Yearly Status Report - 2018-2019

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. SANKPAL JAYWANT BAPUJI**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02114-264101**
Mobile no.	**9763704727**
Registered Email	**principal@srttc.ac.in**
Alternate Email	**assodeanqa@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**
City/Town	**PUNE**
State/UT	**Maharashtra**

Pincode	**410405**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**PROF. ANJALI MANOJKUMAR DALVI**
Phone no/Alternate Phone no.	**02114264230**
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)	http://www.srttc.ac.in/naac.html

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.srttc.ac.in/SRTTC-Academic-calendar.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				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

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

Academic and Administration Review by Management Review Committee (MRC) Meeting	11-Jan-2019 1	20
Administration Staff quality enhancement through training	20-Jun-2019 1	12
Modification of quality management system (ISO)	15-Jun-2018 114	12
Academic enhancement through IQAC Audit by AIT, Pune	03-Sep-2018 1	471
Quality enhancement through NAAC Accreditation	05-Oct-2018 2	471
Academic enhancement through Internal IQAC Audit	25-Feb-2019 1	471
Academic enhancement through Internal IQAC Audit	08-May-2019 1	471
Promotion for Co-curricular, Extra-Curricular activities and Enrichment of faculty and students	15-Jun-2018 1	471
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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	Zonal Level Sports Event	IEDSSA	2019 1	5000
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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 :	**8**
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?	No

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

1. Promotion for NPTEL/SWAYAM/Online Certification Courses 2. ISO Re certification 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.

View File

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
QMS (ISO Recertification)according to standards	Refinement and Standardization certified with ISO according to standards
Betterment of management system in the organisation by introducing revised ISO QMS	Ease of working and readily available forms and formats
Promotion for Industry Institute Interaction	Workshops, Industrial Visits, Expert Lectures, Internships, etc.
Promotion to NPTEL/SWAYAM/MOOC Courses	Increase in NPTEL registration , certification and recognition
Aptitude and technical Ability through Online portal design	Enhancement in aptitude and technical skills of students
Motivation for Internships in reputed Industries	Increased in Internship Count
Admission Campaigning through social activities	Increase in Admission count
Training to administrative staff	Computer Technology based quality enhancement
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14. Whether AQAR was placed before statutory body ?	No
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 descripiton and a list of modules currently operational (maximum 500 words)	**Management Information System (MIS) software developed by Staff members and Students of Computer Engineering Department, SRTTC. The MIS deployed on Cloud platform and it remotely accessible over Globe. This software has four modules to automate process of Institution like Academics, Student Section, online Grievance Redressal System, Accounts and Establishment. This software is under development phase, the alumni interaction module will be introduced in coming months. I. 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. II. The document submission receipt issued against required admission documents submission. III. This software 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 certificates also issue by this software. IV. This student database also share 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. VI. The software helps to find fee due report of students. VII. 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. VIII. 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. IX. This software helps to Local Management for monitoring of Administrative Academic activities of Institute. X. 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. XI. The biometric information is used by Biometric daily attendance module. At any time, the HOI and/or Local management remotely finds employee 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 to 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. OGRS was developed based on norms of All India Council for Technical Education (AICTE), New Delhi

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 per decided in the ISO 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, Vishwkarma 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/entreprene urship	Skill Development
-	Diploma for Fitter (V3)	01/08/2018	365	YES	YES
-	Diploma in Civil Supervisor (V11)	01/08/2018	365	YES	YES
Certificate course on Big Data Hadoop	-	21/09/2018	1	YES	YES
Certificate course on Software Testing	-	29/09/2018	1	YES	YES
Certificate course on Internet of Things (IoT)	-	05/02/2019	1	YES	YES
Certificate	-	15/02/2019	1	YES	YES

course on Virtualization Amazon Web Services (AWS)						
Certificate course on Cyber Security	-	15/02/2019	1		YES	YES
Certificate course on Cisco Networking Lab	-	28/02/2019	1		YES	YES
Certificate course on Latex	-	25/03/2019	1		YES	YES
Certificate course on Python	-	26/03/2019	1		YES	YES

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BCA	Computer	11/06/2018
MCA	Computer	11/06/2018
BSc	Regular	24/05/2019
MSc	Mathematics	24/05/2019
MSc	Environmental Science	24/05/2019
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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	15/06/2018
BE	Computer Engineering	15/06/2018
BE	Civil Engineering	15/06/2018

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

	Certificate	Diploma Course
Number of Students	314	14

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	19/08/2018	17
Entrepreneurship	24/01/2019	120

Development Program (EDP)		
Course on Big Data Hadoop	21/09/2018	30
Course on Software Testing	29/09/2018	30
Course on Internet of Things (IoT)	05/02/2019	29
Course on Virtualization Amazon Web Services (AWS)	15/02/2019	35
Course on Cyber Security	15/02/2019	35
Course on Cisco Networking Lab	28/02/2019	46
Course on Latex	26/03/2019	35
Course on Python	25/03/2019	35
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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	Computer Engineering	38
BE	Civil Engineering	63
BE	Mechanical Engineering	62
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

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 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	54	21	11
BE	Civil Engineering	54	3	2
BE	Mechanical Engineering	108	3	3
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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
2018	436	0	35	0	0

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	Numberof smart classrooms	E-resources and techniques used
35	35	9	14	14	10
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
436	35	35:436

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
50	35	15	1	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
2018	Prof. J. B. Satpute	Assistant Professor	Best Researcher Award - 2018 by IJRULA Accrediated by Ladmas Learning and Training Centre, Malaysia
2019	Prof.Mrs. V. G. Shitole	Assistant Professor	Got Best Paper Award in National conference paper presentation- "Quan tonium'19-NCCSACT" (Ranked 2nd position
2019	Dr. P. A. Desai	Assistant Professor	Received National award of excellence "Adarsh Vidya Rashtriya Saraswati Puraskar" by Glacier Journal research
2019	Dr. P. A. Desai	Assistant Professor	Received "Best Teacher award" by Glacier Journal research foundation
2019	Dr. P. A. Desai	Assistant Professor	Nominated as Editorials Board Member in Glacier Journal research

2019	Prof.S.A.Magdum	Assistant Professor	Awarded with Elite-Silver NPTEL online Certification in Product Design Development.
2019	Dr.Mrs.B.A.Kamalapurkar	Assistant Professor	Awarded with NPTEL online Certification FDP Course in Semiconductors Optoelectronics
2019	Prof.Mrs.S.S.Patil	Assistant Professor	Awarded with Elite NPTEL online Certification Course in Big Data Computing.
2019	Prof. Mrs. S. S. Patil	Assistant Professor	Awarded with Elite NPTEL online Certification Course in Introduction to Industry 4.0 and Industrial Internet of Things.
2019	Prof.S.S.Ajanakar	Assistant Professor	Awarded with NPTEL online Certification Course in Machinery Fault Diagnosis and Signal Processing

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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	676724510	SEM-I	30/11/2018	12/02/2019
BE	676724510	SEM-II	23/04/2019	20/07/2019
BE	676724510	SEM-III	03/11/2018	12/02/2019
BE	676724510	SEM-IV	25/04/2019	21/07/2019
BE	676724510	SEM-V	03/11/2018	12/02/2019
BE	676724510	SEM-VI	25/04/2019	22/07/2019
BE	676724510	SEM-VII	03/11/2018	24/01/2019
BE	676724510	SEM-VIII	25/04/2019	24/07/2019
BE	676719110	SEM-I	30/11/2018	12/02/2019
BE	676719110	SEM-II	23/04/2019	20/07/2019

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. 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).

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 Engineering	39	37	94.87
676719110	BE	Civil Engineering	38	36	94.73
676761210	BE	Mechanical Engineering	118	97	82.2
			View File		

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
Major Projects	365	BIRAC (Biotechnology Industry Research Assistance Council)	0	0
Major Projects	365	BIRAC (Biotechnology Industry Research Assistance Council)	0	0
Minor Projects	365	Villgro (Powering Livelihoods program)	0	0
Interdisciplinary Projects	365	Oil and Gas PSUs Startup	0	0
Interdisciplinary Projects	365	Oil and Gas PSUs Startup	0	0
Interdisciplinary Projects	365	Villgro (Powering Livelihoods program)	0	0
Industry sponsored Projects	365	MS Global Business Solutions, Beed (M.S.)	0.1	0
Any Other (Specify)	365	Suman Ramesh Tulsiani Technical Campus , Khamshet Pune	0	0
				[View File](#)

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
Faculty Development Programme on Artificial Intelligence	Computer Engineering	05/07/2018
Workshop on Laboratory Practice-1 (HPC)	Computer Engineering	09/07/2018
Faculty Development	Computer Engineering	10/07/2018

Programme on VLSI		
Faculty Development Programme on on LP-1	Computer Engineering	10/07/2018
Faculty Development Programme on Laboratory Practice-2 (Software Testing)	Computer Engineering	10/07/2018
Seminar on Structural Design Drawing	Civil Engineering	24/07/2018
Seminar on Basics of Steel Structure Tension Member	Civil Engineering	24/07/2018
Workshop on Software,s in Civil Engineering	Civil Engineering	28/08/2018
Seminar on Automation in Wastewater Treatment	Civil Engineering	21/09/2018
Seminar on Motivational Speech	Civil Engineering	21/09/2018
Workshop on Stiffness method for analysis of indeterminate structure	Civil Engineering	21/09/2018
Seminar on Design of Retaining Wall	Civil Engineering	21/09/2018
Seminar on Matrix Method of Analysis	Civil Engineering	21/09/2018
Workshop on Liquid retaining structure from Structural Design-III	Civil Engineering	21/09/2018
Faculty Development Programme on Remote sensing and GIS	Civil Engineering	21/09/2018
Seismic Coefficient Method and introduction to vibration	Civil Engineering	16/10/2018
Faculty Development Programme on LP-III of BE Computer	Computer Engineering	18/12/2018
Faculty Development Programme on Cloud Computing	Computer Engineering	02/01/2019
Faculty Development Programme on Lab Practice-IV	Computer Engineering	07/01/2019
Virtualization and Hands-on Training of AWS	Computer Engineering	15/02/2019
Faculty Development Programme on Cyber Security	Computer Engineering	15/02/2019
Faculty Development Programme on IoT	Computer Engineering	05/02/2019

Technical Seminar on Electricity Safety	Computer Engineering	05/03/2019	
Seminar on Python under CSI	Computer Engineering	25/03/2019	
AWS Educator Meet 2019	Computer Engineering	26/03/2019	
Faculty Development Programme on Deep foundation for the subject of Foundation Engineering	Civil Engineering	29/03/2019	
One day workshop on Dimensional Analysis Boundary Layer Theory	Civil Engineering	01/04/2019	
Faculty Development Programme on Water and Waste Water Analysis its Industrial Applications	Civil Engineering	03/04/2019	
One day Seminar on An overview of design of RCC structures	Civil Engineering	04/04/2019	
One day Seminar on Use of Softwares in Civil Engineering	Civil Engineering	17/09/2019	
Workshop on Software used to Design Steel Structures (STADD Pro)	Civil Engineering	17/09/2019	
Faculty Development Programme on Applications of Permeability Seepage Analysis in Civil Engineering	Civil Engineering	21/09/2019	
Faculty Development Program on Stress Handling and Power of Motivation, Positivity	Department of Engineering Sciences and Humanities	18/08/2018	

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
Removing Big Data Reduplication in Cloud	Abhinav Jadhav, Imran Khan, Shreyas Gade	National Conference Quantonium, Indira COE, Parandwadi	22/03/2019	Best Paper Award (Ranked 2nd position from total 56 Papers) at Indira College of Engineering and Management, Pune
Adarsh Vidya Saraswati Rashtriya Puraskar	Prof. P.A.Desai	Global Management Council, Ahmedabad	01/07/2019	National Award of Excellance
Editorial	Prof. P.A.Desai	Global	01/07/2019	National Award

Advisory Board Member		Management Council (Scientific Journal), Ahmedabad		of Excellance
Reviewer	Prof. Anjali M. Dalvi	Springer Conference ICCISIoT 2019, NIT, Agartala, Tripura	13/12/2019	Reviewer
Reviewer	Prof. P.A.Desai	JoVE Scientific Journal (USA)	01/09/2019	Scientific Journal, Reviewer
Reviewer	Prof. P.A.Desai	Scientific Publishers Group (Advances in Materials) (USA)	01/09/2019	Scientific Journal, Reviewer
Editorial Advisory Board Member (Material Physics)	Prof. P.A.Desai	Cambridge Scholers Publishing (UK)	01/10/2019	Scientific Journal, Editorial Advisory Board Member (Material Physics)
SET Examination qualified in Mathematics	Prof.J.S.Garud	SET (Maharashtra)	11/01/2019	National Level Examination
Best Researcher Award	Prof. Jitendra Satpute	IJRULA Accredited by Ladmas Learning and Training Centre, Malaysia	15/08/2018	Best Researcher Award
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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 Shah, Prof. Sonali Patil	Suman Ramesh Tulsiani Technical Campus, Khamshet	SRTTC	MIS Stage-I development	15/06/2018
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
0	0

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)
National	Department of Engineering Sciences and Humanities	3	3.8
International	Computer Engineering	17	4.76
International	Mechanical Engineering	13	6.78
International	Civil Engineering	1	0.13

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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
Civil Engineering	3
Computer Engineering	23
Mechanical Engineering	15
Department of Engineering Sciences and Humanities	9

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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
Recent advancement in cooling technologies of solar photovoltaic (PV) system	Jitendra Satpute	FME Transactions	2018	1	VIT University, School of Mechanical engineering (SMEC), Vellore, India	4
Thermal performance investigation of concentrated solar collector using novel	Jitendra Satpute	Material Today Proceedings	2018	1	VIT University, School of Mechanical engineering (SMEC), Vellore, India	1

aluminum absorber						
English is as yet undefined workplaces in India	Anil B.Swami	ELTAI, UGC Approved Journal, Chennai	2018	0	Assistant Professor, Suman Ramesh Tulsaini Technical Campus Khamshet Pune	0
Use of power point technology to interpret and teach potery	Anil B.Swami	Pune Research International Journal In English (UGC Approved Journal)	2018	0	Assistant Professor, Suman Ramesh Tulsaini Technical Campus Khamshet Pune	0
Communicative competence and cultural empowerment when east meet west in the context of language teaching and learning in maharashtra	Anil B.Swami	ELTAI International Journal In English (UGC Approved Journal)	2018	0	Assistant Professor, Suman Ramesh Tulsaini Technical Campus Khamshet Pune	0
Saga of indian science, national aspiration and self discipline uniqueness reflection in Dr. A.P.J Kalam's wings of fire	Anil B.Swami	Snehavardhan Research Institute, Pune	2019	0	Assistant Professor, Suman Ramesh Tulsaini Technical Campus Khamshet Pune	0
A cross cultural communication and ironic expression	Anil B.Swami	Literary Endeavour, UGC Approved Journal, Aurangabad	2019	0	Assistant Professor, Suman Ramesh Tulsaini Technical	0

in the jai nimbkar's novel of come rain					Campus Khamshet Pune	
Importance of construction management documentation in planning and construction Project Works: A Review	Kajol Ashok Mohite, Prof. Hemant H. Salunkhe	International Journal of Research and Analytical Reviews	2019	0	DY PATIL Ambi	0
Random Forest Classifier Approach for Imbalanced Big Data Classification for Smart City Application Domains	Anjali S. More, Dipti P. Rana, Isha Agarwal	International Journal of Computational Intelligence IoT	2019	0	Sardar Vallabhbhai National Institute of Technology (SVNIT)	0
Predicting the Veracity of Fake Information on Smart Media for Reducing Misinformation Diffusion	Anjali S. More, Dipti P. Rana, Isha Agarwal	International Journal of Computational Intelligence IoT	2019	0	Sardar Vallabhbhai National Institute of Technology (SVNIT)	0
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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
Investigation of The Mass Movement In Varandha Region, Western Ghat of Maharashtra	Prof. D. J. Khamkar	International Journal of Engineering Technology	2018	2	1	SRTTC, FOE Kamshet, Pune

Using Geospatial Technique						
Geotechnical and Geological Investigation of Landslide in Western Ghat of Maharashtra, India	Prof. D. J. Khamkar	International Conference on Research Advancements in Applied Engineering Sciences, Computer and Communication Technologies (ICRAAESCCT – 2018)	2018	0	0	SRTTC, FOE Kamshet, Pune
Recent advancement in cooling technologies of solar photovoltaic (PV) system	Jitendra Satpute	FME Transactions 46 (4), 575-584	2018	1	4	VIT University, Vellore
Thermal Performance Investigation of Concentrated Solar Collector Using Novel Aluminum Absorber	Jitendra Satpute	Materials Today: Proceedings	2018	1	1	Veermata Jijabai Technological Institute, Mumbai, India
Use of Power Point Technology to Interpret and Teach potery	A.B.Swami	Pune Research International Journal In English (UGC Approved Journal)	2018	0	0	SRTTC FOE Kamshet, Pune
Communicative Competence and Cultural Empowerment when East Meet West	A.B.Swami	ELTAI International Journal In English (UGC Approved Journal)	2018	0	0	SRTTC FOE Kamshet, Pune

in the Context Language Teaching and Learning in Maharashtra						
English is the As-Yet – Undefined Workplaces in India: Myth, Difficulties, Reality and Need to Empower Students to Understand Culture of Work Places	A.B.Swami	ELTAI International Conference at Bilaspur	2018	0	0	SRTTC FOE Kamshet, Pune
A Cross-Cultural Communication and Ironic Expression in the Jai Nimbkar's Novel of Come Rain	A.B.Swami	Literary Endeavour , UGC Approved Journal , Aurangabad	2018	0	0	SRTTC FOE Kamshet, Pune
Saga of Indian Science, National Aspiration and Self Discipline Uniqueness Reflection in Dr. A.P.J Kalam's Wings of Fire	A.B.Swami	Snehavardhan Research Institute, Pune	2018	0	0	SRTTC FOE Kamshet, Pune
Random Forest Classifier Approach for Imbalanced Big Data C	Anjali S. More, Dipti P. Rana, Isha Agarwal	International Journal of Computational Intelligence IoT	2019	1	8	Sardar Vallabhbhai National Institute of Technology (SVNIT)

lassificat ion for Smart City Applicatio n Domains							
No file uploaded.							

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

Number of Faculty	International	National	State	Local
Attended/Semina rs/Workshops	0	0	41	3
Presented papers	10	3	0	0
Resource persons	10	1	5	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
NSS 7 days special winter camp at Kelgaon, Alandi Devachi, Pune	National Service Scheme	4	25
Tree Plantation	National Service Scheme	8	190
Swachh Bharat	National Service Scheme	7	145
Yoga Day	National Service Scheme	8	170
Say No to Plastics	National Service Scheme, Suman Ramesh Tulsiani Charitable Trust Mumbai, Suman Ramesh Tulsiani International School	20	250
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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
Qualified GATE 2019	GATE 2019	IIT	1
NPTEL Online course	NPTEL Certificate	NPTEL	5
Winner Kabbaddi	Moze Chashak-19, Pune	Genba Sopanrao Moze College of	5

		Engineering, Pune	
Weight Lifting Championship	Silver Gold Medals	National Weightlifting Championship	1
First Prize in Abhikalp 2018 Innovative Project Competition	Innovative Project Competition	Savitribai Phule Pune University Design Innovation Centre	2
1st Rank (Karate)	Karate Championship	20th Karate Championship-2019	1
Rowing Championship	National Championship	National Games 2018	1
Runner up in Racing Championship	Racing Championship	All India Racing Champion	19
Participated in Racing Championship	Racing Championship	Society of Automotive Engineers North Indian Section	15
Participation	National	SAEINDIA EFFICYCLE	12
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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 activites	Number of students participated in such activites
National Service Scheme (NSS)	SRTTC FOE National Service Scheme, MIT Academy of Engineering Alandi, Annasaheb Pawar College of Engineering Hadapsar Pune	NSS 7 days special winter camp at Kelgaon, Alandi Devachi, Pune	6	30
National Service Scheme (NSS)	SRTTC FOE National Service Scheme	Tree Plantation	8	190
National Service Scheme (NSS)	SRTTC FOE National Service Scheme	Swachh Bharat	7	145
National Service Scheme (NSS)	SRTTC FOE National Service Scheme	Yoga Day	8	170
National Service Scheme (NSS)	SRTTC FOE National Service Scheme, Suman Ramesh Tulsiani Charitable Trust Mumbai,	Say No to Plastics	20	250

Organised Blood Donation Camp at SRTTC FOE	NSS, SRTTC FOE	Organised Blood Donation Camp at SRTTC FOE	4	78
		Suman Ramesh Tulsiani International School		
Organised Blood Donation Camp at SRTTC FOE	NSS, SRTTC FOE	Organised Blood Donation Camp at SRTTC FOE	4	78
Voters awareness program at SRTTc FOE	NSS, SRTTC FOE	Voters awareness program at SRTTc FOE	8	50
Awareness program on Road safety at SRTTc FOE	NSS, SRTTC FOE	Awareness program on Road safety at SRTTc FOE	6	180
Awareness program E-Governance at Pandit Neharu Vidyala	NSS, SRTTC FOE	Awareness program E-Governance at Pandit Neharu Vidyala	3	10
Promoting Ecofriendly Ganeshotsawa	NSS, SRTTC FOE	Promoting Ecofriendly Ganeshotsawa	4	15
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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	45	Utitlization of Company Infrastructure	90
Final Year Project	9	Utitlization of Company and institute Infrastructure y Institute Infrastructure	365
Research Project submission	26	Utitlization of Institute Infrastructure	365
Interactive Workshop	6	Paid Leave	1
Faculty Development Programme participation	13	Paid Leave	1
Seminar participation at domestic level at domestic Level	10	Paid Leave	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	Indian Computer Technology	13/12/2018	02/02/2019	2
Internship	Internship	Spring Computing, Pune	13/12/2018	02/02/2019	2
Internship	Internship	MASS Technol ogies, Narhe Ambegaon	13/12/2018	02/02/2019	4
Internship	Internship	Chatur Ideas, Mumbai	26/11/2018	26/12/2018	3
Internship	Internship	Mark and Make Media, Shivajinagar , Pune	18/01/2019	20/03/2019	5
Internship	Internship	Inbality Tec hnologies, Pune	26/11/2018	20/12/2018	2
Internship	Internship	Dexciss Technology, Pune	07/01/2019	29/03/2019	1
Internship	Internship	Aegis Customer Support Services Pvt. Ltd., Mumbai	06/03/2019	30/06/2019	1
Internship	Internship	WERP India, Pune	09/02/2019	09/04/2019	2
Internship	Internship	Service4star tup, Mumbai	26/11/2019	26/12/2019	1
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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
M/s. Apoorva Kotkar Associates, Lonavala, Pune	18/04/2019	Internship	4
M/s. Apoorva Kotkar Associates,	18/04/2019	Site Visit	19

Lonavala, Pune			
Vighnaharta Constructions, Lonavala, Pune	18/04/2019	Internship	4
Suvishwa Developers Promoters, Wakad, Pune	18/04/2019	Internship	3
CAD Training Center Services, Aundh, Pune	17/06/2019	Guest Lecture	55
Software training Consultancy	28/08/2018	Expert Lecture	57
Profound, Pune	01/12/2019	Placement Assistance, Internship	5
Wisdom Sprout	31/05/2019	Internship	2
Wisdom Sprout	31/05/2019	Workshop	59
MiTU skillologies pune	21/09/2019	Workshop	64
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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
100	90

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
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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 Maangement software	Partially	3.0.0	2012
SLIM21- Library Maangement software	Partially	3.1.0	2013
SLIM21- Library Maangement software	Partially	3.2.0	2014
SLIM21- Library Maangement software	Partially	3.3.0	2015
SLIM21- Library Maangement software	Partially	3.4.0	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	6428	1076918	9	4455	6437	1081373
Reference Books	1361	623854	1	495	1362	624349
e-Books	11429	19470	0	0	11429	19470
Journals	31	103107	0	0	31	103107
e-Journals	308	19470	0	0	308	19470
Digital Database	3	19470	0	0	3	19470
CD & Video	36851	0	11	0	36862	0
Library Automation	1	18290	0	0	1	18290
Weeding (hard & soft)	244	104725	0	0	244	104725

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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
Prof. Bhushan A. Mahajan	Scala and pearl	geeksforgeeks	03/04/2019

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
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/
Quantative 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 incurredon maintenance of physical facilites
45.17	37.82	144.03	135

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	105	3766219.3
Financial Support from Other Sources			
a) National	Fees Concession by SRT charitable trust Prize Rewards by SRTTC	28	213293
b)International	0	0	0
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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
Soft Skills Training for SE Comp	20/08/2018	15	Prof. Anil Swami , Language Lab
Internship Day by AICTE and Internshala	25/08/2018	57	Prof. Anil Swami (Coordinator) , Internshala
Bridging between Academic and Current Industry	06/09/2019	89	Mr. Girish Manjaramkar, MD Accenture, Pune

Aspects			
Aptitude Test by Eleation	05/10/2018	110	Mr. Apoorva Bapat, Eleation
Personality Development	19/10/2018	78	Mr. Dhiraj Geadam, Space IT communication, CANADA
Soft Skills Training for SE Mech Civil	17/12/2018	47	Prof. Anil Swami , Language Lab
IDP (International Development Program) Counseling Session on the topic of "Study Abroad Opportunities for Higher Education in Canada , USA , Australia , UK , Ireland and New Zealand, and IELTS (International English Language Testing System. Standard	08/01/2019	66	Mr. Rahul Gayakwad IDP (International Development Program) , Pune
Campus to Corporate by Vijay Acharya	14/01/2019	62	Vijay Acharya
Career Opportunities and Placement Awarness Session by TPO Principal	16/01/2019	110	TPO Principal
Entrepreneurship Development Program (EDP)	24/01/2019	120	Prof. Anil Swami ,Language Lab
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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
2018	Bridging between Academic and Current Industry Aspects	0	89	0	58
2018	Personality Development	0	78	0	58

Year	Name				
	for BE				
2019	IDP (International Development Program) Counseling Session on the topic of "Study Abroad Opportunities for Higher Education in Canada , USA , Australia , UK , Ireland and New Zealand, and IELTS (International English Language Testing System. Standard	0	66	0	58
2019	AMCAT Training and Guidance on "Soft Skills & Aptitutde Skills"	0	66	0	58
2019	GD & PI Training and Practice Session for BE	0	43	0	43
2018	Eleation Training on " Intership and Placement Opportunity"	0	110	0	1
2019	"AWS Cloud Literacy Day."	0	78	0	25
2019	Employability Enhancement Program	0	46	0	46
2019	Soft Skills (CV & Resume Writing)	0	13	0	13
2019	Expert Talk on "Seed Maha IT Idol	0	13	0	13

"	

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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
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
3	80	4	52	145	54

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	SPPU	CIVIL	National Institute of technology Durgapur	M.Tech
2019	1	SPPU	CIVIL	Institute of Real Estate and Finance	PG in real estate construction and finance management
2019	1	SPPU	Computer	Audyogik Shikshan Mandal's Institute of Professional Studies, Pimpri, Pune	MBA
2019	1	SPPU	Mechanical	University of Michigan	MS
2019	1	SPPU	Mechanical	Oxford Brookes University	MS
2019	1	SPPU	Computer	iFEEL , Institute for Future eduaction Entrepreneurship and Leadership	PGDM

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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
Khelo India - Shivchatrapati sports complex Field Visit	National	60
Intra Sports 2018-19	Inter Department	230
09th National Voters Day Celebrations	Institute	26
Blood Donation Camp	Institute	60
Sheh Suman 2K19	Institute	100
Fun Fair	Institute	25
Traditional Day Celebration	Institute	48
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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
2018	Gold Medal in Khelo Karate All India Open Championship Balewadi	National	1	0	161069	Nalawade Abhishek0
2018	Silver Medal in 1st Maharashtra Champion Karate League	National	1	0	161069	Nalawade Abhishek
2019	First Rank women weight lifting Competition.	National	1	0	191043	Mrunali Bhong
2019	Power Lifting Bronze medal	National	1	0	191043	Mrunali Bhong

2019	Gold medal	National	1	0	191043	Mrunali Bhong
2019	Pune mayor trophy com petations Gold Medal	National	1	0	191043	Mrunali Bhong
2019	First Prize	National	0	1	141210	Umesh Goje
2019	Second Prize	National	0	1	141210	Umesh Goje
2019	Intra Sports Event 2019 Winner	National	1	0	172061	Shad Pansare
2019	Intra Sports Event 2019 Winner	National	1	0	151281	Swapnil Dhakol

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

For holistic development of the Institute, efforts are made by involving students in academic and administrative bodies/committees. The Student Council exists to enhance the overall graduation experience at the institute by promoting and conducting new programs which results in multidimensional growth of students. The main objective of the student council is to cultivate and enhance organizational skills among students which will results in their personality development. Student Council acts as a link between institute administration and students which provides opportunity for student community to express their ideas about institute and to recommend suggestions as per their expectations. Every year student council of the institute organizes intra-college and inter-college sports activities, various cultural activities which includes activities for social cause like blood donation camp, annual technical festival and deputes students to coordinate these activities. The sports coordinator ensures participation of maximum students in all types of sports activities organized by the institute and outside the institute. The technical coordinator ensures the maximum participation of students in various technical events and contributes to conduct technical workshop and events in institute. Institute has SAEINDIA Collegiate club through which students can participate in various SAE activities like SAEINDIA BAJA, TIFAN etc. Institute also has acultural club ALCHERA in which students can express their talent and can take part in cultural activities within the institute and other than institute. Student Council has a discipline committee which consists ofclass representatives from all branches in institute to ensure discipline in academics, co-curricular and extra- curricular activities.Institute provides opportunity for active participation of students in various academic and administrative activities by including them in various institutional committees like curriculum development committee Wherein students are allowed to express their academic requirements to be incorporated in the curricula.Their opinion about content, implementation, assessment and evaluation and result declaration is taken into account here before finalizing the curriculum. The important feature of the student council is involvement of the students in continuous assessment which is a part and mandatory requirement in the institute. This boosts the confidence among st the students about their capacity building and

brings transparency in evaluation process. Students have representation on Internal Quality Assurance Cell (IQAC) and College Development Committee (CDC) of the institute which sets the targets and benchmarks for the academic processes. Also, students have representation on departmental chapters, professional chapters, and various cells of the departments. These chapters and cells help to make the system more students centric. This approach ensures strong linkages between institute and students resulting in achievement of expected program outcomes. Student representation on Internal Complaint Committee (ICC) provides moral support to the students to raise their grievance, if any, and also brings transparency between institute and students with respect to the process adopted.

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 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:

102

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

6356

5.4.4 – Meetings/activities organized by Alumni Association :

1

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 headed 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 faculties focusing on implementation and 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 ICT based course

material, etc. These are reviewed by the concerned academic coordinator and HOD on regular basis. 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 to 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. Numerous activity conduction involves various committees of faculty members to facilitate whenever asked 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 every year and with active participation of the council: • Ranasangram – Organized intercollegiate sports event • Tantra Enigma- Organized intercollegiate technical event • Sneh-Suman-Annual Social

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
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. • A common 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.
Research and Development	The college from its inception has encouraged its faculty members to involve in research activity. • Paid leaves are provided for research activities such as national /

	international level conferences, seminars and workshops to faculties. • 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 and Scopus Indexed Journals. Also, project proposals were submitted to different funding agencies. • The following are the strategies adopted by the institute to keep up the research culture. Faculty members are encouraged to apply for funded projects by University, AICTE and DST,etc. Laboratories are updated with advanced facilities and computation facilities.
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 teachers in classrooms uses collar mike so as to be audible to entire class. The college has well equipped tutorials rooms for the discussion of assignment completion and Projects, seminar and also faculty can concentrate each of students for the empowerment of teaching learning process. All the laboratories are well equipped with latest equipment as per the curriculum decide by SPPU on timely basis and which are calibrated as per the norms. The 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 of virtual world by taking care of all the practical's run in the labs. We have developed our own system for conducting practical's in labs in such a way that student understand it in easier manner by

	taking care of all the levels of students. In our college we have developed Language Laboratory as per the norms given by AICTE for the improvement in students in terms of communication skill. We have also purchase "My Examo online test series to enhance capabilities of students for better performance in SPPU online exam. The college has developed well equipped workshop with all the latest machines. In SRTTCFOE we have given more concentration on Library development because Library is a heart of Teaching Learning Process .SRTTCFOE library having good number of books, journals magazines and e-resources as per the curriculum given SPPU. It has a semi-automated OPAC software system integrated with ERP. Library has well-furnished reading room with 24x7 Wi-Fi facility and Multimedia PCs. Book Bank scheme is also available to the economically meritorious students. Training Placement cell and Institute Industry interaction cell 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.
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.
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 internship in relevant industries of their domain. Every semester students are taken to industrial visits. Institute is having MoUs with few industries. The institute is having following activities • Industrial visits • Consultancy projects • Funded project in collaboration with industries. • Guest lectures by expert from industry • Inplant training and internship for students • Inplant training for faculty members • Industry sponsored final year projects.
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.
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.
Teaching and Learning	The institution follows the Outcome Based Education, which focuses on student-centric approach. • Curriculum is designed by Savitiribai Phule 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. • Internet facility for students and faculty for access to e-learning resources. • Aptitude and soft skill test are made available for students on institutional website for technical enhancement and the portal is designed by faculty members • Students 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 have Active NPTEL Centre and awarded for active SPOC. |

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

E-governace area	Details
Administration	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.
Finance and Accounts	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.The software helps to find fee due report of students.
Student Admission and Support	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 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 certificates also issue by this software. This student database also share by other modules of MIS.
Examination	Online Examination System developed to conduct Aptitude Technical test.
Planning and Development	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.

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
2018	SRTTC-FoE	Membership of Computer Society of India	Computer Society of India	7080
2018	Vidya Ganesh Shitole	One Day FDP on LP-2	D.Y. Patil COE, Akurdi	800
2018	Vidya Ganesh Shitole	One Day FDP on LP-4	D.Y. Patil COE, Pimpri	1100
2018	Shital Anandrao Patil	Three days FDP on LP-I	MIT,COE Kothrud	800
2018	Shital Anandrao Patil	One Day FDP on AIR	PCCOE, Akurdi	1200
2018	S.S.Ajnalkar	NCETME - 2019 at VIT	Vishwakarma Institute of Technology, Upper Indiranagar, Bibwewadi, Pune,	250
2018	S.S.Ajnalkar	Two Days Workshop on "Introduction to Robotics" at IIT Bombay	IIT Bombay	500
2018	Dnyaneshwar V. Kudande	Two Days Workshop on "Introduction to Robotics" at IIT Bombay	IIT Bombay	500
2018	Suhas A. Magdum	Two Days Workshop on "Introduction to Robotics" at IIT Bombay	IIT Bombay	500
2018	Anup A. Kawathekar	Two Days Workshop on "Introduction to Robotics" at IIT Bombay	IIT Bombay	500
[View File](#)				

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)
2019	Seminar on Python		25/03/2019	25/03/2019	7	0
2019	One day workshop on LATEX		26/03/2019	26/03/2019	2	0
2018	A two days training for CNC Lathe Trainer Machine at SRTTC Workshop		29/06/2018	30/06/2018	5	6
2018	Seminar on Artificial Intelligence and Robotics(AIR)		12/09/2018	12/09/2018	7	0
2018	One day workshop on Big Data and Hadoop		21/09/2018	21/09/2018	4	0
2018	One day workshop on Software Testing (Selenium)		29/09/2018	29/09/2018	5	0
2019	One day workshop on Internet of Thing		05/02/2019	05/02/2019	7	0
2019	One day workshop on Virtualization and Hands on Training of AWS		15/02/2019	15/02/2019	4	0
2019	One day workshop on Cyber		15/02/2019	15/02/2019	3	0

| | | Security | | | | | |

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
Emerging Trends in Indian Literature	1	15/02/2019	15/02/2019	1
Bridge 2019-Pune	1	27/03/2019	27/03/2019	1
NPTEL Semiconductor optoelectronics	1	02/01/2019	02/01/2019	1
NPTEL Soft Skills For Business Negotiations and Marketing Strategies	1	02/01/2019	02/01/2019	1
NPTEL Descriptive statistics with R software	1	15/02/2019	15/02/2019	1
NPTEL "Introduction to Industry 4.0 and Industrial Internet of Things" (12 weeks)	1	01/04/2019	01/04/2019	1
NPTEL "Big Data Computing" (8 Week)	1	01/04/2019	01/04/2019	1
AWS Educator Meet 2019"	2	26/03/2019	26/03/2019	1
One day workshop on Scilab by IIT Bombay	3	05/04/2019	05/04/2019	1
IIT Bombay organized massive blended workshop on Python	2	22/06/2019	22/06/2019	1

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching	Non-teaching

Permanent	Full Time	Permanent	Full Time
5	30	0	16

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
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 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.	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.	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 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
Santosh Khandelwal, Founder director, Lalita Construction, Lonavala	6000	Sponsorship for the prizes to winners of Model Making Compitition

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6.4.3 – Total corpus fund generated

548991381.00

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	BSI India and Vishwarkarma Institutes	Yes	IQAC
Administrative	Yes	BSI India and Vishwarkarma Institutes	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	Academic and Administration Review by Management Review Committee (MRC) Meeting	03/01/2019	04/01/2019	04/01/2019	20
2019	Administration Staff quality enhancement through training	03/05/2019	20/06/2019	20/06/2019	12
2019	Academic enhancement through Internal IQAC Audit	25/02/2019	25/02/2019	25/02/2019	408
2019	Academic enhancement through Internal IQAC Audit	30/04/2019	08/05/2019	08/05/2019	408
2018	Quality enhancement through NAAC Accreditation	01/08/2018	03/08/2018	03/08/2018	408
2018	Academic enhancement through IQAC Audit by AIT, Pune	28/08/2018	29/08/2018	29/08/2018	408
2018	Promotion for Co-curricular, Extra-Curricular activities and Enrichment of faculty and students	13/06/2018	15/06/2018	15/06/2018	408

| 2018 | Modification of quality management system (ISO) | 04/06/2018 | 15/06/2018 | 15/06/2018 | 12 |

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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
Blood Donation Camp	01/10/2018	01/10/2018	3	74
National Unity Day Celebration	31/10/2018	31/10/2018	10	20
International Yoga Day	21/06/2019	21/06/2019	31	119
National Voter's Day Celebrations	25/01/2019	25/01/2019	10	50
Sheh Suman 2K19	31/01/2019	31/01/2019	29	120
Fun Fair	29/01/2019	29/01/2019	6	19
Traditional celebration	28/01/2019	28/01/2019	17	31
One day workshop on stress management for employee	16/08/2018	16/08/2018	13	20
Final year projects	01/07/2018	31/05/2019	22	174

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	437
Provision for lift	Yes	482
Ramp/Rails	Yes	482
Braille Software/facilities	No	0
Rest Rooms	Yes	471
Scribes for examination	Yes	0

Any other similar facility	Yes	1

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
2018	3	8	30/07/2018	01	Research and Innovation activity-	Information sharing to local community regarding E governance	17
2018	3	8	31/10/2018	01	Awareness program	Road safety awareness	180
2019	3	8	10/04/2019	01	Conducted Guest Lecture on Microprocessor at d. Y. Patil School of Engineering, Ambi	Sharing of knowledge to needy people to enhance their knowledge	34
2019	3	8	07/01/2019	07	Residential Camp	Develop among themselves a sense of social and civic responsibility	26
2018	3	8	15/08/2018	01	Tree Plantation	To restore native forests around village to protect water supplies	21
2018	3	8	15/06/2018	365	Transport facility	To manage student timing and	102

						promote safety.	
2018	3	8	01/10/2018	01	Blood Donation Camp	To help needy	77
2018	3	8	29/09/2018	01	Fund raising for victims of natural disaster	Help Victims	125
2018	3	8	15/06/2018	365	Transport facility	To manage student timing and promote safety.	102
2018	3	8	15/06/2018	365	Food and canteen facility	To reduce the risk of food borne illness, with proper sanitary conditions	460

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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 faculty	02/07/2018	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 faculty includes issues related to Rules and Regulation, Harassment and Discrimination, Confidential Information,

			Assets of Institute and Information and Communication Technology. In short, faculty members at the institute recognize and abide by their respective disciplines ethical guidelines with respect to actively avoiding dual relationships and conflicts of interests. For more details, please visit http://www.srttc.ac .in/Governance.html
Code of conduct for student	02/07/2018		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 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 For more details, please visit http://www.s rttc.ac.in/Governance.htm l
Code of conduct and service rule	02/07/2018		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 For more details, please visit http://www.srttc.ac.in/Governance.html

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Promoting Ecofriendly Ganeshotsawa	01/09/2018	01/09/2018	16
Voters Awareness Program	25/01/2019	25/01/2019	60
International Yoga Day celebration	26/06/2019	26/06/2019	150
Chhatrapati Shivaji Maharaj Jayanti Celebrations	20/02/2019	20/02/2019	170
Republic Day	26/01/2019	26/01/2019	31
Guru pournima Celebration	26/07/2018	26/07/2018	27
Program on Stress Handling and Power of Motivation and Positivity	16/08/2018	16/08/2018	33
Independence Day	15/08/2018	15/08/2018	29
Fund Raising for kerala Victims	29/09/2018	29/09/2018	125
National Unity Day celebration	31/10/2018	31/10/2018	30
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

The institute has started replacing conventional lighting devices with CFLs and

LED'S, to ensure the conservation of energy
The institute has a rainwater harvesting unit that collects water from a rooftop area of about 600 m2.
The institute conducts tree plantation every year and is a green campus in reality.
The institute has a solar lighting system in the campus of on-grid 62KW capacity
Maximum student and staff are encouraged to use public transport to reach college
Every student and staff of institute has institute domain email id and all circular and notices are circulated through same to avoid paper use
Awareness is brought in students through display boards regarding minimizing use of plastic

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. E-Governance in Administrative and Academic Work For an 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 traveling physically. Through a single login, students can apply for multiple test series without filling the same information again and again. The use of E-Governance reduces most of the paper works so that it becomes eco-friendly. • The Developing Library Network (DELNET) -collect, store, and disseminate information from member libraries. • Wireless Campus (Wi-Cam) -Our Wireless campus (Wi-Cam) - Solution offers an innovative, holistic approach to campus communications that take advantage of emerging technologies. • Learning Management system (LMS) - LMS has become popular amongst educationists because of its strengths and advantages provide better access to educational resources from outside the institution on a global and instant basis. • E-Learning -Increased and flexible interaction with the student through domain e-mail and discussion forums. • Online Examination - Online Aptitude Test and Subjective Test for competitive exams like Gate open for 24 x 7 for all students. 2. Flipped Class Room Teaching It is effective teaching-learning process to comprehend the theory of Engineering stream and syllabus and to correlate the same to real-world problems. A flipped classroom is an instructional approach and a kind of merged education process that reverses the conventional education atmosphere by carrying instructional content using PPTs, Videos, and Images in the classroom. In a flipped classroom, all students of engineering are working together with each other, team up in classroom debate, or carry out the study at home while engaging in concepts in the classroom with the supervision of an adviser. • It is an interactive learning process. • Students prepared PowerPoint presentations as teaching to explain the concepts to their peers in the classroom. • The spirit of exchange of ideas is inculcated. The leadership spirit can be observed. • The learning process became effective because of students participation. • The reading habit of students is enhanced thereby moving towards self-study. • The confidence is built up for the presentation in their academic years. 3. Promotion of Swayam NPTEL courses as an online Learning tool: Swayam-NPTEL portal presented free open online courses along with a certification in various engineering branches, sciences, humanities, management and research that gives appropriate experience to tools and technologies. This facilitates flexibility for engineers to prioritize the time and work at one's own pace. In order to gain in-depth knowledge and mastery learning of various components of the curriculum, the students and faculty can opt for courses from the same or interdisciplinary courses. In the light of the ever-changing world of

information and skill, faculties and students need to update them. The modular formation of these courses is learner-friendly and enables participants to move smoothly along the spiral of education. Objectives of the Practice • To enable students and faculty to gain advanced technological and subject-specific knowledge • To encourage students and faculty to study value-added courses from IITs and IISc and IIMs Professors • To facilitate incorporation of reading materials and videos to enhance knowledge • To promote continuous professional development through self and life-long learning • To impart life skills, develop personality and communication skills. • To enhance networking opportunities Suman Ramesh Tulsiani Technical Campus - Faculty of Engineering had setup NPTEL Local Chapter on 17/02/2017 with a motive to enable the faculty and students to study advance knowledge through enhanced technological learning. Prof Bhavesh Shah, Assistant Professor, Department of Computer engineering started the Local chapter and participated in the SPOC workshop held at IIT Mumbai. The faculty members and students were briefed and motivated to join the NPTEL courses. Every student and faculty were asked about their interest regarding courses either related to the department or in the new field. Many faculty members enrolled in various courses pertaining to Engineering, Humanities and inter-disciplinary. The special provision is made for students to listen and solve assignments in a computer center that helped them to upgrade their knowledge and evaluate themselves through weekly assignments. The faculty members utilized the video lectures and contents of NPTEL courses as additional material for teaching the students. The computer center has been equipped with NPTEL online videos for easy accessibility to the students and faculty. Evidence of Success: In June- October 2018- total of 241 candidates were registered for the course whereas, in Jan-April 2019, a total of 242 candidates were registered 4. Motivational Lecture by Placed students: Placed students of institute will deliver their success story to their junior. It will help to students for preparation for aptitude and technical questions asked during scrutiny processes. Also it helps to students for building their confidence and personality. 5. Cross classroom lecture (Guest lecture) by internal faculties: To create more interest in subject, Subject in charge will planed guest lecture of our internal faculty. It will helpful to students to learn new latest technologies or new methodologies related to subject 6. College to Corporate Sessions: A "College to Corporate" is sessions can be organized for final year students to prepare them for industries and aware them from corporate culture. This includes: • Time Management, Planning and Prioritization • Attitude, Verbal and Nonverbal Skills • Effective Communication Skills • Group Discussion and Team Building Skills • Etiquette and Interview Skills 7. Group discussion tournament Many skills like leadership, critical thinking, listening skills, confidence, the capability to co-ordinate, Knowledge potential, Body language, presence of mind, reasoning ability etc are associated with GD. And this is the reason why GD is included in recruitment process by many companies 8. Framing of Students charter The Institute has framed Students charter enlisting various services / Certificate issued by Institute along with time frame for issuance and escalation mechanism also been kept in the system to report in case the services in time in time with Mail Alert. 9. Student Mentoring Institute has an effective Mentor-Mentee Scheme (MMS) to provide academic, co-curricular and extracurricular counseling to students on a regular intervals. The main objective of the above activity is to identify weakness/strength of students and provide them counseling accordingly for their progress. The institute has appointed Associate Dean (Student development) with sole objective to focus on students' supports and progression. Student mentoring activities involve meeting with Mentor and Mentee which helps to solve their technical, Non-technical, and College level issues

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

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 management, governing body and staff of SRTTC FOE is committed to vision and mission of the institute. All members of the institute always strive to impart quality technical education to fulfill the need of society, globally, through continual improvement. Since the institute is located in the rural region of Pune district, it is important to be a mediator of knowledge and technology. In 2018-19, all members of the institute have discussed current issues, situations and found that plastic bags are used widely in Maharashtra state therefore it should be stopped to prevent pollution and other problems which it creates. The campaign was initiated and is aimed at preventing diseases which are transferred via such bags and to control pollution in the state. In 2018-19, in second half of semester, Faculties and staff were divided into number of groups and they visited different areas and convinced students regarding use cotton and paper bags instead of plastic ones. With the great vision of SRTCT management and commitment towards sustainable development, More than 5000 bags were distributed free of cost in school and colleges covering the utmost part of the state. During the visit to schools/colleges, power pint presentation and current plastic pollution were discussed briefly with students and students were asked to chant Say no to a plastic slogan. At the end of the seminar, a pledge regarding their commitment towards a plastic-free environment was taken. Another initiative of the institute is an organization of residential camp in the rural areas to understand root level problem faced by villagers and provide them techno-economical solution regarding problem. Every year, Institute identify such village and provide the service for one week. In 2018-19, the institute selected Kashal village near Lonavala for conducting an activity. During the 7-day Residential Camp organized at village Kaushal, rural area of Pune, Maharashtra, volunteers identified a major problem in village as improper disposal of domestic waste water causing bad odour, mosquito formation, bad aesthetic view and unhygienic conditions resulting ground water contamination. To find out environment friendly and economical solution to this problem volunteers made village survey and determine population of village, daily water demand and waste water generated on a daily basis. After that volunteers made the physic-chemical analysis of collected wastewater samples. At the end of the study, volunteers came to the conclusion that the soak pit can be the most favorable solution to this wastewater disposal. Students designed 3 different soak pits for 3 different sites of wastewater discharge which can avoid /minimize above mentioned problems of the village.

Provide the weblink of the institution
http://www.srttc.ac.in/Institutional_Distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

• More focus on increasing Industry Institute Interaction Interaction with industry is important as it bridges the gap between academics and industry needs. Institute is having entrepreneurship development cell to shape new idea. Institute planed 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 planed 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 increase placement. For aptitude and technical enhancement of students 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). The institute is accredited by NAAC with B grade in 2018. It has well furnished laboratories and library with multimedia facilities. The institute has planned to increase intake for programmes such as B.Sc. (Regular), M.Sc. (Mathematics) and M. Sc. (Environmental Science) under School of Science and Technology. Institute also planned to start MBA, BBA and DCHMLT programmes. • 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 in SCI Journals. Permanent affiliation of University SRTTC has ample infrastructure and supporting facilities and awarded with an ISO certification for ISO 9001:2015 QMS (Certificate Reg. No. 85 100 001 19120). The institute also got accredited by NAAC with B grade in 2018. The institute is preparing for permanent affiliation of affiliated university. To develop recent technologies amongst students to fulfil today's industry need. The institute is focusing to increase industry institute interaction for identifying the gap between curriculum and industry needs. The institute has Industry advisory boards in all departments and planed to add new industry experts every year. With the help of these initiatives institute identifies industrial needs which is not addressed by the current university curriculum. Institute has proposed skill development trainings to develop recent technologies among students to fulfill 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 social activities such as blood donation camp