The Institute had organized one day workshop for all women employees and students to discuss redressal and enquiry procedure, prevention of sexual harassment. Institute has effective Mentor-Mentee Scheme (MMS) to provide academic, co-curricular and extra-curricular counseling to students on regular interval. The main objective of above activity is to identify weakness/strength of students and provide them counseling accordingly for their progress. The institute has appointed Associate Dean (Student development) with sole objective to focus on students' supports and progression.</u></p> |

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy

B. Any 3 of the above

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

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

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

We believe in promoting efforts to reduce generation of waste at SRTTC campus. All the academic buildings, class rooms, laboratories and porches are cleaned by our housekeeping staff on daily basis to maintain campus neat & clean. Waste bins are placed at various locations of campus to collect waste and in every evening and disposed by housekeeping staff. All waste water lines from bathrooms, toilets, laboratories of campus are connected to the main drainage lines. The biodegradable waste generated in campus such as canteen waste, leaves and wet waste collected in bins is centrally collected and dumped in compost pits located in campus and used as fertilizer in garden. This helps to create awareness on waste management among students. Defectives and obsolete electronic components are collected by the officials of system department and classified according to reuse, resale, salvage, recycling, or disposal. A non-repairable /out dated E waste generated has been identified and recommended for disposal through recycling agencies near Maval Region.

| File Description | Documents |
|---|---|
| Relevant documents like agreements/MoUs with Government and other approved agencies | View File |
| Geo tagged photographs of the facilities | https://www.srttc.ac.in/agar2020-21.html |
| Any other relevant information | No File Uploaded |

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 A. Any 4 or all of the above

of water bodies and distribution system in the campus

| File Description | Documents |
|---|---------------------------|
| Geo tagged photographs / videos of the facilities | View File |
| Any other relevant information | View File |

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

| File Description | Documents |
|--|---------------------------|
| Geo tagged photos / videos of the facilities | View File |
| Any other relevant documents | View File |

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

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

B. Any 3 of the above

| File Description | Documents |
|---|---------------------------|
| Reports on environment and energy audits submitted by the auditing agency | View File |
| Certification by the auditing agency | View File |
| Certificates of the awards received | View File |
| 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 | View File |
| Policy documents and information brochures on the support to be provided | No File Uploaded |
| Details of the Software procured for providing the assistance | No File Uploaded |
| Any other relevant information | View File |

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 institute, staff and students jointly celebrate the cultural and regional festivals, like New-year's day, Fresher Party ,teacher's day, orientation and farewell program, Induction program, rally, oath, plantation, Youth day, Women's day, Yoga day, festivals like Diwali celebration, Holi celebration, Christmas, New Year celebration, celebrations, etc. religious ritual actions are performed in the campus. Motivational lectures of eminent persons of the field are arranged for overall development of the students for their personality development and to make them accountable citizens following the national values of social and communal harmony and national integration. Besides academic and cultural activities, we have built up many strong infrastructures for a variety of sports activities for the physical development of the students. In this way, the institute's efforts/initiatives in providing an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic, and other diversities

| File Description | Documents |
|--|---------------------------|
| Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) | View File |
| Any other relevant information | View File |

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

India comprises of individuals with different backgrounds of cultural, social, economic, linguistic, and ethnic diversities governed and directed by the Constitution irrespective of caste, religion, race sex. SRTTC FOE sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens which enables them to conduct as a responsible citizen. To provide students with the knowledge, skill, and values that are necessary for sustaining one's balance between a living and life by providing an effective, supportive, safe, easy to get to, and affordable learning environment. 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. The Code of conduct is prepared for students and staff and everyone should obey the conduct rules. The affiliating University (SPPU) curriculum is framed with mandatory courses like Professional ethics and human values, as a small step to inculcate constitutional obligations among the students. These are Major Initiative taken by institute regarding Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

| File Description | Documents |
|--|---------------------------|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | View File |
| Any other relevant information | No File Uploaded |

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts

B. Any 3 of the above

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

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

The institution thoroughly follows and practices all prominent national and state functions. The institution celebrates all religion functions and encourages the students and faculty to showcase the same. Republic Day, Independence Day, Ganesh Festival, Guru Purnima, National Unity day, youth day, Shivaji Jayanti ,Teacher's Day, Engineers Day, Foundation Day , to name a few. National festivals are celebrated to honor the great leaders and respect to their work, devotion, sacrifice of national importance. These festivals creates an atmosphere of patriotism, integrity in the mind of citizens of India.

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

7.2 - Best Practices

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

1. Title of Practices:

E-Governance in Administrative and Academic Work

1. Objective of Practices:

1. To enhances relationship between all involvers.
2. To moderate all academic and admin processes.
3. To reduce most of the paper work thereby tending towards eco friendly approach.
4. To automate academic activities.
5. To increase operating efficiency.

1. The Context:

E- Governance is the cohesive management of core academic as well as non-academic processes, often in actual and facilitated by software and technology which increase efficiency of human resources with accuracy and development of institute.

4. The Practices:

We are using E- Governance in following way

1. The Developing Library Network (DELNET) -collect, store, and disseminate information from member libraries.
2. Wireless Campus (Wi-Cam) -Our Wireless campus (Wi-Cam) - Solution offers an innovative, holistic approach to campus communications that takes advantageof emerging technologies.
3. Learning Management system (LMS) - LMS has become popular amongst educationists because of its strengths andadvantages provide the better access to educational resources from outside the institution ona global and instant basis.
4. E-Learning -Increased and flexible interaction with student through domain e-mail and discussion forums.

1. Online Examination - Online Aptitude Test and Subjective Test for competitive exam like Gate open for 24 x 7 for all students.

5. Evidence of Success:

For effective working environment, all concern authorities are connected to each other through restricted channels. Students can obtain study material from anywhere in the world and anytime without travelling physically. Through a single login, students can apply for multiple test series without filling the same information again and again. Use of E- Governance reduces most of the paper works so that it becomes eco-friendly.

6. Problem Encountered and Resources Required:

6.1 Problem Encountered-

1. Privacy and Security
2. Capital Cost
3. Ease of Access and Internet Speed

6.2 Resources Required-

- Required of servers

1. Application Server
2. Database Server

Best Practice 2

"Mentor-Mentee" Program

1.Objective of Practices:

1. To focus and motivates students to achieve learning goals.
2. To help students to generate interest in academics & Institutional activities.
3. To provide institutional information to students.
4. To establish a trust relationship between mentor and mentee.
5. To provide career and non-academic counseling to students.

2.The Context

"Mentor-Mentee" scheme was introduced with a view to develop the educational and personal growth of students. Each mentor teacher establishes a strong and caring bond with his/her mentee students.

- The weak students were identified by the mentor and reported to the other faculty teaching in that class and subsequently more efforts are taken to upgrade and improve these students.
- Mentor is a guardian to his students he knows and understand his students personally.
- Parents are being updated regularly about the performance of their ward by the mentor and thus they are also involved in the process.
- Mentor acknowledges and addresses the problem faced by the students such as poor academic performance, problem related to infrastructural facilities and personal problems.
- All these activities undertaken by the mentor like minutes of meeting, suggestions etc are recorded in ISO APF form which is maintained by each and every mentor.

3.Schedule of Meeting

Faculty-students mentor meeting are arranged as per the pre-arranged calendar, or as per the need of student and moment. It is taken once in a month with aim to discuss about academic and non academic related content, to resolve any problem of students if they are facing and to motive them to achieve learning goals.

4.The Practice-"Mentor-Mentee Scheme"

The Mentor mentee program is for all the students i.e. from first year to the final year. Under this initiative, one faculty is appointed for every 20-25 students as their mentor. The role of the mentor is to continuously monitor the academic performance such as daily attendance of the mentee in lectures and practical, reporting the absentee of the students to their parents, monitoring their exam performance and conducting meeting with them regularly to discuss and address academic as well as problems of these students.

5.Evidence of Success

- This scheme has led to improvement of attendance of students as well as increase in the performance of the students.
- This scheme has brought up the problem faced by the students in the meetings and they have been addressed by the faculty members.

6. Problem Encountered and Resources Required:

Problem Encountered- Efforts have to be made to make students realize the importance of sharing their problems with their respective mentors.

Human Resource:

1. Mentor-Teacher
2. Mentee-Student

Material Required:

ISO APF 17A, 17B, 17C and 17D Format.

| File Description | Documents |
|--|---------------------------|
| Best practices in the Institutional web site | View File |
| Any other relevant information | View File |

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

Institutional Distinctiveness

Student Centric Approach for Overall development:

The institute is established with the vision to ensure excellence in imparting quality technical education to students to fulfill need of society global, through continual improvement. Institute strives to incorporate excellence and competencies in student through curricular, co-curricular and extracurricular activities. The institute is equipped with all modern facilities to groom students into dynamic and result oriented technocrats for embracing opportunities globally. SRTTC is working under Academic collaboration with reputed engineering Vishwakarma Institutes (VI) of Pune, Maharashtra. The institute takes efforts for students by development through providing scope, opportunities, facilities and practice to accomplish institute's vision, mission and thrust. Along

with regular curriculum our students are encouraged and benefited with internship program, sponsored projects, participation in SAE BAJA, TIFAN, SUPRA BAJA, Go-kart, SIH, on field visits, virtual industrial visits, expert speaker sessions, sports activities and social activity. Institute is surrounded by eco-friendly, pollution free, noiseless, pleasant environment which provide healthy environment for learning. With research oriented mind, our students have successfully filled patents. A Mini project competition, seminar competition, technical events enable students to understand spirit of teamwork, technical and life skills. The institute conducts value added courses like soft skills, skill development activity to enhance employability skills. Skill development facilitates for understanding the importance of speaking skills, listening skills, presentation skills, leadership skills, etc. Institute also provides add on training programs such as ADAMS, STADPRO, JAVA in collaboration with industries to bridge the gap between theory and its applications by making students industry ready. Institute has various professional chapters like NPTEL (National Programme on Technology Enhanced Learning), ISTE (Indian Society for Technical Education), SAE, QCFI (Quality Circle Forum of India), NSS (National Service Scheme), CESA (Civil Engineering Student's Association), SOCE (Society of Computer Engineers), CSI (Computer Society of India) to provide global platform for students and faculties to participate and enrich the knowledge. FDP (Faculty development program) were arranged for faculties and staff intended to provide and enhance skill of the faculty. Institute has signed Memorandum of Understanding (MoU) with industries/organization to enrich technical education, learning process, advance knowledge, latest trends for students. During pandemic situation, institute developed facility of online lectures, virtual visits, online quiz, live practical conduction to ensure active engagement and curriculum delivery.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

The institute is affiliated to Savitribai Phule Pune University (SPPU). Suman Ramesh Tulsiani Technical Campus Faculty of Engineering is an ISO 9001:2015 certified institute and follows all the documented process as decided in the ISO QMS manual for effective curriculum delivery. The process used for a well planned curriculum delivery and documentation is as follows: i. Each and every activity for effective curriculum delivery is getting initiated, discussed and implemented by concerning with Principal and Management. ii. Institute head and head of the department prepares an institute academic calendar in correlation with the SPPU academic calendar in prior to start of semester. iii. All HOD's will prepare the Departmental Academic Calendar as per Institute Academic Calendar. iv. Subject preferences from the curriculum declared by university are taken by the HOD from all teachers & Subject allocation has been done as per the standard policies. v. Subject teacher prepares course files, presentations, laboratory manuals after subject allocation for effective implementation of curriculum. Also the subject teacher prepares teaching plan and practical plan manually. After getting approval from concerned HoD, subject teachers start implementing the teaching and practical plan. vi. The students made aware about teaching & practical plan by uploading it on website, displaying it on notice boards and explaining it in the starting lectures of the semester. vii. Lecture & practical implementation sheet helps HOD's to monitor the gap between planned and actual conducted lectures. According to the gap, the HOD's prepares timetable and further activities. viii. For effective overall development of students and for personal attention, mentor-mentee scheme has been implemented. ix. The institute conducts unit tests & prelim tests for checking the performance of the students along with university exams (In-semester/online, Oral/Practical and End-semester exams) as per the university norms. x. All the processes are monitored, analyzed and verified for quality checking and quality improvements in various audits like Academic Monitoring Committee (AMC), Internal Quality Assurance Cell (IQAC) Audit, Internal & External ISO Audits, Vishwakarma

Institutes Audits. xi. Documented process in the institute is carried out and maintained effectively by using official emails. xii. The effective curriculum delivery is done additionally by conducting industrial visits, expert lectures, workshops, in-plant trainings and additional value added courses. xiii. Organization Structure is prepared and every activity is checked and verified as per the structure of the institute

| File Description | Documents |
|-------------------------------------|---|
| Upload relevant supporting document | View File |
| Link for Additional information | http://srttc.ac.in/1.1.1.pdf |

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

The institution adheres to the academic calendar for the conduct of CIE Academic calendar is prepared by Principal, Dean (Academics) in consultation with HoD(s) . In the beginning of the academic session the students are apprised of academic calendar and same is uploaded on college website and displayed on notice boards and at strategic locations. Only head of the institution can incorporate minor changes in academic calendar which he may deem fit considering the unforeseen circumstances. The Schedule of All Examinations is given in academic calendar. The course teachers announce the syllabus and display question bank for Test-I , Test-II Assignment-I and Assignment-II as per the academic calendar. Assignments are submitted by students as per the dates given in academic Calendar .The slots of the Assignment-I, Assignment-II and sessional exam are mentioned in the academic calendar. Examination schedule of these exams is announced and displayed in advance by Dean (Academics). Display of marks is also as per the schedule given in academic calendar.

| File Description | Documents |
|--------------------------------------|---|
| Upload relevant supporting documents | View File |
| Link for Additional information | http://srttc.ac.in/1.1.2.pdf |

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

A. All 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 | View File |
| Any additional information | View File |

1.2 - Academic Flexibility

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

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

3

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Minutes of relevant Academic Council/ BOS meetings | View File |
| Institutional data in prescribed format (Data Template) | View File |

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

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

394

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Brochure or any other document relating to Add on /Certificate programs | View File |
| List of Add on /Certificate programs (Data Template) | View File |

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

394

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

394

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

1.3 - Curriculum Enrichment

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

Institution is taking continuous efforts for integrating cross cutting issues and the description of the efforts

is as follows:

1. Gender:

Internal Complaint Committee (ICC), Grievance Redressal Committee and Anti-Ragging Committee are formed to play a vital role for addressing the issues related to gender such as harassment, ragging and gender equity awareness, etc. Various workshops and programs are conducted through these committees and NSS committee.

2. Environment and Sustainability:

To address this issue, SPPU has added various courses into curriculum like Environmental Engineering-I, Basic Civil and Environmental Engineering, Infrastructure Engineering, Audit Course, Power Plant Engineering, Energy Audit and Management to address the issue.

Additional to this, institute uses standard procedure for waste disposal, water recycling, and rain water harvesting. Various awareness programs are organized through NSS committee related to environment and sustainability.

3. Human Values:

To address this issue, SPPU has added various courses into curriculum like Soft Skills, Audit Course to address the issue.

4. Professional Ethics:

To address this issue, SPPU has added various courses into curriculum like Soft Skills, Employability Skill Development, and Awareness to Civil Engineering Practices to address the issue.

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

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

108

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

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

108

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

1.4 - Feedback System

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

| File Description | Documents |
|--|---------------------------|
| URL for stakeholder feedback report | View File |
| Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload) | View File |
| Any additional information(Upload) | View File |

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

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

| File Description | Documents |
|-----------------------------------|---|
| Upload any additional information | View File |
| URL for feedback report | http://srttc.ac.in/1.4.2.pdf |

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

90

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

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

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

06

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| Number of seats filled against seats reserved (Data Template) | View File |

2.2 - Catering to Student Diversity

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

For student's overall development and personal attention, Mentors are assigned to the group of students who assess the cognitive academic abilities along with leadership skills, creative thinking and Behavioral aspects by interacting with them in person. The students are categorized and groomed. Mentor - mentee meetings are being conducted periodically. Special mentoring for slow learners including separate assignments, hands on session, bridge classes are organized. For advanced learners add on courses in collaboration with external agencies are conducted for enhancing technical skills as per the market requirement. Mentor prepares slow and advanced learner list based on the questionnaires provided or by previous result/ performance of student. Mentor monitor slow and advanced learner students throughout year and plan activities to improve their skills. Meetings of the students with class teachers are conducted frequently. The points which need to be resolve are taken care by the Head of the department. A consolidated report of such meetings requiring intervention of the Principal is sent by head of the department to the Principal. Students get academic, personal guidance and social behavioral counseling from the concerned Guardian Faculty Members, Class Teachers and Heads of the Departments.

| File Description | Documents |
|-----------------------------------|---|
| Link for additional Information | https://www.srttc.ac.in/agar2020-21.html |
| Upload any additional information | View File |

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

| | |
|--------------------|--------------------|
| Number of Students | Number of Teachers |
| 433 | 24 |

| File Description | Documents |
|----------------------------|---------------------------|
| Any additional information | View File |

2.3 - Teaching- Learning Process

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

Institute has opted for object based education system which enables all academic process to be designed and implemented towards students centric learning. Program objective and Course objectives have been identified for every course. Subject teachers are advised to take feedback from students on the attainment of expected learning outcomes. Teachers and students both are encouraged to attend training programs and workshops organised by the institute and also by other institutions. Students are motivated to use the Virtual laboratory platforms to enhance their cognitive skills. Final Year projects are used as platform collaborative and interactive learning. Teachers and students use NPTEL videos and courses to promote independent learning. Along with this various activities like Group discussions, industrial Visits, Guest lectures, Training sessions are being desired.

| File Description | Documents |
|-----------------------------------|---|
| Upload any additional information | View File |
| Link for additional information | https://www.srttc.ac.in/aqar2020-21.html |

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

Institute not only use the traditional chalk and duster method but uses the interactive ICT tools such as LCD projectors, PPTs, Flashpoint presentations which enable students to experience effective teaching and learning process. All the classrooms in the institute are enabled with LCD projectors with internet facility. Along with this institute has developed its

own LMS facility which helps students to access the study material from remote locations. facility is also available for live streaming of video lectures and video conferencing. Faculties and students are encouraged to participate in the training & internships in the industries. Industrial visits are organised in every semester to boost students practical challenges faced in the industries. This overall improves the students skills.

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Provide link for webpage describing the ICT enabled tools for effective teaching-learning process | https://www.srttc.ac.in/lms.html |

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

18

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

2.4 - Teacher Profile and Quality

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

30

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

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

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

02

| File Description | Documents |
|---|---------------------------|
| Any additional information | No File Uploaded |
| List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template) | View File |

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

2.4.3.1 - Total experience of full-time teachers

140

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

2.5 - Evaluation Process and Reforms

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

Transparency in the assessment is of key importance for building belief in the system. The mechanism adopted for internal assessment ensures transparency by involving various stake holders as elaborated:

- 1.Term work evaluation of students is based on continuous assessment. Students are made aware of this assessment scheme in the orientation program and in the first lab/tutorial session.
- 2.Notices/circulars are circulated to faculty in department meetings, are displayed on notice boards and by emails.
- 3.Continuous assessment evaluation scheme is discussed in Student Class Teacher Meetings.
- 4.Assessment of activities like seminars, mini-projects, projects, along with third party review brings transparency in the process.

The robustness of mechanism helps to achieve consistently good result which is highlighted from the result of the institute.

Robustness of mechanism:

- 1.The expected level of the outcome is specified and declared to the assessor which helps the assessor.
- 2.Declaration of assessment method by providing assessment scheme and complete solutions of the assignments.

The frequency of assessment is decided as follows:

- 1.Unit-wise assignment and online test: On Completion of Unit.
- 2.Practical assessment: Weekly.
- 3.Seminar and project: Monthly.
- 4.Class Test: Twice in Semester.
- 5.Preliminary test: End of the Semester.
- 6.Feedback: Twice in Semester.

Overall process assessed by departmental advisory board.

| File Description | Documents |
|---------------------------------|---|
| Any additional information | View File |
| Link for additional information | https://www.srttc.ac.in/agar2020-21.html |

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

Institute is affiliated to Savitribai Phule Pune University (SPPU) all the university exams are being conducted as per the guidelines by provided SPPU. The institute has a seperate exam department which is consists of college exam officer(CEO) who is appointed by the college for conducting all unversity level examinations. These examinations include online examinations, In-semester examinations and End-semester examinations. These examinations are conducted as per the schedule given by the university. CEO ensures the effective implementation of all guidelines provided.

Along with this institute also conducts internal examinations which are institute level. Departmental exam coordinators are appointed for the internal examinations. They are appointed by the respective head of departments. Departmental exam coordinators are responsible for the smooth conduction of the internal examinations.

| File Description | Documents |
|---------------------------------|---|
| Any additional information | No File Uploaded |
| Link for additional information | https://www.srttc.ac.in/agar2020-21.html |

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.

The program Outcomes (POs) and Program Specific Outcomes (PSOs) are displayed on each departmental notice board. The Course Outcomes (COs) are defined by the course coordinator in consultation with module coordinator and Departmental Advisory Board (DAB). In addition to this, the outcomes are conveyed to the stake holders by displaying them at appropriate locations like, college library, Institute notice board, Institute website and laboratories.

The course files of the course coordinators also contain the POs, PSOs and COs. The outcomes are communicated to faculty through faculty development programs and training organized for faculty.

Outcomes are frequently discussed in faculty meeting. The outcomes are made part of the course file and communicated to students in principal's address at the start of each semester. Also faculty members discuss POs, PSOs and COs. in the class while discussing lecture plan.

| File Description | Documents |
|--|---|
| Upload any additional information | No File Uploaded |
| Paste link for Additional information | https://www.srttc.ac.in/aqar2020-21.html |
| Upload COs for all courses (exemplars from Glossary) | No File Uploaded |

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

Process to monitor the degree of PO Attainment - 1. Direct Assessment tools: During each semester, for each course, sample questions from the papers (Insem/Prelim/University) and assignments are mapped to respective POs through course outcomes. The degree of assessment is evaluated based on academic performance of the students. For all the tools, the degree of attainment for each course will be evaluated by taking the average passing percentage of the class for the course. This passing percentage is compared with department threshold value to categorize them as High, Medium and Low levels of attainment.

2. Indirect Assessment tools The enlisted surveys/ feedbacks are collected periodically and their statistical analysis is carried out. This analysis is compared with department threshold value to categorize them as High, Medium and Low levels of attainment. Module coordinator consolidates the attainment of POs from all the courses and prepares the final attainment report. The consolidated PO attainment is presented in front of PAC (Programme Assessment Committee) and then DAB (Departmental Advisory Board).

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

2.6.3 - Pass percentage of Students during the year

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

112

| File Description | Documents |
|--|---|
| Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template) | View File |
| Upload any additional information | No File Uploaded |
| Paste link for the annual report | https://www.srttc.ac.in/aqar2020-21.html |

2.7 - Student Satisfaction Survey

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

<https://www.srttc.ac.in/aqar2020-21.html>

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)

1.2 Lakhs

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

3.1.2 - Number of 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

3

| File Description | Documents |
|---|---|
| List of research projects and funding details (Data Template) | View File |
| Any additional information | No File Uploaded |
| Supporting document from Funding Agency | View File |
| Paste link to funding agency website | https://byjusexamprep.com/maharashtra-state-exams/maharashtra-police-constable-exam |

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

32

| File Description | Documents |
|--|---------------------------|
| Report of the event | View File |
| Any additional information | View File |
| List of workshops/seminars during last 5 years (Data Template) | View File |

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

20

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

3.2.2 - 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

9

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

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

1. NSS Unit SRTTC_FOE, Kamshet had arranged Vaccination Camp in Institute for Covid 19. However, the health of every human being is a good that is necessary for the prosperity of a society. Public health is everyone's individual responsibility and for that NSS Unit SRTTC_FOE, Kamshet had taken an important perspective to arrange vaccine camp for the same.

2. Tree Plantation helps many environmental issues like deforestation, erosion of soil, desertification in semi-arid areas, global warming and hence enhancing the beauty and balance

of the environment for that NSS Unit SRTTC_FOE, Kamshet arranged Tree Plantation on World Environment Day and do tree plantation for the same

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.srttc.ac.in/NSS.html |
| Upload any additional information | View File |

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

2

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

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

16

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

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

434

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

3.4 - 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

154

| File Description | Documents |
|---|---------------------------|
| e-copies of linkage related Document | View File |
| Details of linkages with institutions/industries for internship (Data Template) | View File |
| Any additional information | No File Uploaded |

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

17

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The SRTTCFOE has well equipped and adequate classrooms with green boards, LCD projector with LAN connectivity. These teaching aids with all the facilities are shown to the student for better understanding and enhancing their knowledge for the quality improvement in technical fields. By using these tools students can develop their presentation skill. The classroom having sufficient and good quality furniture so that student can give more concentration on teaching learning process. The teachers in classrooms uses collar mike so as to be audible to entire class. The college has well equipped tutorials rooms for the discussion of assignment completion and Projects, seminar and also faculty can concentrate each of students for the empowerment of teaching learning process. All the laboratories are well equipped with latest equipment as per the curriculum decide by SPPU on timely basis and which are calibrated as per the norms. The practicals and assignments are performed as per the SPPU syllabus which is design by BOS members and Industry person by taking care of current need. The Laboratory having charts and models for the better understanding of assignments and practical's. In some of the labs there is a Virtual lab software for the better understanding of virtual world by taking care of all the practicals run in the labs. We have developed our own system for conducting practical's in labs in such a way that student understand it in easier manner by taking care of all the levels of students. In our college we have developed Language Laboratory as per the norms given by AICTE for the improvement in students in terms of communication skill. We have also purchase "My Examo" online test series to enhance capabilities of students for better performance in SPPU online exam. The college has developed well

equipped workshop with all the latest machines. In SRTTCFOE we have given more concentration on Library development because Library is a heart of Teaching Learning Process .SRTTCFOE library having good number of books,journals magazines and e-resources as per the curriculum given SPPU. It has a semi-automated OPAC software system integrated with ERP. Library has well-furnished reading room with 24x7 Wi-fi facility and Multimedia PCs. Book Bank scheme is also available to the economically meritorious students. Training Placement cell and Institute Industry interaction cell T&P cell facilitates arranging training session, placement drive, Mock interview and group discussions are regularly practiced. Institute Industry interaction cell arranges site visit, gives guidance to final year students for industrial Projects and facilitates with summer internship and cell helps in entering MOU with industries. The college has two Seminar halls with ICT facility for conducting subject matter expert lectures, paper presentation, conferences and workshops.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.srttc.ac.in/naac.html |

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

The college has adequate sports facilities for students. In Indoor facility we are having Badminton court, Carom Facility, table Tennis, Chess. In outdoor facility we are having well maintained cricket ground, Volleyball court, Basketball court and Kabaddi ground. In our college we are also arranging InterCollege and Intra College matches for Students empowerment in sport area. Various functions like fresher parties, farewell functions, yoga day, and celebration of festival are also held in our campus.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.srttc.ac.in/naac.html |

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

14

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

14

| File Description | Documents |
|---|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.srttc.ac.in/naac.html |
| Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template) | View File |

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

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Upload audited utilization statements | View File |
| Upload Details of budget allocation, excluding salary during the year (Data Template) | View File |

4.2 - Library as a Learning Resource**4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

Main objective of the library is to contribute for the vision mission of the institute and to provide accessibility of information to the students and faculty members in well organized manner. Also to adopt new technology to satisfy user needs. The library is partially automated using library management software 'SLIM21 (V.2.9.1)' since 2011. SLIM21 - is popular and advanced integrated library automation management software. In SLIM21 information retrieval is simple, fast and efficient. This

software is versatile, user-friendly and cost-Effective. It incorporates latest tools and techniques, also cataloguing adhere to international standards. SLIM21 is equipped with different basic modules like Cataloguing, Circulation, Serials and OPAC. Cataloguing module catalogues any type of material, print as well as non-print. SLIM has virtually no limit on length of bibliographic details. Circulation module facilitates lending of books to users and receiving them back. This module is used for all types of counter transactions such as: Issue, Renewal, Return, Reservation, Reservation Cancel, Reminders. Easier interface for barcode system which offering basic transactions like Issue and Return. This module also shows Statistical reports for all specified counter transactions. This module gives facility for printing book spine label as well as accession number barcodes. This module gives facility of printing borrower cards with wide range. Serials module simplifies tracking of Journal holding of the library. It generates arrival schedule for issues of journal. OPAC module facilitates easy access of available resources to the users. This module is designed to search all available databases using important fields and This module has Simple search and advanced search facility to search the database using important fields such as Item type, Accession Number, Author, Title, Edition, Year, Publisher, Department and availability.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for Additional Information | https://www.srttc.ac.in/naac.html |

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

E. None of the above

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

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

| File Description | Documents |
|--|---------------------------|
| Any additional information | View File |
| Audited statements of accounts | View File |
| Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template) | View File |

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)**4.2.4.1 - Number of teachers and students using library per day over last one year**

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Details of library usage by teachers and students | View File |

4.3 - IT Infrastructure**4.3.1 - Institution frequently updates its IT facilities including Wi-Fi**

In SRTTCFOE all computers are connected with LAN and internet using CAT6 cables. It gives internet connectivity of 16 Mbps to SRTTCFOE with star topology with 100 Mbps speed. SRTTCFOE campus having Wi-Fi facility to enjoy and to empower the student progress in terms of teaching learning process and extracurricular activities. The Computer laboratories are well equipped with all the facilities for better teaching learning process. SRTTCFOE has a very strong System Department which takes care of the updates of its IT facilities in terms of hardware and software upgradation and also it cares of installation of new wifi devices when need arises, with firewall softwares. The college uses ICT and ERP for the improvement of teaching learning process. It also increases automation in administration department for the speedy work environment.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.srttc.ac.in/naac.html |

4.3.2 - Number of Computers

310

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |
| Student – computer ratio | View File |

4.3.3 - Bandwidth of internet connection in the Institution

B. 30 - 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Audited statements of accounts. | View File |
| Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates) | View File |

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The physical facilities including Laboratories, Classrooms and Computers and so forth are made available for the students those who are admitted in the college. The laboratory expenses of the students are included in the yearly fees at the time of the admission. The college authority yearly allocates budget for the maintenance and development of the laboratories and the classrooms in terms of ICT facilities which a part of the teaching and the learning processes. The classrooms boards, ICT facilities and furniture facilities are utilized regularly by the students. The maintenance and the cleaning of the classrooms and the laboratories are taken care by third party contract experts and non-teaching staff which are available at college level. The college garden is maintained by the gardener which is appointed by the institute authority person. The college has sufficient number of the computers with internet connections and the utility software's distributed in different like laboratories, office, library multimedia center, department and faculty room etc. All the institute beneficiaries have equal opportunity to use those facilities as per the rules and the policies of the institution. The central computer laboratory connected in LAN is open for the students for whole day, the office computers which are also connected through the LAN is consisting of the all the required software making work easier and are restricted to use only by the appointed office staff. The library computers are connected with LAN and internet and also they are loaded with the library software which is required for in out accession. The departments and the staff can make use of the computer system with internet at their seating places, maintenance of all the computer related facilities are taken care by system department. The college website is developed and regularly maintained by website development committee. The maintenance of UPS and the Generator is regularly done by third party contract in supervision with estate manager and the expenditure is done from college budget. The academic and extracurricular support facilities likewise classroom, laboratory, library, sports and other platforms supporting overall development of the students like NSS, Alchera & SAE club, or Competitive examination cell etc. is open for the entire college student. A provision of the budget for the library maintenance is made by the college development authority along with management representative. The activities like keeping library clean and fumigation is done frequently by library staff. The sport facilities of the college is meritorious and some credit defiantly goes to the adequate infrastructure consisting

of the Indoor Hall for table tennis ,badminton, and outdoor facilities likewise basketball court, football ground and cricket ground along with kabaddi ground which can be used by student and staff. A special budget is allocated for the maintenance of this sport facility.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional information | https://www.srttc.ac.in/naac.html |

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

321

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

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

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

18

| File Description | Documents |
|--|---------------------------|
| Upload any additional information | No File Uploaded |
| Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template) | View File |

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

A. All of the above

| File Description | Documents |
|---|---|
| Link to institutional website | http://srttc.ac.in/5.1.3.pdf |
| Any additional information | View File |
| Details of capability building and skills enhancement initiatives (Data Template) | View File |

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

380

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

380

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template) | View File |

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

C. Any 2 of the above

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

| File Description | Documents |
|--|---------------------------|
| Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee | View File |
| Upload any additional information | View File |
| Details of student grievances including sexual harassment and ragging cases | View File |

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

61

| File Description | Documents |
|---------------------------------------|---------------------------|
| Self-attested list of students placed | View File |
| Upload any additional information | View File |

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

5.2.2.1 - Number of outgoing student progression to higher education

2

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

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

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

0

| File Description | Documents |
|-------------------------------------|---------------------------|
| Upload supporting data for the same | View File |
| Any additional information | View File |

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

4

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

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

For overall development of the institution and students, the different events and innovative programs are organized in institute, For that collective efforts are made by involving the students in the academic and administrative institutions / committees. Innovative programs are organized to promote the multi-faceted personality of the students. For this, a student council exists to enhance the overall graduation experience in the institute. The main objective of the student council is to cultivate and enhance organizational skills in the students which will result in their personality growth. The Student Council acts as a link between the institution administration and the student, giving student community an opportunity to express their views on the institution and to make suggestions as expected. Each year the Student Council organizes various sports/cultural activities. Due to Pandemic situation, Out of which all those activities were organized on online / offline platform as per instructions received from AICTE. This approach ensures a strong relationship between the institution and the students resulting in the expected program outcome. Student representation on the Internal Grievance Committee (ICC) provides ethical support to students to raise their grievances, if any, and brings transparency between the institution and students regarding the adoption process.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | http://srttc.ac.in/5.3.2.pdf |
| Upload any additional information | View File |

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

17

| File Description | Documents |
|--|---------------------------|
| Report of the event | View File |
| Upload any additional information | View File |
| Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template) | View File |

5.4 - Alumni Engagement

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

SRTTC registered SRTTC Alumni Association (MH/908/2018/Pune) from Assistant Charity Commissioner, Pune, with the name of "SRTTC Alumni Association". SRTTC Alumni association will be going to form in the Institution to satisfy following financial and non-financial assistance to attain social values by an individual or by a group of students associated with Alumni association.

Non-financial activities:

1. Delivering academic lectures.
2. Delivering lectures on pursuing careers.
3. Disseminating information on current and future trends in industries.
4. Contribution to laboratory development.
5. Organizing industrial visits.
6. Participating in curriculum development.
7. Extending help for campus interviews.
8. Active role in bringing up MoUs.
9. Acting as brand ambassador of the Institute.

10. Facilitating sponsored projects for students.
11. Facilitating internships for students.
12. Sharing experiences with students.
13. Sharing information about higher studies.
14. Guidance for co-curricular and extra-curricular activities.
15. Participation in social welfare activities.

Financial activities:

1. Membership of the alumni association.
2. Institutionalization of scholarships.
3. Financial contribution towards development of academic facilities.
4. Sponsoring the events.
5. Sponsoring rewards.
6. Donating in-kind, books etc.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | http://srttc.ac.in/5.4.1.pdf |
| Upload any additional information | View File |

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

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |

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

The institution follows the decentralized governance to a significant extent. Regular meetings are conducted with the all staff by Principal. The suggestions and opinions of the staff members are considered. HOD's are assigned with the academic and administrative work. The departmental meetings are conducted by the HOD's with the teaching staff focusing on improving the academics, cocurricular and extra curriculum activities. Various academic works are assigned to the faculty such as timetable, planning of teaching/lesson plans, preparation of course material and work dairy. These are reviewed by the concerned HOD's at the end of the month. In addition to this, faculties are involved in various decision-making processes of the institute viz College Development Committee etc. All these committees meet and the major decisions taken are to remove delays and ensure total transparency in the procurement of items. Below is one of case study involving students in College functional activities. By doing so students get hands on skills set such as leadership qualities and time management which are required in all facet of life. With this aim, student's council is officially formed every year. The student's council is not only instrumental in organizing sports, cultural and technical events and competitions but also helps as one of the tools to practice decentralization and participative management to reach up to the individual student. Student's Council is facilitated by three faculty Coordinators each one for sport, technical and cultural activities (one of them act as Vice President of council) who are selected in the College Development Committee (CDC) meeting considering individual's interest and capabilities. These faculty coordinators then invite applications form students for the various posts in the council. They scrutinize the applications, conduct the interviews of aspiring students, study their background, zeal and abilities and forward the outcomes with recommendations to the principal for final approval. Principal make a dialogue with the recommended students and with due analysis approves the selections. The approval with details of faculty and students in council is published by a circular on notice board and institute website. The student council then interacts with class representatives, individual students and faculty members and prepares planning of various students' activities in correlation with academic activities. They also prepare the annual financial budget and forward it to the principal for CDC recommendation. Based on the recommendation of CDC, the Governing Body (GB) approves the budget. Once the budget is sanctioned, the council members themselves organize,

coordinate and conduct various activities with the help of student volunteers. In big events, committees of faculty members are also formed to facilitate whenever asked for by the council members. All the accounting of expenditures is done by the council members at their end. The accounts statements of student activities are produced for approval of management which are sanctioned after due verification with the help of account's department. Following events were successfully organized and participated by the council. Interaction with industry is important as it bridges the gap between academics and industry needs. College is having entrepreneurship development cell to shape new idea. College encourages faculty member to associate with industry. They are sent for training in relevant industries of their domain. Every semester students are taken to industrial visits. Institute is having MoUs with industries. The institute is having following activities • Industrial visits • Consultancy projects • Funded project in collaboration with industries. • Guest lectures by expert from industry • In-plant training and internship for students

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.srttc.ac.in/aqar2020-21.html |
| Upload any additional information | View File |

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

The committees meet and the major decisions taken are to remove delays and ensure total transparency in the procurement of items. Below is one of case study involving students in College functional activities by doing so students get hands on skills set such as leadership qualities and time management which are required in all facet of life. With this aim, student's council is officially formed every year. The student's council is not only instrumental in organizing sports, cultural and technical events and competitions but also helps as one of the tools to practice decentralization and participative management to reach up to the individual student. The management encourage enhancement of research culture in institute, workshops, seminars of various topics for faculties are arranged. Faculties are encouraged to do research and submit research proposal to various funding agencies such as AICTE, DTE, BIRAC, NCL, DST, etc. Institute has planned that each faculty member should publish

research papers and Book Chapters in Scopus, SCI and UGC approved Journals. To develop recent technologies amongst students to fulfill today's industry need. The institute is focusing to upsurge industry institute interaction for bridging the gap between curriculum and industry needs. Institute has anticipated skill development training to progress recent technologies among students to accomplish today's industry need. Enrichment of Institute stamping through social activates The institute has established NSS unit under SPPU university through this, the institute regularly conduct societal activities such as blood donation camp and other social activities.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.srttc.ac.in/aqar2020-21.html |
| Upload any additional information | View File |

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institutional Strategic/Perspective plan is effectively deployed: The Institute's quality policy is well conveyed from its vision and mission statements. Strategic plan and action plan are designed in such a manner that this quality policy is driven and deployed during every process. Each process is regularly reviewed by a monitoring mechanism. Strategy to develop competences to serve the ever changing needs of the industry & society and strategy to empower the faculty, staff and aspiring engineers with essential technical knowledge and skills: Applying the innovative teaching learning methods such as Cooperative learning, Group discussions, Seminars and Lab Demonstrations. Arranging industrial visits, in-plant trainings and guest lecture for students. Organizing orientation programs, courses related to the curriculum. Use of teaching aids such as Models, Multimedia Presentations, NPTEL video lectures etc. Introduction of online academic monitoring systems - Linways, software to assess and regulate the academic process.

Strategy to implement Green Initiatives in the Campus: With the help of NSS cell of the college, various activities are organized to have a plastic-free campus. Planting trees in the college campus was done by the students as a responsibility towards Mother Nature and a contribution to the initiative of a new campaign "One Student One Tree" during the month of August. The entry of

outside vehicles/automobiles into the college campus can be restricted/limited so that the college will be free from air-pollution and accidents can also be avoided to a great extent. This will also encourage the stakeholders to use public transportation system. Protecting the natural water bodies in and around the college campus & proper maintenance of rain water harvesting system is to be implemented. Proper maintenance of waste management system, waste water recycling system & the biogas plant will help the campus to look neat, clean & provide a pleasant feeling.

| File Description | Documents |
|--|---|
| Strategic Plan and deployment documents on the website | View File |
| Paste link for additional information | https://www.srttc.ac.in/agar2020-21.html |
| Upload any additional information | View File |

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.

Governing Body:

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 programmers 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

| File Description | Documents |
|---|---|
| Paste link for additional information | https://www.srttc.ac.in/aqar2020-21.html |
| Link to Organogram of the Institution webpage | https://www.srttc.ac.in/SRTTC-orgchart.pdf |
| Upload any additional information | View File |

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

A. All of the above

| File Description | Documents |
|---|---------------------------|
| ERP (Enterprise Resource Planning) Document | View File |
| Screen shots of user interfaces | View File |
| Any additional information | View File |
| Details of implementation of e-governance in areas of operation, Administration etc (Data Template) | View File |

6.3 - Faculty Empowerment Strategies

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

Institute has effective welfare measures in place for its teaching and non-teaching staff. The various welfare schemes are as follows:

1. Medical Leaves
2. Child Educational Allowance
3. Maternity benefits as per norms
4. Leave Travel Concession
5. All the non-doctoral staff members are encouraged to get enrolled for part-time Ph.D. program.
5. Subsidized on campus medical facilities
8. DEI Employees' Welfare Fund
6. Opportunities for international exposure, as per norms

The following facilities are also provided to employees for efficient functioning :

1. Medical leave
2. Yoga classes
3. Psychological counseling
4. 24 hour power back-up (100%) through solar power plants
5. Wi-Fi facility.
6. Workspace
7. Computing facility
8. Crèche facility
9. Cafeterias
10. Free e-transport in campus
11. Identity cards

12. Sports facilities A new and innovative initiative has been taken by providing a crèche facility for the children of staff.

The campus is vehicle-free and free e-transport has been provided within the campus. Psychological counselling is available for the staff. A large number of faculty members have been supported for International visits by Staff members to MoU Institutions and Conferences. In order to encourage the young faculty to pursue a vibrant research career Internal projects and Seed money have been provided early in their career. Uniforms are available for the students at very low cost. Subsidized milk and dairy products are available on a daily basis. Low rental cost housing is available wherein the rents amount to almost nothing is available. Various kinds of scholarships are available on basis of merit, merit-cum-means and for the underprivileged sections of the society. These are from the Institute's own resources apart from the Government schemes that are available. Special scholarships are available for students with less means pursuing PhD. A Thrift Society provides financial support to its members at times of need. Mechanism is available for providing non-refundable loans in case of medical emergencies to staff as per need.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.srttc.ac.in/aqar2020-21.html |
| Upload any additional information | View File |

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

28

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | View File |

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

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

28

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

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

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

28

| File Description | Documents |
|---|---------------------------|
| IQAC report summary | View File |
| Reports of the Human Resource Development Centres (UGCASC or other relevant centers) | View File |
| Upload any additional information | View File |
| Details of teachers attending professional development programmes during the year (Data Template) | View File |

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

A good performance management system works towards the improvement of the overall organizational performance of teams and individuals for ensuring the achievements of the overall organizational mission and vision. An effective performance management system plays a crucial role in managing the organization in an efficient manner. In line with this, the Institute is following the appraisal scheme suggested by AICTE viz. Performance Based Appraisal System (PBAS). In this scheme, the performance s are classified into three categories

1. Teaching, Learning and Evaluation related activities
2. Co-Curricular, Extension and Professional Development related activities
3. Research Publications and Academic Contributions The following weightages are assigned to these categories: 100:75:300.

These are called Academic Performance Indices (API). At the end of each academic year, the data pertaining to the above categories are collected from each faculty member in the proforma suggested by AICTE. Based on the data collected, API scores are calculated for eac h of the three categories. The Principal in consultation with senior Professors fix certain minimum API scores to be achieved by the faculty members in the three categories. These scores are used for the award of career advancements to faculty members and for promotion to next higher position. Further, at the end of each semester, feedback forms are issued to the students for each of the courses attended by them. The feedback forms in the form of questionnaire collect

information about the teacher and different aspects pertaining to the teaching process. A team consisting of the Head of the Department and Senior Professor in the Department, goes through the feedback forms collected from the students and suggest suitable measures to improve the teaching-learning process. As such there is no performance appraisal system followed for non teaching staff in the institute.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.srttc.ac.in/agar2020-21.html |
| Upload any additional information | View File |

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 and External Audits are regularly carried out in our Institute. Internal Audit consists of checking of day to day transactions all vouchers. In case of any discrepancy, it is immediately sorted out with proper information to management. These are done on monthly basis by senior Accounts officer. External Audit is carried out on six monthly basis by Certified Auditors. They check all Financial Matters Verify account transactions. They discuss all issues with our management submit Audit report as per the guidelines of office of charity commissions Income tax act. • The institute has a well-defined mechanism to monitor effective and efficient utilization of available financial resources for the development of the academic processes and infrastructure development. • Institutional budget is prepared every year taking into consideration recurring and non-recurring expenditures. • All the major financial decisions are taken by the Institute's Local Managing Committee (LMC) and Governing Body (GB).

To achieve this goal, internal auditors will typically perform a multitude of tasks, including examining financial statements, expense reports, inventory, financial data, budgeting and accounting practices, as well as creating risk assessments for each department.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.srttc.ac.in/agar2020-21.html |
| Upload any additional information | View File |

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)

34

| File Description | Documents |
|---|---------------------------|
| Annual statements of accounts | View File |
| Any additional information | View File |
| Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template) | View File |

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

Source of income is fees collected from students, fees received from Social Welfare Department through scholarship and free ship, consultancy, grants received from Savitribai Phule Pune University under Student Welfare Scheme.

SRTTC, Pune prepares budget before 31st March of each year. This budget is presented before the Governing Body of trust. After getting approval of the Council, duly signed copy of Budget is handed over to the Accounts Section for utilization of funds.

Expenditure is done on salary of teaching and supporting staff, purchase of equipment, machinery and furniture, library books, e-subscriptions, electricity charges, group gratuity premium, consumables, software, Gymkhana-cultural, annual social gathering activities, telephone, internet bills, annual maintenance contract, repair and maintenance, faculty development programs, advertisement, affiliation and approval fees, printing & stationary, sanitation-housekeeping-gardening and security charges, educational tours, project expenses, postage and

courier, uniform to supporting staff members and other miscellaneous expenses.

Efforts are made so as make regular payment of salaries of teaching and supporting staff. Efforts are made to match expenditure with income sources during the financial year. However deficit if any, is borne by the Parent Trust. Regular monitoring of funds available with institute is done. Preference is given to procure new equipment for each department as per revised syllabus. Infrastructure requirements for improved teaching-learning process have given the first preference.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.srttc.ac.in/aqar2020-21.html |
| Upload any additional information | View File |

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

Internal Quality Assurance Cell (IQAC) established on 8th July, 2017 in SRTTC FoE, plays vital role in academic and Admin Quality Enhancement through numerous activities and initiatives. Main objective of IQAC is to promote overall development of students and academic and admin staff through various initiatives.

Initiative- I

Promotion to Increase Industry-Institute Interaction

For bridging a gap between industry and academia, IQAC has contributed significantly in improving relations with the industries by forming Industry Advisory Board (IAB) for Mechanical, Civil and Computer Engineering Departments. Activities like IAB meeting, student's interaction with Industrial experts, Industrial Expert lectures, Industrial Visits, Patent Filing, workshops, signing of MoU's and training programs by industry experts are geared by IAB. Also suggestions are requested on curriculum and standard processes from the members of IAB for establishing standard strategies to assure the quality benchmark.

Outcome:

Increased Memorandum of Understanding in all departments.

Amplified the count of internship completed students in all streams.

Initiative- II

Promotion to Research activities through Quality publication in Book Chapter/Scopus/UGC approved journals and reputed international conference

Enhancement in research activities like awareness about research publication agencies and funding agencies for research proposals, effective research paper writing methodologies, seminars on research methodology, etc. are carried out in correlation with IQAC. As a result of the efforts taken by IQAC, book chapters in of two faculty members (Prof. Anjali M. Dalvi and Prof. S. S. Ajnalkar)are published. Most of the students from final year branch published papers in UGC approved good impact factor journal. Consultancy activities has been initiated in all departments for fund generation.

Outcome:

Two book chapters of faculty members (Prof. Anjali M. Dalvi and Prof. S. S. Ajnalkar)are published in IGI Global Data Pre-processing, Active Learning, and Cost Perceptive Approaches for Resolving Data Imbalance and Springer Cham Handbook of Smart Materials, Technologies, and Devices.

Funds of Rs. 120580/- has been generated through training and consultancy activities.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.srttc.ac.in/iqac.html |
| Upload any additional information | View File |

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

For effective curriculum delivery to the students, it is necessary to review teaching learning processes, structures & methodologies of operations and learning outcomes at periodic intervals. IQAC is consisting of Head of Institute (HOI), Management personnel, Administrative Officers, Teachers, Nominee from local society and other stakeholders. So it is possible to review every process in detail for its effective implementation. Some of the reforms initiated through IQAC are as follows

Teaching Learning Processes -

IQAC has taken various initiatives for improving in teaching learning processes through creation of Learning Management System (LMS) such as course content uploading olms. From LMS student can remotely access complete curriculum and content beyond syllabus from LMS. Course file content modifications, course file checking through LMS verification report. Emphasis on use of digital techniques, periodic verification of academic activities like verification of teaching implementation sheets and verification of lectures and practical's as per timetables, etc. Verification by external ISO audits.

Structures & Methodologies of Operations and learning outcomes - Structure & methodologies of various operations are observed and checked by IQAC like displaying notices on notice boards, proper documentation of portfolio allotted, laboratory checking, etc. Also learning outcomes achievement is observed and checked by observing strategies used for tests execution & result analysis.

| File Description | Documents |
|---------------------------------------|---|
| Paste link for additional information | https://www.srttc.ac.in/iqac.html |
| Upload any additional information | View File |

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

| File Description | Documents |
|--|---|
| Paste web link of Annual reports of Institution | https://www.srttc.ac.in/naac.html |
| Upload e-copies of the accreditations and certifications | View File |
| Upload any additional information | View File |
| Upload details of Quality assurance initiatives of the institution (Data Template) | View File |

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Measures initiated by the institution for the promotion of gender equity during the last years are as follows:

- Yoga Sessions to ensure health
- Freshers Party
- Conducted "Prevention of Sexual Assault on Girl Students" Seminar to create awareness that ensures a safe environment.
- The institute has a policy of appreciating faculty without gender bias. Women faculty are nominated, based on their ability, as heads of the departments and conveners of various committees and discharging their duties efficiently
- Considering non-discrimination policy and commitment to gender equity, institute is having separate boys and girls common room. In girls common room all the necessary facilities such as washroom, cupboard, sanitary disposal machine, and vending machine are available

| File Description | Documents |
|--|--|
| Annual gender sensitization action plan | <p><u>Gender Sensitisation Orientation Programme- for New Admissions both Boys and Girl students to Awareness about gender issues and working towards and creating an enabling environment of gender justice. 2. Woman Empowerment Programme for Women employees and girl students for enabling women to grow into leadership roles 3. Training Session on Women Entrepreneurship in Waste Management Technology 4. Awareness programme and campaign on Women Rights and Gender equality 5. Infrastructure and supporting facilities for gender equality and security</u></p> |
| 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 | <p><u>The institute is committed to provide healthy and secure atmosphere for students, faculties and staff. The institute has security department from inception which consist of gents as well ladies security guards to provide safety and security in campus. They ensure their duties by patrolling, insisting on traffic and parking rules, checking I-card of students/visitors, inspecting suspicious actions, investigating safety related issues and responding in emergency situation. Institute is supervised by CCTV cameras for 24X7 including main gate, corridors, examination section, and entries of all buildings, canteen, and library. All the buildings of the institute are equipped with fire fighting instruments and maintained on regular basis. The Anti Ragging Cell, Internal Complaint Committee (ICC) and Women Grievance Cell (WGC) exist in institute to solve students' grievances. The Institute had organized one day workshop for all women employees and students to discuss redressal and enquiry procedure.</u></p> |

| | |
|--|--|
| | <u>prevention of sexual harassment. Institute has effective Mentor-Mentee Scheme (MMS) to provide academic, co-curricular and extra- curricular counseling to students on regular interval. The main objective of above activity is to identify weakness/strength of students and provide them counseling accordingly for their progress. The institute has appointed Associate Dean (Student development) with sole objective to focus on students' supports and progression.</u> |
|--|--|

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 | <u>View File</u> |
| Any other relevant information | <u>View File</u> |

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

We believe in promoting efforts to reduce generation of waste at SRTTC campus. All the academic buildings, class rooms, laboratories and porches are cleaned by our housekeeping staff on daily basis to maintain campus neat & clean. Waste bins are placed at various locations of campus to collect waste and in every evening and disposed by housekeeping staff. All waste water lines from bathrooms, toilets, laboratories of campus are connected to the main drainage lines. The biodegradable waste generated in campus such as canteen waste, leaves and wet waste collected in bins is centrally collected and dumped in compost pits located in campus and used as fertilizer in garden. This helps to create awareness on waste management among students. Defectives and obsolete electronic components are collected by the officials of system department and classified according to reuse, resale, salvage, recycling, or disposal. A non-repairable /out dated E waste generated has been identified and recommended

for disposal through recycling agencies near Maval Region.

| File Description | Documents |
|---|---|
| Relevant documents like agreements/MoUs with Government and other approved agencies | View File |
| Geo tagged photographs of the facilities | https://www.srttc.ac.in/agar2020-21.html |
| Any other relevant information | No File Uploaded |

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

A. Any 4 or all of the above

| File Description | Documents |
|---|---------------------------|
| Geo tagged photographs / videos of the facilities | View File |
| Any other relevant information | View File |

7.1.5 - Green campus initiatives include

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

- 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

A. Any 4 or All of the above

| File Description | Documents |
|--|---------------------------|
| Geo tagged photos / videos of the facilities | View File |
| Any other relevant documents | View File |

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the

B. Any 3 of the above

following 1.Green audit 2. Energy audit
3.Environment audit 4.Clean and green
campus recognitions/awards 5. Beyond the
campus environmental promotional activities

| File Description | Documents |
|---|---------------------------|
| Reports on environment and energy audits submitted by the auditing agency | View File |
| Certification by the auditing agency | View File |
| Certificates of the awards received | View File |
| 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 | View File |
| Policy documents and information brochures on the support to be provided | No File Uploaded |
| Details of the Software procured for providing the assistance | No File Uploaded |
| Any other relevant information | View File |

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 institute, staff and students jointly celebrate the cultural and regional festivals, like New-year's day, Fresher Party, teacher's day, orientation and farewell program, Induction program, rally, oath, plantation, Youth day, Women's day, Yoga day, festivals like Diwali celebration, Holi celebration, Christmas, New Year celebration, celebrations, etc. religious ritual actions are performed in the campus. Motivational lectures of eminent persons of the field are arranged for overall development of the students for their personality development and to make them accountable citizens following the national values of social and communal harmony and national integration. Besides academic and cultural activities, we have built up many strong infrastructures for a variety of sports activities for the physical development of the students. In this way, the institute's efforts/initiatives in providing an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic, and other diversities

| File Description | Documents |
|--|---------------------------|
| Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) | View File |
| Any other relevant information | View File |

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

India comprises of individuals with different backgrounds of cultural, social, economic, linguistic, and ethnic diversities governed and directed by the Constitution irrespective of caste, religion, race sex. SRTTC FOE sensitizes the students and the employees of the institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens which enables them to conduct as a responsible citizen. To provide students with the knowledge, skill, and values that are necessary for sustaining one's balance between a living and life by providing an effective, supportive, safe, easy to get to, and affordable learning environment. 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. The Code of

conduct is prepared for students and staff and everyone should obey the conduct rules. The affiliating University (SPPU) curriculum is framed with mandatory courses like Professional ethics and human values, as a small step to inculcate constitutional obligations among the students. These are Major Initiative taken by institute regarding Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

| File Description | Documents |
|--|---------------------------|
| Details of activities that inculcate values; necessary to render students in to responsible citizens | View File |
| Any other relevant information | No File Uploaded |

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

B. Any 3 of the above

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

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

The institution thoroughly follows and practices all prominent national and state functions. The institution celebrates all religion functions and encourages the students and faculty to showcase the same. Republic Day, Independence Day, Ganesh Festival, Guru Purnima, National Unity day, youth day, Shivaji Jayanti ,Teacher's Day, Engineers Day, Foundation Day , to name a few. National festivals are celebrated to honor the great leaders and respect to their work, devotion, sacrifice of national importance. These festivals creates an atmosphere of patriotism, integrity in the mind of citizens of India.

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

7.2 - Best Practices

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

1. Title of Practices:

E-Governance in Administrative and Academic Work

1. Objective of Practices:

1. To enhances relationship between all involvers.
2. To moderate all academic and admin processes.
3. To reduce most of the paper work thereby tending towards eco friendly approach.
4. To automate academic activities.
5. To increase operating efficiency.

1. The Context:

E- Governance is the cohesive management of core academic as well as non-academic processes, often in actual and facilitated by software and technology which increase efficiency of human resources with accuracy and development of institute.

4. The Practices:

We are using E- Governance in following way

1. The Developing Library Network (DELNET) -collect, store, and disseminate information from member libraries.
 2. Wireless Campus (Wi-Cam) -Our Wireless campus (Wi-Cam) - Solution offers an innovative, holistic approach to campus communications that takes advantage of emerging technologies.
 3. Learning Management system (LMS) - LMS has become popular amongst educationists because of its strengths and advantages provide the better access to educational resources from outside the institution on a global and instant basis.
 4. E-Learning -Increased and flexible interaction with student through domain e-mail and discussion forums.
-
1. Online Examination - Online Aptitude Test and Subjective Test for competitive exam like Gate open for 24 x 7 for all students.

5. Evidence of Success:

For effective working environment, all concern authorities are connected to each other through restricted channels. Students can obtain study material from anywhere in the world and anytime without travelling physically. Through a single login, students can apply for multiple test series without filling the same information again and again. Use of E- Governance reduces most of the paper works so that it becomes eco-friendly.

6. Problem Encountered and Resources Required:

6.1 Problem Encountered-

1. Privacy and Security
2. Capital Cost
3. Ease of Access and Internet Speed

6.2 Resources Required-

- Required of servers

1. Application Server
2. Database Server

Best Practice 2

"Mentor-Mentee" Program

1.Objective of Practices:

1. To focus and motivates students to achieve learning goals.
2. To help students to generate interest in academics & Institutional activities.
3. To provide institutional information to students.
4. To establish a trust relationship between mentor and mentee.
5. To provide career and non-academic counseling to students.

2.The Context

"Mentor-Mentee" scheme was introduced with a view to develop the educational and personal growth of students. Each mentor teacher establishes a strong and caring bond with his/her mentee students.

- The weak students were identified by the mentor and reported to the other faculty teaching in that class and subsequently more efforts are taken to upgrade and improve these students.
- Mentor is a guardian to his students he knows and understand his students personally.
- Parents are being updated regularly about the performance of their ward by the mentor and thus they are also involved in the process.
- Mentor acknowledges and addresses the problem faced by the students such as poor academic performance, problem related to infrastructural facilities and personal problems.
- All these activities undertaken by the mentor like minutes of meeting, suggestions etc are recorded in ISO APF form which is maintained by each and every mentor.

3.Schedule of Meeting

Faculty-students mentor meeting are arranged as per the pre-arranged calendar, or as per the need of student and moment. It

is taken once in a month with aim to discuss about academic and non academic related content, to resolve any problem of students if they are facing and to motive them to achieve learning goals.

4.The Practice-"Mentor-Mentee Scheme"

The Mentor mentee program is for all the students i.e. from first year to the final year. Under this initiative, one faculty is appointed for every 20-25 students as their mentor. The role of the mentor is to continuously monitor the academic performance such as daily attendance of the mentee in lectures and practical, reporting the absentee of the students to their parents, monitoring their exam performance and conducting meeting with them regularly to discuss and address academic as well as problems of these students.

5.Evidence of Success

- This scheme has led to improvement of attendance of students as well as increase in the performance of the students.
- This scheme has brought up the problem faced by the students in the meetings and they have been addressed by the faculty members.

6. Problem Encountered and Resources Required:

Problem Encountered- Efforts have to be made to make students realize the importance of sharing their problems with their respective mentors.

Human Resource:

1. Mentor-Teacher
2. Mentee-Student

Material Required:

ISO APF 17A, 17B, 17C and 17D Format.

| File Description | Documents |
|--|---------------------------|
| Best practices in the Institutional web site | View File |
| Any other relevant information | View File |

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

Institutional Distinctiveness

Student Centric Approach for Overall development:

The institute is established with the vision to ensure excellence in imparting quality technical education to students to fulfill need of society global, through continual improvement. Institute strives to incorporate excellence and competencies in student through curricular, co-curricular and extracurricular activities. The institute is equipped with all modern facilities to groom students into dynamic and result oriented technocrats for embracing opportunities globally. SRTTC is working under Academic collaboration with reputed engineering Vishwakarma Institutes (VI) of Pune, Maharashtra. The institute takes efforts for students by development through providing scope, opportunities, facilities and practice to accomplish institute's vision, mission and thrust. Along with regular curriculum our students are encouraged and benefited with internship program, sponsored projects, participation in SAE BAJA, TIFAN, SUPRA BAJA, Go-kart, SIH, on field visits, virtual industrial visits, expert speaker sessions, sports activities and social activity. Institute is surrounded by eco-friendly, pollution free, noiseless, pleasant environment which provide healthy environment for learning. With research oriented mind, our students have successfully filled patents. A Mini project competition, seminar competition, technical events enable students to understand sprit of teamwork, technical and life skills. The institute conducts value added courses like soft skills, skill development activity to enhance employability skills. Skill development facilitates for understanding the importance of speaking skills, listening skills, presentation skills, leadership skills, etc. Institute also provides add on training programs such as ADAMS, STADPRO, JAVA in collaboration with industries to bridge the gap between

theory and its applications by making students industry ready. Institute has various professional chapters like NPTEL (National Programme on Technology Enhanced Learning), ISTE (Indian Society for Technical Education), SAE, QCFI (Quality Circle Forum of India), NSS (National Service Scheme), CESA (Civil Engineering Student's Association), SOCE (Society of Computer Engineers), CSI (Computer Society of India) to provide global platform for students and faculties to participate and enrich the knowledge. FDP (Faculty development program) were arranged for faculties and staff intended to provide and enhance skill of the faculty. Institute has signed Memorandum of Understanding (MoU) with industries/organization to enrich technical education, learning process, advance knowledge, latest trends for students. During pandemic situation, institute developed facility of online lectures, virtual visits, online quiz, live practical conduction to ensure active engagement and curriculum delivery.

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

7.3.2 - Plan of action for the next academic year

- To give more emphasis on growing industry institute interaction which is significant to bridge the gap between academics and industry needs.
- The institute planned to increase memorandum of understanding with reputed industries activities such as industrial visits, consultancy projects, funded project in collaboration with industries, guest lectures by expert from industry, in-plant training and internship for students, training for faculty members.
- To get green, energy and environment audits conducted by certified agency.
- Future plan of increasing placement deals with identification of skill sets of students and then promoting them to related skill trainings required for placement.
- To ensure and maintain Quality Management System in academic and administration section through ISO and NAAC guidelines and related practices.
- To encourage and enhance research culture in institute. Faculties are encouraged to do research and institute has planned that each faculty member should publish research papers and Book Chapters in Scopus, SCI and UGC approved

Journals and international conferences.

- To identify at least top five future technologies in each Engineering streams.
- To develop recent technology skills among students to accomplish today's industry need.
- Enrichment of Institute stamping through social and extension activities.

NAAC