



Yearly Status Report - 2019-2020

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 own campus	Yes
Phone no/Alternate Phone no.	02114264106
Mobile no.	9763704727
Registered Email	principal@srttc.ac.in
Alternate Email	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

Pincode	410405																		
2. Institutional Status																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Rural																		
Financial Status	Self financed																		
Name of the IQAC co-ordinator/Director	Prof. Anjali Manojkumar Dalvi																		
Phone no/Alternate Phone no.	02114264235																		
Mobile no.	9921897835																		
Registered Email	assodeanqa@srttc.ac.in																		
Alternate Email	hodcomp@srttc.ac.in																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	https://www.srttc.ac.in/aqar.html																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.srttc.ac.in/academic_calendar.html																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B+</td> <td>2.60</td> <td>2018</td> <td>02-Nov-2018</td> <td>01-Nov-2023</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B+	2.60	2018	02-Nov-2018	01-Nov-2023
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				Period From	Period To														
1	B+	2.60	2018	02-Nov-2018	01-Nov-2023														
6. Date of Establishment of IQAC	08-Jul-2017																		
7. Internal Quality Assurance System																			
<table border="1"> <thead> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by IQAC</th> <th>Date & Duration</th> <th>Number of participants/ beneficiaries</th> </tr> </thead> <tbody> <tr> <td colspan="3"> </td> </tr> </tbody> </table>						Quality initiatives by IQAC during the year for promoting quality culture			Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries								
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Academic and Administration Review by Management Review Committee (MRC) Meeting	12-Jun-2020 1	20
ISO 9001:2015 Internal Training Institute Level	02-Jun-2020 2	52
External Surveillance Audit	31-Mar-2020 1	558
Encouragement for research and publication activities	08-Aug-2019 365	558
Promotion for COURSERA/ TCS-ion/ NPTEL/SWAYAM/Online Certification Courses	05-Jul-2019 365	558
Revenue generation through introduction of new programs and consultancy.	20-Jun-2019 365	52
Academic enhancement through Internal IQAC Audit	28-Aug-2019 2	558
Academic enhancement through Internal IQAC Audit	04-Sep-2019 1	558
Motivation for Internships in reputed Industries & enhancement for industry institute interaction	26-Oct-2019 365	558
Quality enhancement through NAAC AQAR 18-19 Submission on NAAC Web Portal	24-Feb-2020 30	558
View File		

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

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
SRTTC Faculty of Engineering	Training and consultancy	Veerayatan Institute of Engineering	2020 120	75000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	9
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	Yes
If yes, mention the amount	75000
Year	2021

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

1.ISO Surveillance Audit with zero nonconformity. 2.Promotion for COURSERA/ TCSion/ NPTEL/SWAYAM/Online Certification Courses. 3.Encouragement for research and publication activities . 4.Motivation for Internships in reputed Industries enhancement for industry institute interaction. 5. Revenue generation through introduction of new programs and consultancy.

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

Plan of Action	Achivements/Outcomes
Induction Program for newly joined Faculty members and newly admitted students	? To understand the organizational processes, induction programme of new faculties plays a vital role. ? Induction programme for students will give primary information about subject details, activities to be performed during academic year and exam reforms with passing criteria.
Providing facilities to engineering aspirants.	? Institute shown keen interest for providing the facilities to candidates interested to take admission to engineering, ? For the same reason, institute started Facilitation Centre (FC-6767) and helped students to complete the admission process.
Promotion for online and offline	Students and faculty members are

courses for skill development	motivated to participate in skill development programs such as ? AICTE Training and Learning (ATAL) Faculty development programs ? TCS iON Digital Learning Courses ? National Programme on Technology Enhanced Learning (NPTEL) Online Courses ? Online and offline courses organized by various institutes and organizations
ISO Surveillance Audit (AY 2019-20)	? Institute successfully completed the ISO surveillance audit for ISO 9001:2015 QMS (Certificate Reg. No. 85 100 001 19120) ? The training sessions of ISO 9001:2015 regarding QMS implementation alongwith section heads was conducted during AY 2019-20. ? Internal audits planned and completed for verification of QMS implementation.
Promotion for Industry Institute Interaction	Interaction with industry is important as it bridges the gap between academics and industry needs. Institute 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. Industrial visits has been organized every semester for students. Institute is having MoUs with industries. The institute is regularly conducting enormous activities 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 ? Industry sponsored final year projects.
Admission campaigning through online activities	Institute is affiliated to SPPU and admission process is carried out as per the norms laid down by Admission Regulating Authority (ARA). ? Conduction of various activities for admission promotion such as distribution of cloth bags, online quiz conduction for students of HSC, etc. ? College has well developed website for branding and promotion of institute activities which is useful for attracting students and to reach campus easily.
Motivation for Internships in reputed Industries	Institute encouraged students to grab the opportunities available for internships from the industries.
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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1"> <tr> <td>Name of Statutory Body</td> <td>Meeting Date</td> </tr> <tr> <td>Management Review Committee (MRC)</td> <td>12-Jun-2020</td> </tr> </table>		Name of Statutory Body	Meeting Date	Management Review Committee (MRC)	12-Jun-2020
Name of Statutory Body	Meeting Date				
Management Review Committee (MRC)	12-Jun-2020				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes				
Date of Visit	05-Oct-2018				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2020				
Date of Submission	16-Jan-2020				
17. Does the Institution have Management Information System ?	Yes				
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>Management Information System (MIS) software designed and developed by Staff members of the Computer Engineering Department, Suman Ramesh Tulsiani Technical Campus Faculty of Engineering. This MIS deployed on a Cloud platform and it remotely accessible over the Internet as well as Intranet. The software designed to automate processes of institute like Academics, Student Section, online Grievance Redressal System, Accounts, and Establishment. This software is still under development phase, the training and placement module will be introduced in the coming months. I. At the time of student admission General Registration Number (GRN) is an issue to every student. GRN is a unique identification of that student and this also shows the type of admission. II. The document submission receipt issued against required admission documents submission. III. This software collects collect all academic, extracurricular, and other basic information like SSC, HSC/Diploma, Present Address, Permanent Address, Aadhar card, PAN card, etc. for student database. The College Leaving, bonafide, transcript</p>				

certificates also issue by this software. IV. This student database also shares by other modules of MIS. V. Newly admitted student reflects into accounts module for fees payment. This module accepts Tuition fees, Misc. fees, Development fees and Eligibility fees in Online transfer/Cash mode. Accordingly, fee receipt will be generated by the software and shared on his/her official email id. VI. The software helps to find fee due reports of students and fee amounts pending at MahaDBT/SWD. VII. The subject teacher prepares the teaching plan and practical plan manually and uploads it in Management Information System (MIS). After approval of teaching plan and or practical plan by Head of Department, staff may starts filling the attendance and overall implementation. VIII. The implementation sheet helps HOD's to monitor the gap between planned and actual conducted lectures. According to the gap, the HOD prepares a timetable and further activities. IX. This software helps to Local Management for monitoring of Administrative Academic activities of Institute. X. The Establishment Section issues Employee ID to newly recruited staff members. The software stores the basic and necessary information about the staff member like Present Address, Permanent Address, Education details, Experience (in years), Last serving Institute, Approval, PAN card, Aadhar Card, area of specialization, Finger, Face and Iris impressions etc. XI. The biometric information is used by Biometric daily attendance module. At any time, the HOI and/or Local management remotely finds the employees present status. At the end of every month the status of Leave, Present, Early Out and Late Entry summary report conveyed to Local Management and Accounts section for Salary processing. XII. Online Grievance Redressal System (OGRS) was developed and integrated into MIS software. OGRS will accept the grievances of all stakeholders of institutes like Students, Parents, and Staff etc. The separate Login details shared with all the stakeholders. The grievance redressal committee provides the solution to stakeholders. The stakeholder can comment for solutions

in terms of accept/deny. OGRS hides the basic information of stakeholder(s). The OGRS accelerates the Grievance Redressal process of Grievances reported by the stakeholder(s) of Institute.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

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.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Certificate	---	14/03/2020	5	YES	YES

course on Carrier Skills for Civil Engineering Students					
Webinar on Brown Leaf Management	---	08/07/2020	1	NO	YES
Certificate course on Carrier Skills for Computer Engineering Students	---	28/01/2020	60	YES	YES
Certificate course on "Career Skills" offered by TCS iON	---	03/03/2020	5	YES	YES
Certificate Course on Industrial Usage Of Automation Testing Using Selenium Tool	---	11/07/2020	2	YES	YES
Certificate Course on Mobile Application Development using React Native	---	07/09/2020	2	YES	YES
Certificate Course on SQL Fundamentals	---	07/09/2020	2	YES	YES
Certificate Course on Introduction to Relational Database and SQL	---	08/09/2020	1	YES	YES

Webinar on Mobile Robots-Fuzzy Approach	---	06/09/2020	1	YES	YES
Certificate Course on So lolearn-SQL fundamentals	---	07/09/2020	1	YES	YES
Certificate Course on Java tutorial	---	25/08/2020	2	YES	YES
Webinar on Mobile app development using flutter	---	31/08/2020	1	YES	YES
Webinar on "Emerging technology in Engineering" CANVA- The Graphics Design Tool	---	24/09/2020	4	YES	YES
Certificate Course on Artificial Intelligence	---	24/04/2020	1	YES	YES
Certificate Course on Hands on Session on Parallel Programming using Open- MP	---	30/08/2019	1	YES	YES
Certificate Course and hands-on training on "Automated Testing using Selenium Software Quality Tools"	---	25/09/2019	1	YES	YES
	---	30/09/2019	1	YES	YES

Certificate Course on Opportunities of Data Science Analytics using Python in Industries	---	11/04/2020	15	YES	YES
Certificate Course on Industry4.0 certificate	---	11/04/2020	15	YES	YES
Certificate Course on Measuring instruments	---	11/04/2020	15	YES	YES
Certificate Course on Heat Treatment of steel	---	11/04/2020	15	YES	YES
Certificate Course on BULK MATERIAL handling	---	11/04/2020	15	YES	YES
Certificate Course on Basic Metalurgy	---	11/04/2020	15	YES	YES
Certificate Course on Compressor	---	11/04/2020	15	YES	YES
Certificate Course on The Fundamental of Digital Marketing	---	11/04/2020	15	YES	YES
Certificate Course on Bearings	---	11/04/2020	15	YES	YES
Certificate Course on	---	11/04/2020	15	YES	YES

Power System
Transmission
and
Distribution

11/04/2020

15

YES

YES

Certificate
Course on
Power system
generation

11/02/2020

4

YES

YES

Certificate
Course on
Emerging
trends In
Electric veh
ical:Opportu
nity
challenges

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	First Year Course (2019 Pattern)	01/08/2019
View File		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Mechanical Engineering	15/06/2019
BE	Computer Engineering	15/06/2019
BE	Civil Engineering	15/06/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	272	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Induction Program for FE students	01/08/2019	14
workshop on Aptitude Training session	14/10/2019	70
GD PI Training and Practice Session	01/10/2019	43
Training and Guidance on Soft Skills Aptitude Skills	27/09/2019	66

Employability Development Skills	20/08/2019	22
Soft Skills Training	19/08/2019	61
Enhancing Soft Skills Personality	17/08/2019	40
Online Value added courses on C Tutorial Course" from SoloLearn Platform	01/03/2020	27
Online Value added courses on Coursera Platform	01/04/2020	107
Online Value added courses on Industrial Usage of Automation Testing	01/07/2020	20
View File		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Mechanical Engineering	76
BE	Computer Engineering	34
BE	Civil Engineering	29
View File		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>A well planned structure is in place for collecting feedback, its analysis and for taking corrective actions. Various feedback forms are prepared by IQAC coordinator and members with an approval of head of the institute for collecting feedback about academic and admin activities from all the stakeholders. Mechanism of feedback collection - 1. Student Feedback forms related to faculty, institute functioning and curriculum are distributed either through Google forms or in printed format to the students during lecture or practical hours by head of the departments and respective class teachers. 2. Teacher's feedback is collected online by circulating url of the online available form to the teachers during each semester. 3. Parent's feedback forms are collected during Parents meet and during parents visit to institute by taking filled hardcopy of the readily available form by head of the department. 4. Alumni feedback is collected once in a year during alumni meet by using</p>

printed forms/online forms. 5. Employer's feedback is getting collected by training placement officer during his visit to the industry or visit of the employer in SRTTC or using circulation of online generated from through internet. Analysis of Feedback Collected - Collected feedback forms are getting analyzed by respective section heads and a collective list of summarized report is getting prepared i.e. Feedback Analysis Report. Corrective Action - Corrective measures and its importance are well known to SRTTC. The feedback analysis reports prepared by respective section heads are put forward in front of head of the institute by IQAC coordinator. Head of the institute will represent the scenario of institute and feedback report to Management Review Committee members during MRC meetings once in a year. Further MRC members suggest corrective measures to all the respective section heads. The section heads will implement the suggested action plan to close the gaps for improving the feedback of all stakeholders. Mode of feedback collection - Using online forms/offline using printed forms.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Computer Engineering	30	20	20
BE	Civil Engineering	30	3	3
BE	Mechanical Engineering	30	2	2
View File				

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	434	Nil	30	Nil	Nil

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
30	30	6	14	14	5
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

For effective student's overall development and personal attention, mentor-mentee scheme has been initiated

and implemented. Mentors are assigned to the group of students who assess the cognitive academic abilities along with leadership skills, creative thinking and Behavioral aspects. The students are categorized and groomed. Mentor – mentee plays a vital role in framing the whole system. 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/ Class teacher prepares slow and advanced learner list based on the questionnaires provided or by previous result/ performance of student. Mentor/Class teacher 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.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
434	30	1:14

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
40	31	9	5	4

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Prof. Anjali S. More	Assistant Professor	Recongnition of Published Research on Random Forest Classification in the area of Machine Learning Invitation for Book by Nadya S. Columbus President Nova Science Publishers. International.
2019	Prof. Anjali S. More	Assistant Professor	Worked as an reviewer for Springer Scopus indexed International conference at ICCISIoT 2019 held by NITA
2020	Prof.S.S.Ajanalkar	Assistant Professor	Outstanding Paper Award RIACT 2020 organized by School of Mechanical Engineering Vellore Institute of Technology Chennai

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	Civil	SEM-V	07/12/2019	21/01/2020
BE	Civil	SEM-III	05/12/2019	22/02/2020
BE	Computer	SEM-VII	03/12/2020	29/01/2020
BE	Computer	SEM-V	07/12/2019	21/01/2020
BE	Computer	SEM-III	05/12/2019	22/02/2020
BE	Computer	SEM-I	02/01/2020	11/02/2020

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Academic Monitoring Committee members regularly monitor teaching process adopted by Subject teacher. Online Meetings have been conducted in presence of Academic Coordinators, Module Coordinators and Course Coordinators before commencement of the semester to streamline the teaching process. Periodic project work evaluation by industry expert's .Feedback about faculty is taken from the students twice a semester. In this feedback, ranking parameters related to teaching competencies and attitude of the concerned faculty are asked. Based on the feedback, Heads of Departments gives necessary directions for improvement in the teaching methods. Principal also monitors the feedback system and counsels the faculty having scope for improvement. Feedback from stakeholders is taken periodically to take inputs to provide additional training programs to get industry sponsored projects for students. The overall process is being assessed by Departmental Advisory board (DAB). Online Sessions are also conducted for internal evaluation.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Institute is affiliated to SPPU it follows the timeline give by affiliating authority. Also we have the AMC (Academic Monitoring Committee) which is responsible for monitoring and smooth conduction of the academic processes in the institute. Before commencement of new semester, the academic calendar is prepared. The departments prepare their own academic calendars based on the institute academic calendar. The internal assessment techniques adopted by the faculty for their respective subjects are communicated to the students at the start of the semester along with the schedule to ensure well preparedness of the students for the same. The AMC schedules periodic audits to each department in order to ensure that the assessment activities mentioned in the respective academic calendar are carried out as per schedule.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://www.srttc.ac.in/CO_PO/

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
676724510	BE	Computer	28	28	100
676719110	BE	Civil	58	56	96.55
676761210	BE	Mechanical	86	86	100
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://www.srttc.ac.in/SSSurvey/>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	90	Yashashree	0.15	0
Major Projects	180	Villgro Innovation Foundation	3.5	0
Industry sponsored Projects	30	Global Vision Technology	0.1	0
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Workshop on building designing software	Civil Engineering	17/09/2019
Workshop on Artificial Intelligence Reasoning and learning	Computer Engineering	06/09/2019
FDP on Computer Network - Practical Approach	Computer Engineering	30/09/2019
Workshop on Linux for Teachers organized by IIT Bombay	Computer Engineering	23/08/2019
Workshop on Application of Ardino Raspberry	Computer Engineering	28/08/2019
FDP on AWS-Cloud Master” conducted by ICT Academy	Computer Engineering	31/08/2019

FDP on Cetrifugal Axial Compressor	Mechanical Engineering	11/11/2019
Seminar on Applications of permeability seepage analysis in Civil Engineering	Civil Engineering	21/09/2019
Workshop on Transmission System Synchronizer	Mechanical Engineering	27/09/2019
FDP on Cetrifugal Axial Compressor	Mechanical Engineering	11/10/2019
Workshop on Parallel Programming using MP	Computer Engineering	30/08/2019
Seminar on Algebraic Structure Theory	Computer Engineering	14/09/2019
Seminar on Cloud Literacy	Computer Engineering	17/09/2019
Seminar on Resume Writing	Computer Engineering	19/09/2020
Workshop on Automated Testing using Selenium	Computer Engineering	25/09/2019
Workshop on Data Science	Computer Engineering	30/09/2019
Seminar on Career Guidance	Computer Engineering	03/01/2020
Workshop on Current Edge Technologies	Computer Engineering	04/01/2020
Workshop on LaTeX	Computer Engineering	04/02/2020
Workshop on Augmented reality (AR) and Virtual Reality (VR)	Computer Engineering	18/02/2020
Seminar on Intellectual Property Rights	Computer Engineering	28/02/2020
Workshop on Cisco Packet Tracer	Computer Engineering	28/10/2020
Seminar on IoT	Computer Engineering	02/06/2020
Workshop on Industry 4.0.	Mechanical Engineering	03/01/2020
Seminar on Role of Technology in Casting Manufacturing	Mechanical Engineering	13/12/2019
Workshop on Current Edge Technologies BRIDGE-Pune 2020	Mechanical Engineering	08/01/2020
National level Workshop on Vibration Noise	Mechanical Engineering	09/01/2020
Workshop on Emerging Trends in Electric Technology: Opportunities Challenges	Mechanical Engineering	11/02/2020
Workshop on Introduction to additive Manufacturing	Mechanical Engineering	23/04/2020

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NPTEL brand ambassador	Bhavesh B. Shah	NPTEL PIC, IIT Madras	15/01/2020	NPTEL
Best Research Paper	Sagar S. Ajanalkar	DBATU, Raigad	29/01/2020	Best Research Paper
View File				

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Incubation Centre	Prof. Bhavesh B. Shah, Prof. Sonali S. Patil, Prof. D. V. Kudande	Suman Ramesh Tulsiani Technical Campus, Khamshet	SRTTC	MIS Stage-II development	15/06/2019
View File					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	04	01

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
NIL	Nil

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Computer Engineering	15	5.59
International	Mechanical Engineering	18	5.4
International	Civil Engineering	10	5.3
National	Department of Engineering Sciences and Humanities	2	3.20
International	Department of Engineering Sciences and Humanities	3	5.10
View File			

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
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Computer Engineering	8
Mechanical Engineering	1
Department of Engineering Sciences and Humanities	5
View File	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
An Experimental Assessment of Random Forest Classification Performance Improvement with Sampling and Stage Wise Success Rate Calculation	Prof. Anjali S More	Procedia Computer Science	2020	23	SRTTCFoE Khamshet	22
An Investigation of Air Conditioning System Diagnosis	Prof. Jitendra B Satpute	Springer, Cham	2020	15	VIT Vellore	14
View File						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
An Investigation of Air Conditioning System Diagnosis	Prof. Jitendra B Satpute	Springer, Cham	2020	2	1	VIT Vellore
An Experimental Assessment of Random Forest Classification Performance	Prof. Anjali S More	Procedia Computer Science	2020	76	3	SRTTCFoE Khamshet

nce Improv isation with Sampling and Stage Wise Success Rate Calcu lation						
View File						

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Presented papers	8	3	Nill	Nill
Attended/Seminars/Workshops	14	79	62	34
Resource persons	Nill	Nill	2	1
View File				

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Fund raising for Sangli-Kolhapur Flood victims	NSS	4	88
Tree Plantation	NSS	4	100
Participation in Clean Campus Smart Campus competition	AICTE	4	180
Celebration of 5th International Yoga Day	AICTE	5	120
Celebration of Swachta Pakhawada by conducting awareness program on cleanliness and hygiene at Pandit Nehru Vidyala, Kamshet	NSS	4	80
Celebration of constitution day	NSS	2	15
Special Winter Camp (Residential)	NSS	4	25
View File			

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies

during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
SUPRA SAE -2019 Buddha International Circuit, Greater Noida	Participation	SUPRA SAE	4
NPTEL Online course	NPTEL Certificate	NPTEL	32
Strong Women Competition	First Rank and Gold Medal in SKY FIT GYM Competition Centre Chinchwad	SKY FIT GYM Competition Centre Chinchwad	1
Weightlifting Competition	Silver Medal in Youth Junior Weight lifting State Competition	State Level Championship	1
Weightlifting Competition	First Rank in Inter college women weight lifting Competition	Savitribai Phule Pune University	1
Weightlifting Zonal University Competition	Silver Medal with 120 Kg total in 76 kg weight group	Savitribai Phule Pune University	1
Qualified SET Exam in Mathematics	Qualified SET	Savitribai Phule Pune University	1
MSBTE Zonal Tournaments-Kabbadi	Participation	MSBTE	2
CAD WAR	First Prize	SRTTCFoE	2
Bridge It	First Prize	SRTTCFoE	3
View File			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bharat	NSS	Participation in Clean Campus Smart Campus competition	4	180
Swachh Bharat	NSS	Special Winter Camp (Residential)	4	25
Swachh Bharat	NSS	Celebration of Swachta Pakhawada by conducting awareness program on	4	80

cleanliness and
hygiene at
Pandit Nehru
Vidyala,
Kamshet

[View File](#)

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Internship	42	Utilization of Company Infrastructure	90
Industry sponsored Final Year Project	4	Utilization of Company Institute Infrastructure	365
MIS Stage-II development	3	Utilization of Institute Infrastructure	365
Interactive Workshop	54	Utilization Institute Infrastructure	1
Faculty Development Programme participation	49	Utilization Institute Infrastructure	1
Seminar participation	58	Utilization Institute Infrastructure	1

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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Internship	Sunit Concrane, Pune	03/07/2019	06/09/2019	1
Internship	Internship	UltraQuery Technologies India Pvt Ltd	12/08/2019	16/10/2019	2
Internship	Internship	Perfect Engineers, Tungari Lonavla	15/07/2019	17/09/2019	3
Internship	Internship	ELEATION	16/12/2019	27/12/2019	4

		Simulation Academy			
Internship, Sponsored project	Internship, Sponsored project	MASS Technology, Pune	18/09/2019	18/09/2020	9
Project Work	Industry sponsored project	MASS Technology, Pune	22/07/2019	19/06/2020	2
on-the-job training	Expert Lecture on current edge technologies	Prygma Information Systems LLP, Pune	15/10/2019	15/10/2019	28
on-the-job training	Placement Activity	Profound, Pune	16/01/2020	10/02/2020	22
Internship	Internship	Wisdom Sprout, Pune	09/07/2019	10/09/2019	2
Project Work	Sponsored Project	Wisdom Sprout, Pune	22/07/2019	27/11/2019	2
View File					

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Apoorva Kotakar and Associates Lonavala, Pune	18/04/2019	Internship, Site visit	23
Vighnaharta Construction Lonavala	18/04/2019	Internship	11
Suvishwa Promoters and Developers Wakad, Pune	22/04/2019	Internship	3
D.B Group of Company Lonavala Pune	17/07/2019	Internship	5
SAN Construction and Builders, Lonavala, Pune	17/07/2019	Virtual Site Visit	38
Naiknavare Developers PVT. LTD.Pune	20/07/2020	Expert Lecture	40
Bramhcorp Ltd. PVT, Pune	22/07/2020	Virtual Site Visit	7
GEM Engserv PVT. LTD, Pune	28/08/2020	Virtual Site Visit, Internship	10
Prygma Information Systems	18/09/2019	Workshop, Sponsored projects	68

LLP, Pune			
MASS Technology, Pune	18/09/2019	Internship, Sponsored project	11
View File			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
91.39	60

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
View File	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
SLIM21- Library Management software	Partially	3.0.0	2012
SLIM21- Library Management software	Partially	3.1.0	2013
SLIM21- Library Management software	Partially	3.2.0.	2014
SLIM21- Library Management software	Partially	3.3.0.	2015
SLIM21- Library Management software	Partially	3.3.0.	2016
SLIM21- Library Management software	Partially	3.4.0	2017
SLIM21- Library Management software	Partially	3.4.0	2018

SLIM21- Library Management software	Partially	3.4.0	2019
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4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Library Automation	1	18290	Nill	Nill	1	18290
Weeding (hard & soft)	244	104725	Nill	Nill	244	104725
Others(s pecify)	Nill	Nill	Nill	Nill	Nill	Nill
Text Books	6437	1081373	Nill	Nill	6437	1081373
Reference Books	1362	624349	Nill	Nill	1362	624349
e-Books	11429	Nill	Nill	Nill	11429	Nill
Journals	25	54832	Nill	Nill	25	54832
e-Journals	Nill	Nill	Nill	Nill	Nill	Nill
Digital Database	2	Nill	Nill	Nill	2	Nill
CD & Video	36862	Nill	18	Nill	36880	Nill
View File						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Prof. Bhavesh B. Shah, Prof. Dnyaneshwar V. Kudande, Prof. Anup A. Kawathekar	Placement Preparation Portal	PHP, MySQL, AJAX	26/06/2019
Prof. Bhavesh B. Shah, Prof. Dnyaneshwar V. Kudande, Prof. Anup A. Kawathekar	PSU/GATE Exam Preparation	PHP, MySQL, AJAX	26/06/2019
View File			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co mputers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departme nts	Available Bandwidt h (MBPS/ GBPS)	Others
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Existing	430	8	8	8	1	1	3	36	0
Added	0	0	0	0	0	0	0	0	0
Total	430	8	8	8	1	1	3	36	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

36 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Learning Management System	http://www.srttc.ac.in/lms.html
Technical Aptitude Preparation	http://www.srttc.ac.in/OES/
Quantitative Aptitude Preparation	http://www.srttc.ac.in/OES/
GATE Questions Preparation	http://www.srttc.ac.in/OES/

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
29.73	18.21	133.74	98.4

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

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.

<http://www.srttc.ac.in/Governance.html>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Freeship Scholarship	306	8502952.25
Financial Support from Other Sources			
a) National	Fees Concession by SRT Charitable Trust Rewards by SRTTC	16	160000
b)International	0	Nill	0
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
workshop on Aptitude Training session for BE final year students on 14th October to 16 October 2019	14/10/2019	70	Prof. Anup Kawathekar Prof. Anil Swami TPO SRTTC
Icebreakers Activity and Soft Skills Training Delivered to FE students.	13/10/2019	20	Prof. Anil Swami, Language Lab
GD PI Training and Practice Session for BE	01/10/2019	43	Prof. Vidya Nagare, Dy Patil , Lohagaov
AMCAT Training and Guidance on Soft Skills	27/09/2019	66	Mr Ankur Shrivastav, AMCAT Training

Aptitudde Skills			
Technical Championship of MindSpark'19	27/09/2019	45	Prof.Aditya Medhi ,COEP,Pune
Employability Development Skills	20/08/2019	22	Prof. Anil Swami , Language Lab
Induction Programmee for FE students	01/08/2019	14	Dr. B.A.Kamalapurkar ,DESH Department
Soft Skills Training for SE Comp	19/08/2019	61	Prof. Anil Swami , Language Lab
Enhancing Soft Skills Personality	17/08/2019	40	Prof. Anil Swami , Language Lab
MahaTPO Aptitude Test - 2019	22/07/2019	120	Prof. Anil Swami , Language Lab
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	AMCAT Training and Guidance on Soft Skills Aptitudde Skills	Nill	66	44	4
2019	GD & PI Training and Practice Session for BE	Nill	43	Nill	Nill
2019	Eleation Training on " Internship and Placement Opportunity"	Nill	110	6	Nill
2019	"AWS Cloud Literacy Day."	78	78	2	Nill
2019	Employabil ity Enhancement Program	Nill	46	Nill	Nill
2019	Soft Skills (CV &	Nill	13	Nill	Nill

	Resume Writing)				
2019	Expert Talk on "Seed Maha IT Idol "	Nill	13	Nill	Nill
2019	Careers Skills (TCS iON Digital Learning Hub 1 Week Course)	Nill	143	Nill	Nill
2019	Training and Placement Career Awareness Session for FE students	Nill	130	Nill	112
2019	Employability Enhancement Program.	Nill	46	Nill	Nill
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nill	Nill	Nill

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
18	660	34	36	709	21
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	B.E SPPU, Pune	Civil Engineering	MIT World Peace University, Pune	M.E
2019	1	B.E SPPU, Pune	Civil Engineering	MIT World Peace University,	M.B.A

				Pune	
2019	1	B.E SPPU,Pune	Civil Engineering	MIT World Peace University, Pune	M.B.A
2019	1	B.E SPPU,Pune	Civil Engineering	MIT World Peace University, Pune	M.B.A
2019	1	B.E SPPU,Pune	Computer Engineering	Balaji Institute of Telecom Management& Technology ,Pune	M.B.A
2019	1	B.E SPPU,Pune	Computer Engineering	Balaji Institute of Telecom Management& Technology ,Pune	M.B.A
2019	1	B.E SPPU,Pune	Computer Engineering	VIT Vellore	M.Tech
2019	1	B.E SPPU,Pune	Mechanical Engineering	DPU - Institute of Distance learning, Pune	M.B.A
2019	1	B.E SPPU,Pune	Mechanical Engineering	Cad Centre Pune	Catia -3D
2019	1	B.E SPPU,Pune	Mechanical Engineering	COEP,Pune	Post Graduate Diploma
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Inter College Power Weight Lifting Competition	Under Pune District Sport Zone of SPPU,Pune - Inter College Matches	1
Inter College Kho-Kho Competition	Under Pune District Sport Zone of SPPU,Pune - Inter College Matches	10
Annual Sports Meet- 2020	Institute	270

Inter College Football Competition	Under Pune District Sport Zone of SPPU,Pune - Inter College Matches	10
Inter College Volleyball Competition	Under Pune District Sport Zone of SPPU,Pune - Inter College Matches	10
Inter College Badminton Competition	Under Pune District Sport Zone of SPPU,Pune - Inter College Matches	4
Inter College Weight Lifting Competition	Under Pune District Sport Zone of SPPU,Pune - Inter College Matches	1
National Sports Day Celebration	Institute	80
Inter College Table Tennis Competition	Under Pune District Sport Zone of SPPU,Pune - Inter College Matches	5
International Yoga Day program	Institute	10
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	First	National	1	Nill	191043	Mrunali Manohar Bhong
2019	Second	National	1	Nill	191043	Mrunali Manohar Bhong
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

For the overall development of the institution and the students, the different events and innovative programs are organized in institute and 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 the student community the opportunity to express their views on the institution and to make suggestions as expected. Each year the Student Council organizes enter-collegiate and inter-collegiate sports activities, various cultural activities that may include social activities such as blood donation camps, annual technical festivals, and students are assigned to coordinate these activities. But due to this Pandemic of COVID 19 in this year, it was very difficult and too risky to organize all

these activities at the institutional level, out of which all those activities were organized on online platform. The Technical Coordinator ensures maximum participation of students in various technical programs and contributes to the organization of technical workshops and events in the organization. The Institute has SAEINDIA Collegiate Club through which students can participate in SAEINDIA BAJA, TIFAN etc. Can participate in various SAE activities like. The institute also has a cultural club ALCHERA in which students can express their artistic talents and participate in the organization and cultural activities outside the institute. The Student Council has a disciplinary committee consisting of representatives from all branches of the organization to ensure discipline of academic, co-curricular and extra-curricular activities. The institution provides opportunities for active participation of students in various academic and administrative activities by allowing them to express their academic need to be included in the curriculum in various institutional committees such as the Curriculum Development Committee. Before finalizing the course, their views on content, implementation, evaluation and evaluation and announcement of results are taken into consideration. An important feature of the Student Council is that student participation is an integral and mandatory requirement in continuous assessment. This increases students confidence in enhancing their abilities and brings transparency in the assessment process. The Quality Assurance Cell (IQAC) and the College Development Committee (CDC) are represented within the organization which sets the benchmarks and targets of the educational process of the students. Also, students are represented in various chambers of departmental chapters, vocational chapters and departments. These chapters and cells help the system become more student-centered. 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.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

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.

5.4.2 – No. of enrolled Alumni:

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

06

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

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, co-curricular 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: • Ranasangram - Organized intercollegiate sports event • Tantra Enigma- Organized intercollegiate technical event • Sneh-Suman- Annual Social Gathering.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	The transparency in the admission process is ensured by adhering to the rules and regulations formulated by the Government of Maharashtra and Savitribai Phule Pune University (SPPU). Admissions are done strictly according to the merit lists which are displayed on the Directorate of Technical Education (DTE) website. The institute abides by the guidelines given by the government regarding reservations for various sections of society. Also, the applications received at the Institute Level are filled on the basis of merit.
Industry Interaction / Collaboration	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 • Training for faculty members • Industry sponsored final year projects.
Human Resource Management	The Chairman of Governing Body, guides group of academicians taking needs of SRTTC and prepare HR policy for recruitment. For recruitment, S. P. University of Pune gives guideline for reservation of various posts. HR policy guides recruitment of faculty and non-teaching members, retention of recruited personnel and recognition of service through promotion and other developmental opportunities. Objectives of human resource management are focused on maximizing employee performance. The following are the

strategies for Recruitment of quality personnel:

- HODs prepare the number of vacancies for teaching and non-teaching staff and the work description as per guideline of university.
- Faculty requirements from HoDs are sent to the management through Principal.
- The management sent detailed vacancies to SPPU and social welfare office for approval.
- After approval from the SPPU and social welfare office, advertisement is published in the leading Newspapers calling for applications from suitable candidates.
- From received pool of applications for given post, short listed candidates are called for interviews.
- SPPU appoints staff Selection committee for recruitment in each department.
- Interview and demo lectures are conducted by the Selection Committee and recommendation of suitable candidates are made to the SPPU for approval.
- Appointment orders are issued to selected candidates.

Library, ICT and Physical Infrastructure / Instrumentation

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 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 practical sand 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. All the practical

are performed 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 developed 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 SLING 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 TP 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.

Research and Development

The college from its inception has encouraged its faculty members to involve in research activity. • Facilities such as flexibility in timings, use of laboratories etc are extended to faculty as per requirement • The faculty is encouraged to attend FDPs, STTPs, Workshops, Seminars and Conferences organized by different organizations. • Faculty is involved in research and has published research articles at national and international level. Also, project proposals were submitted to different funding agencies. The following are the

strategies adopted by the college to keep up the research culture, • Faculty members are encouraged to apply for funded projects by University, AICTE and DST. • Laboratories are updated with advanced facilities and computation facilities • Continuous water and electricity available with backup generator.

Examination and Evaluation

? Examination • The Institute is continuously monitoring and evaluating the quality of its enrichment programmers like student's employability, technical excellence and competency. • Institute has allotted faculty members for a batch of students taking care of students academic as well as extra and co-curricular developments. • Each department has appointed one faculty member as Departmental Academic Co-ordinator (DAC) to monitor day to day academic activities and report to HOD. • HOD ensures smooth conduction of all planned activities in respective department and report to Principal. • One institute level Academic Coordinator (AC) is appointed and gives daily report to Principal from each department. • Unit tests for all classes after completion of two Units are taken to ensure the knowledge and preparation of students. • Practice of MCQ is taken for all subjects to ensure the preparation of online examination at FE and SE level and in semester examination at TE and BE level. • We are having a system to prepare and send monthly report of academic and other activities conducted in the institute to our corporate office. • The higher authorities from corporate office visit to institute and conducts meetings where the discussion on progress and further development of academic and other activities is done. ? Evaluation Document consisting of evaluation process is made available to the students and faculty members before commencement of semester. The faculty members discuss the evaluation process with student in the very first class. Information is made available on institute website, LMS, notice boards. Major evaluation reforms introduced by SPPU are online examination in-semester examination and credit based system are adopted by the Institute whereas for

internal evaluation system like self-evaluation by student using LMS is introduced. Industry representatives/working professional are involved in project review. Continuous evaluation of practical work, assignments and tutorials forms the part of formative assessment whereas summative assessment takes into account the in-semester examination and end-semester examination with due weightage to formative assessment. Transparency is ensured for internal assessment by declaring the outcomes and the scores to the students during regular practice.

Teaching and Learning

The institution follows the Outcome Based Education, which focuses on student-centric approach. • Curriculum is designed by S. P. Pune University. Curriculum is delivered considering Course Outcomes (COs), Program Outcomes (POs), Program specific Objective (PSOs) and Program Educational Objectives (PEOs). • For effective delivery of course, planning of lesson with mode of delivery and references for lesson is done. • More focus is given on ICT based teaching methods with use of ICT aids like projectors, videos and virtual lab delivery from free sources like Google meet, zoom, etc. • Internet facility for students and faculty for access to e-learning resources and for online teaching learning. • Aptitude and soft skill test are made available for students on institutional website for technical enhancement and the portal is designed by faculty members. • Student's feedback is used to improve quality of delivery of subject. • More emphasis is given to use E-resources such as Learning Management System (LMS), Virtual labs and NPTEL/ SWAYAM and MOOC courses. • Institute has Active NPTEL Centre and awarded for active SPOC.

Curriculum Development

The Curriculum is prepared by the concern Board of Studies (BOS) consisting of experts from the Industry, academia, members of BOS etc. The curriculum is finally approved by the academic council of University and displayed on University website. At the beginning of each academic year the affiliating University gives academic calendar and guidelines about the dates

of commencement of the semester, end of the semester, In-semester and End-semester examinations, Online examinations, Oral, Practical examinations, holidays etc. Principal receives inputs through IQAC, Department Advisory Board (DAB) and Academic co-ordinators etc. Based on these inputs Principal, Head of the Department (HOD), Institute Academic Coordinator (IAC), Head- Cultural activities discusses and prepares the academic calendar for the college. These are documented by IAC. It is then distributed to all the departments. Each department prepares their Department Academic Calendar in consultation with Head of the Department. Principal held a common meeting with all teaching and non teaching staff before commencement of semester. Students are also made aware of commencement of semester through a common notice and also SMS sent through ERP system.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	<p>The subject teacher prepares teaching plan and practical plan manually and uploads it in Management Information System (MIS). After approval of teaching plan practical plan by HOD, one starts filling the attendance and implementation. 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. This software helps to Local Management for monitoring of Administrative Academic activities of Institute.</p>
Administration	<p>The Establishment Section Issue Employee ID to newly recruited staff member. The software stores the basic and necessary information about the staff member like: Present Address, Permanent Address, Education details, Experience (in years), Last serving Institute, Approval, PAN card, Aadhar Card, area of specialization, Finger, Face and Iris impressions etc.</p>
Finance and Accounts	<p>Newly admitted student reflects into accounts module for fees payment. This module accepts Tuition fees, Misc. fees, Development fees and Eligibility</p>

	<p>fees in Online transfer/Cash mode. Accordingly, fee receipt will be generated by the software. The software helps to find fee due report of students.</p>
Student Admission and Support	<p>At the time of student admission General Registration Number (GRN) is issue to every student. GRN is a unique identification of that student and this also shows type of admission. The document submission receipt issued against required admission documents submission. This software collects all academic, extracurricular and other basic information like SSC, HSC/Diploma, Present Address, Permanent Address, Aadhar card, PAN card etc for student database. The College Leaving, bonafide, transcript certificates also issue by this software. This student database also shares by other modules of MIS.</p>
Examination	<p>Online Examination System developed to conduct Aptitude Technical test.</p>

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Prof. Vidya Shitole	Hands on Session on Parallel Programming using Open-MP	NA	500
2019	Prof.. Sonali Patil	Hands on Session on Parallel Programming using Open-MP	NA	500
2019	Prof. Bhavesh B. Shah	Hands on Session on Parallel Programming using Open-MP	NA	500
2019	Prof. Anjali Dalvi	Hands on Session on Parallel Programming using Open-MP	NA	500
2020	Prof. Anjali Dalvi	"Configuration of networking	NA	500

		devices using cisco packet tracer"		
2020	Prof. Bhavesh B. Shah	"Configuration of networking devices using cisco packet tracer"	NA	500
2020	Prof.. Sonali Patil	"Configuration of networking devices using cisco packet tracer"	NA	500
2020	Prof. Vidya Shitole	"Configuration of networking devices using cisco packet tracer"	NA	500
2020	Prof. Shital Patil	"Configuration of networking devices using cisco packet tracer"	NA	500
2020	Prof. Dnyaneshwar Kudande	"Configuration of networking devices using cisco packet tracer"	NA	500
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2020	National Remote Sensing Centre (NRSC), Hyderabad	National Remote Sensing Centre (NRSC)	30/01/2020	30/01/2020	2	Nil
2020	WiDS (Womens in Data Science) Conference	WiDS (Womens in Data Science)	29/02/2020	29/02/2020	2	Nil

2020	Expert Lecture on ICT Tools	Expert Lecture on ICT Tools	03/03/2020	03/03/2020	15	6
2020	LATEX-Workshop	LATEX-Workshop	04/02/2020	04/02/2020	7	Nil
2020	Workshop on Augmented and Virtual Reality Technolo	Workshop on Augmented and Virtual Reality Technolo	18/02/2020	18/02/2020	7	Nil
2019	Expert Lecture on "Applications on Algebraic Structures and Coding Theory"	Expert Lecture on "Applications on Algebraic Structures and Coding Theory"	14/09/2019	14/09/2019	3	Nil
2019	AWS Awareness Program	AWS Awareness Program	17/09/2019	17/09/2019	7	Nil
2019	Training Program- Computer Network - Practical Approach	Training Program- Computer Network - Practical Approach	30/09/2019	30/09/2019	6	Nil
2019	Cloud Literacy Day	Cloud Literacy Day	18/10/2019	18/10/2019	12	Nil
2019	One day Workshop on Opportunities of Data Science Analytics using Python in Industries	One day Workshop on Opportunities of Data Science Analytics using Python in Industries	30/09/2019	30/09/2019	8	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Faculty Development Program- FDP on " Computer	1	04/07/2020	04/07/2020	1

Graphics" SE-2019 Course- Syllabus Revision organized by Bh aratiVidyapeeth COE for Women, Pune, under SPPU				
Faculty Development Program FDP on " Discrete Mathematics" SE-2019 Course- Syllabus Revision organised by JSPM, Narhe Technical Campus, under SPPU	1	13/07/2020	13/07/2020	1
5 Day STTP ,RAIT,Nerul and BR Automation Pune Internet of Things (IoT) It's Applications in Industry"	1	08/06/2020	12/06/2020	5
One day online FDP on "Fundamentals of Data Structures (SE 2019 Course)"	1	03/07/2020	03/07/2020	1
One day online FDP on "Data Structures Lab"	1	08/07/2020	08/07/2020	1
Attended FDP on " Digital Electronics Lab" SE-2019 Course-Syllabus Revision	1	06/07/2020	06/07/2020	1
FDP on " Digital Electronics" SE-2019 Course- Syllabus Revision	1	08/07/2020	08/07/2020	1
Online STTP on Computer Network	1	24/08/2020	29/08/2020	6

sponsored by AICTE under AQIS				
Online FDP on "Data Sciences"	1	28/09/2020	02/10/2020	5
6 Days Online Refresher Program Contemporary Artificial Intelligence	1	19/10/2020	24/10/2020	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
3	27	1	21

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>To any institute growth the working staff is pillars for its proper functioning for which our college empowers its faculties through various strategic benefits. Annually all staff can avail casual, Medical, Earned Leaves as per policy laid by the institute's management. Also Maternity leaves for young mothers on request. Vacation Leaves are also provided for all staff semi annually after completion of academics. To secure staff financially the institute has Employee Provident Fund (EPF) and Gratuity scheme for all sheltered in this institute. The institute also has Group Term Life Insurance for all staff. To encourage research and innovations in the institute, Research Leaves are granted for those who are perusing doctoral programs. For active participation in academic practices all staff are</p>	<p>To any institute growth the working staff is pillars for its proper functioning for which our college empowers its faculties through various strategic benefits. Annually all staff can avail casual, Medical, Earned Leaves as per policy laid by the institute's management. Also Maternity leaves for young mothers on request. To secure staff financially the institute has Employee Provident Fund (EPF) and Gratuity scheme for all sheltered in this institute. The institute also has Group Term Life Insurance for all staff. As the topography of the institute is remote transportation canteen facilities are provided at subsidized rates. Various Training programs are organized at institute for staff welfare.</p>	<p>Student welfare schemes such as Earn and Learn scheme, Book bank facility, health checkup, Bank facilities etc. are provided. ? Earn Learn Scheme: • Earn and learn scheme was implemented in the college with the permission and approval from Board of Student Welfare, SPPU. • The main objective of the scheme is to develop a student as a multifaceted personality with academic excellence and a commitment to an egalitarian society. • Students are given technical work, official work, library work and sports ground preparation/maintenance work under supervision of the concerned staff. • The students have shown keen interest in the work along with their academics. Institute has provided the initial funding support for the scheme with additional remuneration from SPPU. ? Book Bank Library has</p>

deputed for workshops, Seminars Conferences on demand. As the topography of the institute is remote transportation canteen facilities are provided at subsidized rates. Various Training programs are organized at institute for staff welfare.

implemented following two schemes a) Social Welfare Scheme It is available for reserved category students. Under this scheme, the books are issued as per the requirement of students. b) Library book bank scheme: Books are issued to each student under this scheme

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

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).

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Suman Ramesh Tulsiani Technical Campus Faculty of Engineering	160000	Support to the financial weaker students
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6.4.3 – Total corpus fund generated

433988344.00

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	TUV Rheinland (India) Pvt Ltd.and Vishwarkarma Institutes	Yes	IQAC
Administrative	Yes	TUV Rheinland (India) Pvt Ltd.and	Yes	IQAC

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. Parent Teacher meet. 2. Communication with parents using electronics media. (Creating WhatsApp group) 3. Feedback is taken from stakeholders such as parents

6.5.3 – Development programmes for support staff (at least three)

1. Training on Computer based Technology. 2. Training on QMS (ISO-9001-2015-Recertification) with zero nonconformity. 3. Industry Institute Interaction.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Promotion for NPTEL/SWAYAM/Online Certification Courses. 2. QMS (ISO-9001-2015- Recertification)with zero nonconformity. 3. Focus on Industry Institute Interaction. 4. Structured planning for result improvement. 5. Revenue generation through introduction of new programs and consultancy.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	Yes
d) NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Revenue generation through introduction of new programs and consultancy.	20/01/2019	20/01/2019	20/01/2019	36
2019	Promotion for COURSERA/ TCS-ion/ NPTEL/SWAYAM/Online Certification Courses	05/07/2019	05/07/2019	05/07/2019	521
2019	Encouragement for research and publication activities	08/08/2019	08/08/2019	08/08/2019	521
2019	Academic enhancement through Internal IQAC Audit	28/08/2019	28/08/2019	29/08/2019	521

2019	Academic enhancement through Internal IQAC Audit	04/09/2019	04/09/2019	04/09/2019	521
2019	Motivation for Internships in reputed Industries enhancement for industry institute interaction	26/10/2019	26/10/2019	26/10/2019	521
2020	Quality enhancement through NAAC AQAR 18-19 Submission on NAAC Web Portal	24/02/2020	24/02/2020	24/02/2020	10
2020	External Surveillance Audit	31/03/2020	31/03/2020	31/03/2020	521
2020	Modification of Administration Department information forms through Quality Management System (ISO)	19/05/2020	19/05/2020	19/05/2020	12
2020	Administration Staff quality enhancement through training	20/07/2020	20/07/2020	20/07/2020	15
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Tree Plantation Activity	15/07/2019	15/07/2019	12	35
Gurupornima	16/07/2019	16/07/2019	5	40

Celebration				
Yoga day Celebration	21/06/2019	21/06/2019	21	49
Freshers Party Program	05/08/2019	05/08/2019	9	16
Ganapati Utsav Celebration	12/09/2019	20/09/2019	12	19
Swachata Oath Day	02/10/2019	02/10/2019	25	68
Constitution Day Celebration	26/11/2019	26/11/2019	22	45
Sports day Celebration	05/02/2020	07/02/2020	23	78
Tech-Fest (Tantra Enigma)	10/02/2020	10/02/2020	21	51
Sneh-Suman annual program	14/02/2020	14/02/2020	51	158
Engineer's Day Celebration	15/09/2020	15/09/2020	3	44
graduation Project Presentation	01/06/2019	31/05/2020	19	189
Mini project competition	11/11/2020	11/11/2020	12	36

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
100

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	Yes	426
Ramp/Rails	Yes	431
Rest Rooms	Yes	78
Scribes for examination	Yes	Nil
Any other similar facility	Yes	5

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff

2019	3	5	17/06/2019	1	Tree Plantation	Importance of Environment	47
2019	Nil	Nil	22/08/2019	1	Computer Internet literacy awareness program for school students	Computer Internet Literacy to nearby college	17
2019	Nil	Nil	19/12/2020	1	Expert session by Prof. Pravin Thorat on Surveying Methodology	Sharing of knowledge to needy people to enhance their knowledge	58
2019	Nil	Nil	01/06/2019	365	Provision of Stationary Store	To facilitate stationary in college campus	435
Nil	Nil	Nil	01/06/2019	365	Provision of Canteen facility	To provide hygienic food in competitive rates	435
Nil	Nil	Nil	01/06/2019	365	Provision of bus facility	To ensure safety and security during travelling	89
Nil	Nil	Nil	01/06/2019	365	Provision of Medical facility	To tackle health and emergency medical issue	435
Nil	Nil	Nil	01/07/2020	150	FC Centre	To avail information, guidance for Engineering Aspirant in admission	112

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of conduct for student	01/08/2019	<p>A student code of conduct serves to set up prospect of the students in an institute. The guidelines in the code of student conduct usually parallel to the institutes overall mission and objectives. Therefore, the guidelines are established to regulate student behavior throughout their education in institute. In SRTTC FoE, Code of conduct are informed to the students at the time of admission through oral communication mail and displayed on notice board in respective department. The students are instructed to abide rules and regulation of institute. Strict action is taken against the students if found violating the code of conduct. Details of Code of Conduct for students are available on srttc.ac.in</p>
Code of conduct for faculty	01/08/2019	<p>All faculty of the institute must be cognizant of, and comply with, the relevant policies, standards, laws and regulations that guide our work. All are individually accountable for our own actions and, as members of the University community, are collectively accountable for upholding these standards of behavior and for compliance with all applicable laws and policies. The code of conduct for</p>

		<p>faculty includes issues related to Rules and Regulation, Harassment and Discrimination, Confidential Information. Details of Code of Conduct for faculty are available on srttc.ac.in</p>
Code of conduct and service rule	01/08/2019	<p>The SRTTC FoE seeks to provide an environment conducive to teaching, extending, and critically examining techniques for research and development. Promoting positive relationships between faculty and students, between colleagues, and between faculty and the institute itself are central to sustaining such an environment these relationships are the source of the professional responsibilities of all faculty. It is the intent of the Faculty Code of Conduct to help preserve the highest standards of teaching and professionalism for all who teach at the SRTTC FoE institute. Staff is instructed to abide rules and regulation of institute. Strict action is taken against the staff if found violating the code of conduct. Details of Code of Conduct and service rule are available on srttc.ac.in</p>

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Yoga day Celebration	21/06/2019	21/06/2019	70
Tree Plantation	15/07/2019	15/07/2019	47
Gurupurnima Celebration	16/07/2019	16/07/2019	45
Ganapati Utsav	12/09/2019	20/09/2019	31
Swachata Oath Day	02/10/2019	02/10/2019	93

Constitution Day Activity	26/11/2019	26/11/2019	67
Engineers Day	15/09/2020	15/09/2020	47
Independence day-2019 celebration	15/08/2019	15/08/2019	38
Republic Day Celebration	26/01/2020	26/01/2020	47
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1) The institute conduct tree plantation every year and is a green campus in reality.
2) The institute has a solar lighting system in the campus of on grid 62KW capacity
3) Maximum student and staff are encouraged to use public transport to reach college
4) Every student and staff of institute has institute domain email id and all circular and notices are circulated through same to avoid paper use
5) Awareness is brought in students through display boards regarding minimize use of plastic
6) The institute has started replacing conventional lighting devices with CFLs and LED'S, to ensure conservation of energy
7) The institute has rain water harvesting unit which collects water from roof top area of about 600 m2.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

<p>Best Practice 1</p> <p>1. Title of Practices: E-learning</p> <p>2. Objective of Practices: 1. To enrich the quality of teaching and learning process. 2. To meet the needs of students. 3. To improve the operating efficiency and efficacy. 4. To increase interface usability and time adaptability so that learners are more engaged in the learning process.</p> <p>3. The Context: E-learning is technology facilitated learning which takes place either computer assisted learning in physical classroom or in online mode. The learning process generated through engagement with information communications technologies, facilities, and support is known as e-learning.</p> <p>4. The Practices: We are using E- Learning in following way</p> <p>1. 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.</p> <p>2. E-Learning -Increased and flexible interaction with student through domain e-mail and discussion forums.</p> <p>3. Online Examination - Online Aptitude Test and Subjective Test for competitive exam like Gate open for 24 x 7 for all students.</p> <p>4. LinkedIn - LinkedIn cultivates professional network by connecting current and former students, entrepreneurs and recruiters.</p> <p>5. Google Meet- G-meet gives teacher's face-to-face interaction with their students. This is the best alternative to teaching from a physical classroom, user friendly, and easily accessible from anywhere. Mentor can increase interactions with students, parents, guardians and fellow faculty members - across a secure platform.</p> <p>6. Google Classroom - Google classroom or paperless classroom is a great and flexible way to create class, upload assignments and continuous evaluation. This is reliable tool for classroom management.</p> <p>5. Evidence of</p>
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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 more domain size Best Practice 2 4. Title of Practices: Multi skill

(Professional and Technical) enhancement programme 1. Objective of Practices:

5. To improve knowledge and skills in order to facilitate individual and institute-wide, improvements for the purpose of increasing student achievement. 6. To explore personal strength and interest related to career and future life. 7. To encourage students for employment readiness. 8. To learn participation in group activities. 9. To fulfill professional development goals. 2. The Context:

An individual becomes more knowledgeable, capable, and optimistic in their domain and success as a result of successful professional and technological enhancement, which helps them achieve their goals more effectively. 3. The Practices: We are using Multi skill (Professional and Technical) enhancement programme in following way • Online Course - Skill Enhancement and Professional Development program provides a wide array of educational opportunities for all students through online platform to enhance their skill sets. • NPTEL - NPTEL uses information and communication technology to make high-quality learning materials accessible to students at engineering institutions throughout the world. • Tantra Enigma TECHFEST: Technical event - Technical fests provide avenue for young minds to display their creative ideas and compete against their peers. These technological fests are a mix of entertainment and education, where students learn and are inspired by spectacular ideas. •

Internship - On the job training program through Internship programme helps students to get a feel for the work environment, boost confidence and build the network. • Student association -The goal of these organizations is to represent students both within and outside of the institution, including on local and national issues. • Mini Project - Mini project competition lets the students to apply the programming knowledge into a real- world situation/problem. 4.

Evidence of Success: For effective working environment, all concern students and staff coordinators are connected to each other through restricted channels.

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- Industry Interaction

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://www.srttc.ac.in/Governance.html>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

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 the 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 Students 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 the skill of the faculty. Institute has signed Memorandum of Understanding (MoU) with industries/organizations to enrich technical education, learning process, advance knowledge, latest trends for students. During the pandemic situation, the institute developed a facility of online lectures, virtual visits, online quiz, live practical conduction to ensure active engagement and curriculum delivery.

Provide the weblink of the institution

<https://www.srttc.ac.in/>

8.Future Plans of Actions for Next Academic Year

The institute gives more emphasis on growing industry institute interaction which is significant to bridges the gap between academics and industry needs Institute planned to associate faculty members with industries. They will be sent for training in relevant industries of their domain. Institute having memorandum of understanding with reputed industries. The institute planned to increase 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 and industry sponsored final year projects. • To increase placement campus recruitment is considered one of the major parameter for attracting good talent for admissions. Institute is more focusing on various branding activities to attract industries for academic collaborations and to upsurge placement. For aptitude and technical enhancement of student's online test series are made available on institute website. Future plan of increasing placement deals with identification of skill sets of students and then promoting them to related placement Required skill trainings are planned and focus is increased for networking. • To start new programs: SRTTC has ample infrastructure and supporting facilities, Institute is awarded with an ISO certification for ISO 9001:2015 QMS (Certificate Reg. No. 85 100 001 19120) and also audited with zero nonconformities in yearly surveillance audit. The institute is accredited by NAAC with B grade in 2018. Institutes 2018-19 AQAR was approved by NAAC. It has well-furnished laboratories and library with multimedia facilities. • Submission of research proposal to funding agencies for research enhancement. 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 fulfil 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.