Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**SIR VISVESVARAYA INSTITUTE OF TECHNOLOGY, CHINHOLI, NASHIK**
Name of the head of the Institution	**Dr.Y. R.Kharde**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02551-271278**
Mobile no.	**9423787452**
Registered Email	**svit.nashik@pravara.in**
Alternate Email	**principal.svit@pravara.in**
Address	**At Post: Chincholi, Tal :Sinnar, Dist: Nashik**
City/Town	**Sinnar, Nashik**
State/UT	**Maharashtra**
Pincode	**422102**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr. Rajendrakumar Marutrao Abhang**
Phone no/Alternate Phone no.	**02551271278**
Mobile no.	**9604763202**
Registered Email	**iqac.svit@pravara.in**
Alternate Email	**rajendrakumar.abhang@pravara.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	**www.svitnashik.in**

4. Whether Academic Calendar prepared during the year

Yes

if yes,whether it is uploaded in the institutional website: Weblink :	http://www.svitnashik.in/NAAC/2018_19_Academic_Calender.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B+**	**2.66**	**2019**	**01-May-2019**	**30-Apr-2024**

6. Date of Establishment of IQAC

06-Sep-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
Internship for students	**01-Jun-2019** **15**	**99**

Induction program for first Year students	31-Jul-2018 07	178
Academic Audit (per Semester)	07-Aug-2018 02	92
Workshop organized by E & TC department on	17-Jan-2019 02	82
National level Conference organized by computer department on	12-Feb-2019 02	184
FDP organized: 1.Design & Analysis of Process equipment using computational tools 2. PLC SCADA & MATLAB Simulation 3. Machine Learning & IOT	17-Dec-2018 05	129
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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
Dr. B.L. Pangarkar	Research Project	SPPU, Pune	2017 730	250000
Prof. U.V. Patil E & TC Department, SVIT, Nashik	QIP (State Level Workshop)	SPPU, Pune	2018 02	100000
Prof. K.N. Shedge Computer Engineering Department	QIP (National Level Workshop)	SPPU Pune	2018 01	194000
Mechanical Engineering Department	Research Project (Students Project)	Pravara Rural Education Society Loni, Ahmednagar	2018 365	34262
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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 :	**3**
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)

? Organization of National and State level conference FDPs. and Submission of minor/major research proposals to various funding agencies.

? Implemented academic & administrative audit.

? Technical training, Aptitude & Skill based learning implemented in the academic calendar.

? Promoting all faculties to become a membership of professional bodies like IICHE, CSI, IETE, ISME, CMA & ISTE.

? Promotion of collaborations and Linkages by signing MOUs with Industries.

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

Plan of Action	Achivements/Outcomes
Extension /Social Activities	**Promote extension and social activities like Tree Plantation, Blood donation camps, NSS foundation National Unity Day,Youth Vision for New India etc**
e.Other: Implemented SOP in the institute	**For smooth conducted of all academic & administrative activities.**
Attainment & CO-PO & PEO mapping	**Attainment calculated for Continuous internal Evaluation (CIE) for all the subjects.**
d.Teaching Learning: Academic book	**Academic book provided/ Displayed on website for all students of all branches.**
Organizing seminars and conference	**One national conference organized**
c. Research: Promotion of collaborations and Linkages by signing MOUs with Industries.	**Faculties & Students gets benefitted to enhance to do their research work, projects etc. Also conducted industrial visits, expert lectures, seminars & other activities for skill**
Seminar Halls	**03 seminar halls developed with good infrastructure.**

b. Infrastructure: ICT facilities	All class room provided LCD projector for teaching
Promoting all faculties to become a membership of professional bodies	Enhanced & share knowledge among the faculties
a. Academic: Preplanned academic calendar and activity calendar implemented in the department and institute.	Schedules activities events conducted as per plan
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Governing Body	19-Jan-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	**11-Apr-2019**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2019**
Date of Submission	**02-Mar-2019**
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)	**We have MIS system at central level under Pravara Rural Education Society, Pravaranagar, Loni and implemented at Sir Visvesvaraya Institute of Technology, Sinnar for systematically organize information related to the management of educational development. A versatile MIS designed based cloud Technologies it provides efficiency and effectiveness in strategic decision making concerning for promotion and use of information for policy planning and implementation, monitoring and evaluation of an education system and various activities. In this MIS system following modules is effectively used at various sections of organization. Academic Module: Attendance management System: To facilitate students to**

access attendance information of a particular student in particular class. To evaluating attendance eligibility criteria of students. Online examination: It is used to conduct online objective examination for students. Feedback Management: To assess student's response for teaching, academic events, college library, laboratory facilities, internet facilities etc. Also to assess the students response towards institute facilities. It will give support to improve the quality of teaching and other facilities and has the additional benefits for development of institute. Learning material distribution: It is used for managing and distributing notes among students. In this module faculties can upload notes in format of PDF, Excel, Word, Images and Presentations of their respective subjects for particular classes by using facultys dashboard and then students can download that notes from their own dashboard. Syllabus coverage system: It facilitates to access the syllabus coverage information of a particular subject or all subjects and faculties allotted particular class. Teacher Guardian: Teacher Guardian system is a digital helping hand to the daytoday tasks performed by mentor. Coordinating parent meetings, student meetings. Result Analysis system: Generation of collated reports like academic year wise, branch wise, backlog histories. Individual reports of subjects, faculties, number of backlogs per student and similar others can be generated. E notice: Notices can be sent by SMS or Emails to students as well as Faculty Members. Administrative Office Modules: Faculty Information system: Faculty Information System maintains all faculty related data to view, review, recommend and submit to authorities. Adding and viewing various accomplishments: research project, publications, training, workshops done, patents/copyrights registered Work experience details: Subjects taught in the past, seminars/conferences attended, faculty feedback details All documents in a single place. Students Information System: The Student Information Management System is a student level data collection system

that allows the department to collect and analyze more accurate and comprehensive information, to meet federal and state reporting requirements, and to inform policy and programmatic decisions Students portal: The Student Portal and the mobile application are both designed with the motive of serving as a strong cohesion between the students and the college administration or the faculties. Mobile Applications: • Mobile App foe students • Mobile App for Faculty • Mobile app for principal All academic and administrative activities are carried out smoothly and facilitate students, stake holders, faculties and management.

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

Being the affiliated institute, the institute implements the curriculum prescribed by Savitribai Phule Pune University, Pune (SPPU). For effective implementation of the curriculum, the following process is developed and deployed. SPPU notifies academic calendar before the commencement of every academic year. Principal of the college conducts meetings with the various department heads to develop strategies for effective implementation of the curriculum. Referring university calendar, Dean academic prepares institute academic calendar including curricular and co-curricular activities.Accordingly Heads of the Department(HOD) prepares activity calendar of their department and department time table is prepared and display it on notice boards. The teaching and laboratory plans are approved by HOD before the start of semester and communicated to students by respective course teacher. Department publishes academic book on college website for additional information to the students. The College encourages its faculty members to participate in Orientation/Refresher Courses/ Workshops/ Seminars organized by the University so as to update their knowledge and to improve the teaching practices. The college provides ample books and other teaching and reference materials like journals, magazines, teaching models, ICT tools and software to enable its teachers to ensure effective delivery of curriculum. Bridge courses are organized for the first year students and lateral entry students to help them understand basic concepts of Mathematics and Engineering and mentally strengthen them to face the challenges of new course work. Slow learners are identified based on entry level marks. Group of 15-20 students are assigned one staff as a mentor for personal guidance under Teacher-Guardian Scheme. Teaching learning is made student centric by employing techniques such as assignments, peer learning, group discussion, printed lab manual, previous year question papers, brain storming, use of NPTL lectures etc. Daily attendance of student is monitored by class teachers. SMS/letters are sent to parents for frequently absenteesem of particular student. Unit test are conducted during each semester. continuous assessment is done on regular basis. Based on parameters such as attendance, continuous assessment, class test marks, student evaluation

is done in two categories: slow learners and peak learners. Parent meet is conducted in each semester to discuss progress of their ward and to welcome suggestions for improvement. Syllabus completion review is conducted at the end of every month and corrective measures are taken in Principal meeting. Student feedback (Online) is also taken during mid semester and suggestion are implemented accordingly. Academic flexibility is provided to the student by paying personal attention. Extra lectures are conducted for slow learners and advanced learners are encouraged to refer journals, to give seminar on advanced topic, to participate in project completion.Industry persons are invited as an expert lecture to bridge the gap between industry and academia. Also students are encouraged to visit nearby industry to learn more.Students also participate in extracurricular activities, Sport, cultural etc. Views of experts from industry, academia and alumni on curriculum are taken regularly. Feedback from industry and alumni is given due importance in defining graduate attributes and design of course outcomes.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Course on JAVA language by spoken Tutorial project, IIT Bombay	-	13/08/2018	30	employability	22 students of Computer Engineering enhanced JAVA languageskill
Course on C and C by spoken Tutorial project, IIT Bombay	-	13/08/2018	30	employability	30 students of ElectricalEngineering enhanced c,C languageskill
Course on Scilab by spoken Tutorial project, IIT Bombay	-	13/08/2018	30	employability	50 students of ElectricalEngineering enhanced Scilab languageskill
Course on Ardiuno by spoken Tutorial project, IIT Bombay	-	13/08/2018	30	employability	10students of ETC Engineering enhanced Ardiuno languageskill
Course on LaTex by spoken Tutorial project, IIT Bombay	-	13/08/2018	30	employability	19 students of ETC Engineering enhanced Latex skill
Course on C by spoken	-	13/08/2018	30	employability	16 students of

Tutorial project, IIT Bombay					ETC Engineering enhanced C-language skill
Course on CPP by spoken Tutorial project, IIT Bombay	-	13/08/2018	30	employability	16 students of ETC Engineering enhanced CPP skill
Course on JAVA	-	13/08/2018	30	employability	28 students of IT Engineering enhanced JAVA languageskill
Course on PHP MySQL	-	13/08/2018	30	employability	26students of IT Engineering enhanced PHP languageskill
Course on Arduino	-	13/08/2018	30	Employability	08 students of IT Engineering enhanced Arduino languageskill
Qcad, training course by Spoken tutorial project by IIT Bombay	-	13/08/2018	30	Employability	87 students of IT Engineering enhanced Qcad languageskill
Python, training course by Spoken tutorial project by IIT Bombay	-	13/08/2018	30	Employability	09 students of Mechanical Engineering enhanced Python languageskill
Openfoam, training course by Spoken tutorial project by IIT Bombay	-	13/08/2018	30	Employability	24 students of Mechanical Engineering enhanced Open Foam languageskill
Course on DWSIM by spoken Tutorial	-	13/08/2018	30	employability	24 students of chemical Engineering

Course		Date	Number		Beneficiaries
project, IIT Bombay					enhanced DWSIM skill
Course on Scilab by spoken Tutorial project, IIT Bombay	-	13/08/2018	30	employability	18 students of chemical Engineering enhanced Scilab skill
Course on Latex by spoken Tutorial project, IIT Bombay	-	13/08/2018	30	employability	05 students of chemical Engineering enhanced Latex skill
Course on C language by spoken Tutorial project, IIT Bombay	-	13/08/2018	30	employability	30 students of Computer Engineering enhanced c-languageskill
Course on C language by spoken Tutorial project, IIT Bombay	-	13/08/2018	30	employability	19students of Computer Engineering enhanced clanguageskill
Course on Advance C language by spoken Tutorial project, IIT Bombay	-	13/08/2018	30	employability	30 students of Computer Engineering enhanced clanguageskill

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	Mechanical Engineering 512561210-(Energy Engineering (402047)	15/06/2018
BE	Mechanical Engineering 512561210-(Hydraulics & Pneumatics (402041)	15/06/2018
BE	Electrical Engineering(Electric and Hybrid Vehicles (403144)	15/06/2018
[View File](#)		

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

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Chemical Engineering	15/06/2018

BE	Computer Engineering	15/06/2018
BE	Electrical Engineering	15/06/2018
BE	Electronics and telecommunication Engineering	15/06/2018
BE	Information Technology	15/06/2018
BE	Mechanical Engineering	15/06/2018
ME	Design Engineering	15/06/2018
ME	Computer Engineering	15/06/2018
ME	VLSI and Embedded System	15/06/2018
MBA	Human Resources, Finance	15/06/2018

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

	Certificate	Diploma Course
Number of Students	322	Nil

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
AutoCAD	17/12/2018	102
	View File	

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Chemical Enginerring	118
BE	Computer Engineerin	34
BE	Electrical Engineering	12
BE	Electronics and Telecommunication Engineering	16
BE	Information Technology	9
BE	Mechanical Engineering	62
MBA	Master of Bussiness Administration	34
	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
Feedback forms are designed for the stakeholders such as Students, Teachers, Employers, Alumni and Parents feedback. From these feedback we are able to make out whether the proper teaching learning process is in place or not. Also, this process enables the institute to improve in the areas wherever necessary. Monthly students feedback is taken through online process for the respective course on various teaching/learning aspects and it is analyzed by the HODs and corrective measures if any, are informed to the respective faculties for further improvements. Feedback about the infrastructural facilities is taken from the final year students at the end of the program for improving the laboratory facilities, amenities, if any. The feedback so obtained is analyzed and forwarded to Head of the institute or Administrative officer for further discussion with management for necessary action. Monthly feedback from the students are taken for their suggestions in improving the curriculum.The set parameters are Academic content, Coverage of modern/advanced topics, Coverage of the syllabus in classroom, rate the sequence of the subjects that you have studied, rate the relevance of units in syllabus relevant to course, rate the sequence of the units in the course, rating about the evaluation scheme designed for each of the course, rating about the courses that learnt in relation to your real life application, availability of text books/study materials,Industrial visits conducted,usefulness of tests and assignments,benefits derived from the course. This feedback is taken from all students in order to analyses and implement as per their needs. Feedback from teachers is also taken for their suggestions in syllabus revision.This is a feedback is based on subject knowledge, expression, teaching aids used, methodology etc. which is analyzed by our management for taking appropriate decisions for improving the infrastructure and also quality of teachers. Alumni meet is conducted once in a year and alumni are invited throughout the year for expert lectures and their feedback is taken for suggestions or improvements in the curriculum. The alumni feedback is taken from all students based on college infrastructure and laboratory facilities,college campus cleanliness,alumni Association/ alumni network. Faculty rate the courses that have learnt in relation to real life applications, benefits derived from the course and overall learning environment. Parents meet is conducted once in each semester and feedback from the parents are taken for the parameters like general discipline,involvement with students,teaching quality wards performance,overall Development,involvement in extra activities etc.yearly feedback from employers were taken and is shared with the final year students of the institute for the further improvement. All stakeholders feedback are received on 4-point scale, such as excellent,good, satisfactory and poor. All received feedback are above satisfactory level. The analyzed feedback is bring notice to the Principal/ management for taking appropriate decisions. Based on the above feedback and suggestions received we take corrective actions to complete the loop.

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
ME	Computer Engineering	24	4	4
MBA	MBA	60	60	60

BE	Mechanical Engineering	120	49	45
BE	Computer Engineering	60	60	54
BE	Chemical Engineering	60	60	36
BE	Electrical Engineering	60	23	18
BE	Electronics and Telecommunication	60	12	12
BE	Information Technology	60	41	40
ME	VLSI Design and Embeded System	24	1	1
ME	Design Engineering	18	1	1

[View File](#)

2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1269	112	79	15	94

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
94	94	3	19	Nill	5

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

YES. Institute has implemented mentoring scheme effectively. A group of 20 students are assigned one faculty as a mentor to take their academic progress review fortnightly. Apart from this class teachers, heads of department, principal, counselor are part of the institute to counsel and mentoring the students for their overall developments through experimental learning, participative learning and problem solving methodology. Experimental leaning includes demonstration of experimental procedure in a group of 5 students (i.e. dividing practical batches of 20 students into 04 group). Students are motivated to perform experiments individually and also to perform extra practicals apart from syllabus for extra learning. Brain storming sessions, Stress management, mini projects competition, paper presentation, industrial visits are arranged to get hands on experience. Students are encouraged for participative learning. Institute organizes technical events to bring out the potential of the students. Students are encourages to undertake industry sponsored projects as well as

implant training. Faculty and students are motivated to participate in technical paper presentation, seminar, conferences and project competition and exhibitions. Problem solving methodology includes to assign particular task for a group of students to complete it in certain time such as assembling and disassembling various types equipments to develop algorithms etc.. students repairs the equipments and service for hands on practicals. Group discussion sessions are organized to come out with solution on particular issues. Soft skill training, aptitude, GATE coaching has been organized regularly to improve students communication and technical skills required for placements.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1269	94	14:1

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
106	94	12	Nill	10

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	NIL	Assistant Professor	NIL
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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
ME	512538810	I	12/12/2018	18/03/2019
ME	512538810	II	23/05/2019	14/08/2019
ME	512560110	II	23/05/2019	14/08/2019
ME	512524510	II	23/05/2019	14/08/2019
BE	512561210	II	25/04/2019	22/07/2019
BE	512524610	II	25/04/2019	22/07/2019
BE	512537210	II	25/04/2019	22/07/2019
BE	512529310	II	25/04/2019	22/07/2019
BE	512524510	II	25/04/2019	22/07/2019
BE	512550710	II	25/04/2019	22/07/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Formative assessment is adopted to measure students' performance during the course and used to provide feedback to the students for improvement. Ensuring

attendance and interaction in classroom and laboratory throughout the semester. Continuous assessment of student's performance in the laboratory will be checked by subject teacher by completion of each and every practical. Students performs practical in week and next week practical assessment are checked by respective subject teacher on regular basis. Conduction of class tests are done for theory subjects after completion on two unites. Tutorials and Assessment are given after completion of each unit of subject. Industrial visits, workshop and seminar are organized for students on regular basis to improve the skills of students. Institute also conducts separate examination for the absentees in case if any one is a meritorious student or participating in national and state level sports or if someone is very sick based on medical grounds so that their percentage should not hampered. Institute insists extensive use of online-content and NPTEL and other video lectures to support the class room teaching. Comprehensive individual assignments are practiced and students need to present the assignment before submission. Seminars, technical paper presentation and mini-projects are introduced in the curriculum to make the environment activity based. To refine the critical thinking among students, various group discussions, debates, seminars, workshops etc., are organized in which students explore new ideas and thus enhances their performance levels. Summative assessment is adopted to measure students' performance during each semester by means of following examinations conducted by the university. (i)Online and In-semester examination (ii)End-semester theory examination (iii)Practical and Oral examination for lab courses (iv)Presentation, demonstration and viva for Project work (v)Presentation and viva for seminar

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

Being the affiliated institute, the institute implements the curriculum prescribed by Savitribai Phule Pune University, Pune (SPPU). For effective implementation of the curriculum, the following process is developed and deployed. SPPU notifies academic calendar before the commencement of every academic year. Principal of the college conducts meetings with the various department heads to develop strategies for effective implementation of the curriculum. Referring university calendar, Dean academic prepares institute academic calendar including curricular and co-curricular activities. Accordingly Heads of the Department(HOD) prepares activity calendar of their department and department time table is prepared and display it on notice boards. The teaching and laboratory plans are approved by HOD before the start of semester and communicated to students by respective course teacher. Department publishes academic book on college website for additional information to the students. The College encourages its faculty members to participate in Orientation/Refresher Courses/ Workshops/ Seminars organized by the University so as to update their knowledge and to improve the teaching practices. The college provides ample books and other teaching and reference materials like journals, magazines, teaching models, ICT tools and software to enable its teachers to ensure effective delivery of curriculum. Bridge courses are organized for the first year students and lateral entry students to help them understand basic concepts of Mathematics and Engineering and mentally strengthen them to face the challenges of new course work. Slow learners are identified based on entry level marks. Group of 15-20 students are assigned one staff as a mentor for personal guidance under Teacher-Guardian Scheme. Teaching learning is made student centric by employing techniques such as assignments, peer learning, group discussion, printed lab manual, previous year question papers, brain storming, use of NPTEL lectures etc. Daily attendance of student is monitored by class teachers. SMS/letters are sent to parents for frequently absentee of particular student. Class Test are conducted during each semester. continuous assessment is done on regular basis. Based on parameters such as attendance, continuous assessment, class test marks, student evaluation is done

in two categories: slow learners and fast learners. Parent meet is conducted in each semester to discuss progress of their ward and to welcome suggestions for improvement. Syllabus completion review is conducted at the end of every month and corrective measures are taken in Principal meeting. Student feedback (Online) is also taken during mid semester and suggestion are implemented accordingly. Academic flexibility is provided to the student by paying personal attention. Extra lectures are conducted for slow learners and advanced learners are encouraged to refer journals, to give seminar on advanced topic, to participate in project competition. Industry persons are invited as an expert lecture to bridge the gap between industry and academia. Also students are encouraged to visit nearby industry to learn more. Students also participate in extracurricular activities, Sport, cultural etc. Views of experts from industry, academia and alumni on curriculum are taken regularly. Feedback from industry and alumni is given due importance in defining graduate attributes and design of course outcomes.

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://svitnashik.in/NAAC/Criteria_2/2.6.1_PO_CO_PSO_PEO.pdf

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
512510110	MBA	MBA	41	32	78.04
512561210	BE	Mechanical Engineering	125	114	91.20
512524610	BE	Information Technology	6	6	100
512537210	BE	Electronics and Telecommunication	26	26	100
512529310	BE	Electrical Engineering	43	37	86.04
512524510	BE	Computer Engineering	33	28	84.84
512550710	BE	Chemical Engineering	60	54	90
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2.7 – Student Satisfaction Survey

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

http://www.svitnashik.in/NAAC/Criteria_2/2.7.1_Satisfaction_Survey.pdf

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
Students Research Projects (Other than compulsory by the University)	365	Pravara Rural Education Society, Loni	0.34	0.34
Projects sponsored by the University	730	Savitribai Phule Puen Univesity2.5	2.5	0.87
[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
Workshop on save energy	Electrical Engineering	31/01/2019
Energy conservation audit	Electrical Engineering	11/02/2019
Novel millimetre wave antenna design and its Industrial Application	Electronics Telecommunication Engg	28/07/2018
Development of skills to bridge the gap between Industry academics	Chemical Engineering	30/06/2018
Applications of CFD in Chemical Industries	Chemical Engineering	27/07/2018
Business Development	Chemical Engineering	01/08/2018
Energy Conservation, Global warming and New Emerging Technologies	Chemical Engineering	06/09/2018
Entrepreneurship awareness Business Development	Chemical Engineering	06/09/2018
Desalination Technologies :Prospects and perspectives in India	Chemical Engineering	13/10/2018
Faculty Development program on "Design Analysis of Process Equipment using computational Tools"	Chemical Engineering	17/12/2018
GATE Induction Program	Chemical Engineering	08/02/2019
Embedded System	Electronics Telecommunication Engg	16/08/2018
Startup- A new era of Entrepreneur	Chemical Engineering	09/02/2019
Workshop on Unisim Design	Chemical Engineering	22/03/2019

Suite Training Course		
Hadoop Mongo DB	Computer Engineering	25/02/2019
Website Development and Updating	Computer Engineering	06/02/2019
Python Programming	Computer Engineering	06/02/2019
Java Programming and Its Scope	Computer Engineering	17/07/2018
Internship Opportunities in IT Industry	Computer Engineering	10/07/2018
Applications of IoT, Raspberry Pi, Aurdino in Industry	Computer Engineering	04/07/2018
Energy Conservation Audit	Electrical Engineering	02/08/2018
Instrument transformer and switchgear and part	Electrical Engineering	27/08/2018
PLC SCADA Workshop	Electrical Engineering	17/08/2018
Awareness about electrical safety	Electrical Engineering	11/01/2019
Project Topic Selection	Electronics Telecommunication Engg	28/08/2018
VLSI Design Technology	Electronics Telecommunication Engg	27/09/2018
Arduino Based Embedded System	Electronics Telecommunication Engg	04/10/2018
PLC SCADA MATLAB Simulation	Electronics Telecommunication Engg	17/12/2018
5 G Multi-Antenna Technology	Electronics Telecommunication Engg	17/01/2019
Scope and opportunities in Telecom Sector	Electronics Telecommunication Engg	20/02/2019
Opportunities in IT sectors	Information Technology	03/07/2018
Aptitude interview Preparation	Information Technology	23/07/2018
Workshop on value added services	Information Technology	20/08/2018
Leadership Personality development	Information Technology	31/08/2018
Cyber security Cyber crime	Information Technology	11/09/2018
FDP on Machine Learning IOT	Information Technology	17/12/2018
Seminar on competitive examination guidance	Information Technology	26/12/2018
Expert lecture on Hadoop Technology	Information Technology	01/01/2019
Seminar on recent	Information Technology	09/01/2019

technologies in IT		
Workshop on core Java	Information Technology	31/01/2019
Workshop on WordPress	Information Technology	06/02/2019
Expert lecture on Aptitude preparation	Information Technology	12/02/2019
Expert lecture on Group discussion preparation	Information Technology	01/03/2019
Application of CAD/CAM CAE	Mechanical Engineering	05/09/2018
Workshop on Additive Manufacturing	Mechanical Engineering	04/10/2018
CAD/CAM and its Scope in Design"	Mechanical Engineering	07/02/2019
CatiaV5,R17 and Pro-e	Mechanical Engineering	14/02/2019
FDP on Human values Business Ethics	MBA	08/02/2019

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
Model Making- Pump IT	Ms. Rashmi Gupta	IIT Bombay	16/03/2019	Student Project
Model Making- Pump IT	Mr. Sandesh Gadge	IIT Bombay	16/03/2018	Student Project
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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
No Data Entered/Not Applicable !!!					
No file uploaded.					

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
Nil	Nill

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Chemical Engineering	2	5.8
International	Electrical Engineering	1	5.75
International	Electronics	2	3.39

	Telecommunication Engineering			
International	M.B.A.	2	5.7	

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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
Computer Engineering	11
Electronics Telecommunication Engineering	1
Information Technology	6
Science Humanities	1

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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
Experiemntal investigation of multi-effect membrane distillation module for wastewater treatment	Dr. B.L. Pangarkar	Journal of Applied Science Computations	2018	11	Sir Visvesvaraya Institte of Technology, Nashik	385
Excess molar enthalpies of ternary mixtures (ethanol or methanol 1 - butanol m- xylene) at the temeprature 298.15K	Dr. M.V. Guddad	Journal of Applied Science Computations	2018	5	Sir Visvesvaraya Institte of Technology, Nashik	181
The Design of Brushless DC Motor controller	Dr. M.V. Kumavat Mr. P.C. Patil	International Journal of Research and Analytical Reviews	2018	13	Sir Visvesvaraya Institte of Technology, Nashik	491
Experime	Mr. U.V.	Internat	2018	1	Sir Visv	1

| ntal setup of maximum peak power tracking for SSLS | Patil | ional Journal of Applied Engineering research | | | esvaraya Institte of Technology, Nashik | |
| Design implementation of interface between FPGA DSP using high speed communication with SDR techniques | Ms. G.A. Varade Ms. S.S. Somwanshi | IOSR Journal of Engineering | 2019 | 1 | Sir Visvesvaraya Institte of Technology, Nashik | 2 |

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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
Experiemntal investigation of multi-effect membrane distillation module for wastewater treatment	Dr. B.L. Pangarkar	Journal of Applied Science Computations	2018	7	385	Sir Visvesvaraya Institte of Technology, Nashik

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nill	3	83	4
Presented papers	1	16	Nill	Nill
Resource persons	Nill	1	Nill	1

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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
Tree Plantation	NSS	20	100

Blood Donation Camp	NSS Vikhe Patil Memorial Hospital	10	113
NSS Foundation day	NSS	7	122
Natural Therapy	NSS	83	Nill
National Unity Day	NSS	10	138
Special Winter camp at Village Deshwandi	NSS Grampanchayat Deshwandi	26	100
Youth Vision for new India	NSS	1	11
Aknur - Ek Navi Survat for Orhange Students of Adarthirth	SVIT	24	42
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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
44th Sinner Taluka Science Exhibition	Appreciation certificate	Education Department, Panchayat Samiti, Sinnar	460
44th Nahik District Science Exhibition	Appreciation certificate	Education Department, Jilha Perished, Nashik	1200
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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
Disaster Management	SVIT SPPU Pune	Disaster Management Rescue methods for injured persons	2	73
Disaster Management	SVIT SPPU Pune	Disaster use of various knots in disaster	2	76
Nirbhay Kannya	SVIT SPPU Pune	Girls Hygiene	2	122
Nirbhay Kannya	SVIT SPPU Pune	Maintaining Physical Mental Fitness	2	112
Nirbya Kannya	SVIT SPPU	Rules	2	98

	Pune	regulation for women protection			

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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
Industrial Internship	29 Students	self	60
Research Projects on Vehicle horn control System	03 students	self	270
Research project on Drive less metro train	03 students	self	270
Research project on IOT based air pollution monitoring system	03 students	self	270
Research Project on Vehicle Utility security	03 students	self	270
Research project on Ultrasonic Radar System	03 student	self	270
Research Project: Constant Base Image retrieval using tippler transform	01 student	self	360

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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
Project	Research	CEAT Ltd., Nashik	13/09/2018	31/03/2019	Student
Industrial visit	Field trip	Angel InfoTech, Aurangabad	05/10/2018	05/10/2018	Student
Training	Internship	V3 data solution Nashik	27/12/2018	04/01/2019	Student
Training	Internship	Advanced enzymes tech nologies,	01/06/2018	15/06/2018	Student

		Plot no.A-61 /62,MIDC,Mal egaon,Tal.Si nnar,Dist.Na shik-422113, Maharashtra, India			
Training	Internship	Rashtriya Chemical and Fertilizers, Chembur, Mumbai	01/01/2019	15/01/2019	Student
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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
Mayuresh Enterprizes, Nashik	02/01/2019	Expert lecture on "New Era of Entrepreneur" for Chemical and Mechanical Engineering students on 09/02/2019.	134
RL Solutions LLP Nashik	11/09/2018	Expert lecture on Application of CFD in Chemical Engineering Reserch Project	92
Ramole Eye Hospital and Dental Clinic	02/01/2019	Eye chek up camp(8/2/2019)	517
Innova Techno Solutions	23/08/2018	03 days worksop on Andoid based embeded system on 4th to 6th Oct. 2018	19
Sumago Infortech, Nashik	28/02/2019	Industrial Visit On 01/03/2019	34
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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
152.01	138.19

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added

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

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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
KOHA	Fully	3.22.07.000	2012

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	9500	1500000	Nill	Nill	9500	1500000
Reference Books	20215	9124586	Nill	Nill	20215	9124586
e-Books	9703	195790	Nill	Nill	9703	195790
Journals	73	240278	Nill	179838	73	420116
e-Journals	750	611513	Nill	519614	750	1131127
Digital Database	1	11500	1	13570	2	25070
CD & Video	1414	500	Nill	Nill	1414	500
Library Automation	1	235000	Nill	Nill	1	235000

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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

Mr Vishal D Butkar	IoT	youtube	16/01/2018
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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	461	18	100	18	1	1	7	100	0
Added	168	0	0	0	0	0	0	0	0
Total	629	18	100	18	1	1	7	100	0

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

100 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
Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)	http://www.svitnashik.in/Departments/Computer/ComputerStudentCorner.aspx
Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)	http://www.svitnashik.in/Departments/ElectronicAndTeleComm/ETCStudentCorner.aspx
Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)	http://www.svitnashik.in/Departments/Electrical/ElectricalStudentCorner.aspx
Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)	http://www.svitnashik.in/Departments/IT/ITStudentCorner.aspx

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
16.73	14.94	152.01	138.19

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 college has well established systems and procedures on place for maintaining and its utilization of various for infrastructure and other facility. Institute has independent civil and maintenance section that takes

care about all the physical infrastructure and its facilities. Regular maintenance reports are maintained and checked by supervisors and any new proposals for change/addition of infrastructure shall be taken care time to time. For the academic support system, institute has developed separate admission section, student section, examination section, account section etc. Admission section keep records of all admission details, various scholarships for students, fee dues etc. The student section keeps all records regarding year of admissions branch wise, students details and supports students for theirs banking related functions, fee structures, bonafied certificates etc. Examination section conduct two unit tests and preliminary exam per semester at institute level. Also all university exams like Online exams, in semester exams and theory exams are well coordinated by examination section. Account section keeps records of all funds and expenditure incurred by Institute. All sections work coherently to take care of need of students. Also separate Training and placements cell, Alumni, Incubation center, industry-Institute interaction, skill development, student welfare, entrepreneur cells etc are available for overall development of students. For maintaining records of every cell, institute and management has prepared the standard operating procedures (SOP's) for smooth working and record keeping of every cell. Laboratories and classrooms are utilized effectively. The timetables of every section are designed in such a way that all facilities will be effectively used by all staff and students. Laboratories and classrooms are cleaned on daily basis and reports are maintained. Lab in charge, lab coordinators and head of department take care overall utilization of respective department laboratories.

http://www.svitnashik.in/NAAC/Criteria_4/4.4.2_maintaining_and_utilization_2018-19.pdf

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	Pravara Scholarship	79	2834327
Financial Support from Other Sources			
a) National	Scholarship Under Central and State Government	1280	61001314
b)International	0	Nill	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
Guidance for Competitive Examination	15/07/2018	611	In House Gate Coaching Expert Talk
Career Counseling	10/10/2018	41	Science Colleges
Soft Skill Development	04/07/2018	221	AICTE PMKVY /Android/Instructor Train
Remedial Coaching	01/08/2018	676	Staff, SVIT

Bridge Courses	02/07/2018	1797	Industrial Visit Expert Talk
Yoga Meditation	20/08/2018	150	Mr.Ranjebdra S. Nannaware
Personal Counseling	10/07/2018	2913	Staff ,SVIT

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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	Personal Counseling for Guidance on Competitive Exam	167	41	1	Nill
2018	GATE Exam In-House Coaching	175	Nill	Nill	Nill

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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
1	1	4

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
Technoforce Solutions Pvt. Ltd., Nashik Lupin ,Pharmaceuti cals Pvt. Ltd., Tarapu r,Boisar	55	2	TCS, PUNE Infosys, PUNE ,Nipeksha Web Solutions Pvt. Ltd., NASHIK APRG TECHNOLOGIES INDIA (P) LTD., PUNE CPF India Ltd, Srirampur	147	67

	Infosys, Banglore HNG, Sinnar Sai Engieering, Ambad, Nashik CEAT Tyres, Pune Shivnanda Electronics Nashik ,fox solutio

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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
2018	1	Engineering	Electrical	Sandip University	MTech
2018	1	Engineering	Chemical	National Institute of Technology, Raipur	M.Tech Chem Engg
2018	4	Engineering	Mechanical	1.Sasmira Institute of Management 2 .SVIT,Nashik 3.DY Patil Pune 4.Ashoka Business Sch ool,Nashik	MBA

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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
Any Other	1

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

Activity	Level	Number of Participants
3.Ek Gaon Ek Ganpati	Campus level	86
2.Pravaracha Raja	Campus level	86

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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	National/	Number of	Number of	Student ID	Name of the

	award/medal	Internaional	awards for Sports	awards for Cultural	number	student
2018	NIL	National	Nill	Nill	0	NIL

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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)

Yes. Students Council means the Students Council established according to section40 (2)(b) of the Maharashtra Universities Act,1994 and as per the provision. The act was passed on Thursday 08-12-2016 with a view to improving the quality of higher education. The act has a number of innovative sections for the betterment of students and teachers. The purpose of the Students Council is to provide programs, activities, and services which serve the co-curricular, cultural, social, recreational and educational interest of students at the University and Colleges. The Students Council seeks to contribute to the development of students leadership skills and experience, program planning and development, volunteering, and fiscal management The act provides for the formation of student union or associated student body, which distinctively called as Students Council. There shall be a University Students Council and a College Students Council for each affiliated college to look after the welfare of the students and to promote and co-ordinate the extra-curricular activities of different student associations for better corporate life. It is specifically noted in the act that the Councils shall not engage in political activities. This chartered student council shall be authorized by the University to receive and dispense students' activity fee funds. Generally, the students council consists of President (chairman), Student Development Officer (S.D.O.), and students representing various activities like university level activities, annual social gathering, sports, National Service Scheme, Girls representatives, cultural activities representatives, class representatives, etc. These all representatives represent their fields in student council and help for their fulfillments: Structure of Student council 1 Hon. Chairman (Principal) 2 Teacher (S.D.O.) 3 NSS Coordinator 4 Sport s Director 5 Student General Secretary 6 Student University Representative 7 Student from NSS 8 Student For Cultural Activities 9 Student For Sports Activities 10 Students From Girls 11 Student Co-coordinator for Magazine 12 Class Representatives Responsibilities of the Student Council • Attending student council meetings and providing guidance, advice, and information if requested • Providing training and team development activities for the students. • Assisting the students in liaising with management. • Liaising between the students and staff by putting students issues on the agenda at staff meetings. • Encouraging staff to invite members of the student council to attend staff meetings and encouraging the student council to invite staff members to their meetings. • Helping to raise the profile of the students. • Helping to ensure the student council becomes part of the structure of the College and that it is involved in all aspects of College life. • Ensuring that students' issues are on the agenda at the board of management meetings. • Monitoring and evaluating the development of the students.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Association is registered with Registrar of Society's under the Societies Registration Act, 1860 with the registration number Reg. No.:MH/8655/04/nashik . Alumni association is an organization of the Ex-students of the institute. Alumni Association committee consists of representatives of student and faculty from each department. Alumni meet is arranged every year. The main objective of

the Association is to work in close association with the college authorities for the overall development of the college. The Alumni Association cell is in coordination with Training and Placement cell. All the members of the Association are engaged in promoting the cause of their alma mater and the society in general. It organizes alumni meet every year to review the activities of the current year and plan the activities for the forthcoming year. SVIT Face book page, departments WhatsApp groups, Google-groups accounts, group email IDs etc are available to connect with the Alumni and conduct the face to face Alumni interaction also having the Portal for Alumni only https://alumni.pravara.in/ . We are requesting the alumni for registration portal so that all alumni are connected they come to know the happenings of institute. Contributions of Alumni : Alumni does not contribute any cash funds to the institute but contributing the lot in various Activities organized by the institute: 1.The Alumni continuously invited in each semester to conduct the expert talk on recent technology or to motivate by sharing their experience with the students . 2. SVIT is organizing online sessions (webinars) of Alumni by contacting them through Alumni association. These webinars facilitates the contact between alumnus and students. 3.Every year Alumni Participated to attend the alumni meet to are interacting with each other and give them information regarding currents industrial market and practices trends in which they work. 4. The Alumni network of a college is one of the biggest resources of placement to the students. 5.The Alumni provides the placement support to the student through their reference or by arranging the campus drive in the institute. 6.MoUs -Institute -Industry interaction is also improved due to the support of Alumni.

5.4.2 – No. of enrolled Alumni:

4762

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Year: 2018-19 : Two Alumni meeting 1. Banglore-20/01/2019 No of members attended -12 Total no of alumni enrolled- 32 2. SVIT-23/02/2019 No of members attended- 165 Total no of alumni enrolled-278

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 institute supports a trend of decentralization practices and always promotes the culture of participative management at various level. 1. Academic Monitoring Committee (AMC):- Academic Monitoring Committee is centralized committee responsible for supervising, modulating and executing the various academic actions and guidelines. Chairman of AMC is Principal and other members of the committee are Dean, academic coordinators of each department, exam in-charge, class teachers and subject in-charges. Teaching learning process monitors by AMC. It prepares the academic calendar of the institute which is a mirror image of University's academic calendar that includes curricular, co-curricular and extracurricular activities. Academic Calendar is intensively planned and prepared in advance by Dean of Academics and ensures the proper implementation of the academic calendar. Dean of Academics is responsible for confirmation and observation of academic activities. Dean Academics Prepares the uniform formats for Lab Plan and Teaching Plan. Dean of Academics confirms lab and course file audit, does defaulter counseling, takes action against

findings, issues appreciation and show cause notice and gives input to IQAC. This activity done by AMC before commencement of semester and in the middle of semester, arbitrary confirmation of attendance once in a month, ensures student and faculty uniform and ID card and takes action on defaulter students and gives feedback to Principal. Class teachers ensures continuous conduction of practical and lecture of respective class, prepares roll call list, does result analysis and syllabus coverage once in every month. Based on this report Class In charge conducts average, weak and advance learner activity at class level and gives feedback to department AMC coordinator. The Departmental AMC coordinator informs for the extra classes for weak and poor students for their academic improvement. At end of semester the AMC committee visits the every department and check outs the continuous assessment sheet, Theory and practical attendance sheet of every subjects. 2. Deans, HoDs Structures are followed:- The institute implements the curriculum prescribed by SPPU. For effective implementation of the curriculum the following process is developed and deployed. Principal of the college conducts meetings with Deans, department heads to develop strategies for implementation of effective curriculum. Academic dean prepare academic calendar of institute. Accordingly Heads of department also prepares academic as well as activity calendar of their departments. Heads of department take subject choice from faculty members well in advance before commencement of the semester/year. Allocate the subjects to the faculty members as per their and HoD choice. The time tables are prepared as per the guidelines given by the principal and inform the faculty members and students before the commencement of the class work. Teaching faculty members prepare the course file as per subject allocation and approved teaching, laboratory plan from HOD before start of semester. HODs Convene departmental staff meeting once in a week on the day allotted and record the minutes of the meeting.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	The institute always taking efforts to improve admissions, the institute identifies the nearby are of Sinner, Nashik, Kalwan, Satana junior colleges. Our institute organizes the seminars in nearby junior colleges based on career guidance and engineering admission procedure to avoid the mess-up during admission. The faculty takes efforts in the form of counseling, till the end of admission procedure. The institute prepared college information broachers, which includes the infrastructure, facilities, placement records, extra co-curricular activities etc. of previous. Along with this information it contains the eligibility criteria prescribed by DTE and documents required for the engineering admission. So that student will get full details of the institute. Faculty gives the guidelines to 12th science students about his/her CET

	examination. The institute mostly focuses on the catchment area for the admission.
Industry Interaction / Collaboration	To overcome the barriers bridge between the theoretical and practical knowledge the SVIT College give exposure to the students and faculty through industrial visits, industrial internship, workshops on latest technology etc. The institute has signed 152 functional MoU's with reputed industries as well as educational firms. For enhancing the quality of the teaching learning process, institute organizes the various expert talk, workshops, and seminars through industry experts. Apart from this the institute invites the eminent alumni for sharing the latest technological trends in industry with faculty and students. Beyond the university curriculum the institute conducts the value added courses. To enhance the skill of faculty the institute gives the exposure to faculty to attain the various workshops, industrial training and courses in the industry and others firms.
Human Resource Management	The essence of human resource management of the institute are follows the Recruitment through the Local Staff Selection Committee. The Staff requirements are receives from the departmental Heads of each section and it's outlined by the Principal, then the requirement of staff is forwarded for approval to the management. After approval taken an advertisement gives in well known newspapers and institute conducts the interviews by Local Staff Section Committee. In every six month appraisal of all faculties done by HOD and its reviewed by the Principal. Based on the appraisal performance the annual increment decided by the management. The faculty who wish to do the research work or PhD the institute provide him/her studies leave.
Library, ICT and Physical Infrastructure / Instrumentation	Institute has well-developed infrastructural facilities to assist teaching and learning, research and administrative services. The institute campus is spread over 73 acres with multistoried building. Each and every department of engineering has well spacious and a sufficient number of class rooms, along with ICT tool,

	separate individual departmental libraries and laboratories. There is separate Centralized library having area of 852 sq.m and reading hall of 200 sq.m of 400 student's capacity. The central library has KOHA Nature of Automation: Library is a Fully Automated Version: 3.22.07.000. Library has a book collection of 29,606 books Plus 9703 E- books (Total Books 39,309) (as on 01.08.2018), and for proper organization of the library material, library has purchased software, 'KOHA' Library Software which is a cloud hosting on Microsoft Azure. A software is upgraded time to time against the regular Annual Maintenance Contract. One terminal is reserved for students to search information of availability and issue of Books. Web-based Library Software with Web OPAC, Email and SMS Alert etc. (Online Public Access Catalogue- OPAC) and Single Window Where Completes Information about the Users Along With the Circulation Status, Fine Status, Contact Details, Reading and circulation History etc. Varies type of reports can be generated with the use of above mentioned software which is useful for various committees and inspections from time to time. Book database is created along with user's database. Issue return process is fully automated and manual cards are kept as supporting documents for students and faculty. NPTEL Facilities provide for students and Staff. The institute has established solar power plant of 100 KW and also have 89 KVA DG set for uninterrupted power supply. In institute every department has separate computer laboratory with high speed WiFi and internet facility. The institute has girls and boy's common rooms, separate bathroom for handicap students, Lift, health care centre etc. Institute provides huge collections of books in its central library. Also there is provision of having remote access to get e-books, e-journals and eLearning. Institute has well equipped laboratories for the students to do practical and demonstrations which enhance the learning process.
Research and Development	The institute provides the facilities like the project laboratories, equipment and computer laboratories in

each department, software, internet, books and journals etc. for utilize to the students and faculties for innovation and transfer the knowledge. The students conduct the subject experiments in each departmental laboratory under the guidance of teachers. Also the UG and PG students conduct the research projects under the guidance project guide. The institute having the Research and Development Cell (R and D) for gives the innovative ideas and transfer the knowledge. The R and D cell committee members are encourage to the students and faculties for participation in the activities conducted by the department and institute, publications of the research papers and writing the proposal for research grants. Also the IPR research related seminars were organized by the R and D cell for students and faculties. The students are participated in seminars, workshops, conference, technical events organized by the different department and also outside of the institute. The projects groups of the students are participated in the project exhibition at institute level as well as state and national level events organized by the other institutes. The faculties of the institute have registered for the PhD degree at different universities. The faculty published their research in the various journals as well as conferences at national and international level. Some faculty received the grants for their research projects from the various funding agencies like University and AICTE. The different departments of the institute were organized the different technical events like Chemcoalesce, Delve, Cognizia and Mechazemo for the purpose of enriching the students all round growth and providing them platform for presenting their abilities or innovative ideas. The technical quiz competitions are organized to challenge the mind of students. Also under the technical events organized the different events like project exhibition, paper presentations, poster presentations, the founder competitions, Aptitude test, short movies making, cube and rapid competitions, Robo-Race, C Programming,

		Robo war, Air craft design etc.. Also the different departments were organized the expert lectures, seminars, workshops and conferences for purpose of increasing the interaction between the industry and institute. Thus the institute continuously attempts to provide state of the art resources for innovations along with creation and transfer of knowledge.
Examination and Evaluation		In the institute formative assessment is adopted to measure students' performance during the course and used to provide feedback to the students for improvement. Continuous assessment of student's performance in the laboratory will be checked by subject teacher by completion of each and every practical. Students performs practical in week and next week practical assessment are checked by respective subject teacher on regular basis. Conduction of class tests are done for theory subjects after completion on two unites. Tutorials and Assessment are given after completion of two unit of subject. Industrial visits, workshop and seminar are organized for students on regular basis to improve the skills of students. Summative assessment is adapted to measure students' performance at the end of the semester by means of following examinations conducted by the university. (i) Online and In-semester examination (ii) End-semester theory examination (iii) Practical and Oral examination for lab courses (iv) Presentation, demonstration and viva for Project work (v) Presentation and viva for seminar Institute insists extensive use of online- content and NPTEL and other video lectures to support the class room teaching. Comprehensive individual assignments are practiced and students need to present the assignment before submission. Seminars, technical paper presentation and mini-projects are introduced in the curriculum to make the environment activity based. To refine the critical thinking among students, various group discussions, debates, seminars, workshops etc., are organized in which students explore new ideas and thus enhances their performance levels.
Teaching and Learning		In the institute teaching and

	learning process is continuously supervise by principal, Academic dean and departmental academic coordinator. Academic coordinator of the department monitors the teaching learning process and prepares a summarized monthly progress report shared with the institute academic dean. The academic coordinator of the department monitors the following teaching learning activities: 1. Observation the conduction of lectures and practical as per the assigned time table 2. Class wise preparation of monthly defaulters (Attendance and Academic) list of students 3. Based on monthly progress report instruct the class teachers to send letters to parents of defaulters 4 Completion of syllabus as per curriculum 5. Monitoring of Continuous assessment 6. Scheduled and Conduct of presentation of project and seminar 7. Conduct the unit tests and preliminary examination as per the plan 8. Assignments as per the plan. 9 Activities of the Academic monitoring are periodically surveyed by the Principal and corrective actions taken
Curriculum Development	Being the affiliated institute the Institute follows the curriculum prescribed by Savitribai Phule Pune University (SPPU). Various faculty members of our institute participate in different bodies of the university such as Academic Council, Subject Chairmen and Board of Studies (BOS) who contribute in designing academic curriculum regularly. Institute has its own feedback system for stakeholders. The objective of this feedback system is to provide a platform for accessing, compiling and documenting information of students and stakeholders approach for the quality and effective implementation of the Institute's curriculum. The feedbacks received from all students and stakeholders are complied and analyzed. The instructions and suggestions are communicated to the BOS for the curriculum alteration

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

E-governace area	Details
Planning and Development	The institute prepares the academic calendar well in advance which includes details of tentative academic activities, extracurricular activities,

	holiday, industrial visits, faire well function etc. This calendar uploads on institute website for the student and faculty. Before beginning of semester the every faculty prepare his/her subject course book.
Administration	The institute uses MIS, Biometric leave management and biometric thumb system for the regular attendance of teaching and non teaching staff.
Finance and Accounts	The institute uses the ERP Tally software for the finance and account. The MS Excel is used to prepare the monthly salary sheet and the student fees record
Student Admission and Support	The institute uses the MIS, School Mate software for admission support and KOHA software uses in central library for the book transaction to the students. DTE and CET Cell online portal uses for the FE and DSE admission process.
Examination	The institute uses the SPPU examination portal for the online examination and exam form filling.

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	Prof. S. G. Jachak	Nil	CS I	1180
2018	Dr. Saroj B. Parjane	Nil	IICHE	7000
2018	Dr. Mahendra V. Gudddad	Nil	IICHE	7000
2018	Dr. Bhausaheb L. Pangarkar	Nil	IICHE	7000
2018	Dr. Rajendrakumar M. Abhang	Nil	IICHE	7000
2018	Mr. Nadeem B.Shaikh	Nil	IETE	6500
2018	Mr. Ulhas.V.Patil	Nil	IETE	8000
[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)
2018	FDP on Design and Analysis of Process Equipment using Computational Tools	Nil	17/12/2018	21/12/2018	7	Nill
2018	FDP on Machine learning and IOT	Nil	17/12/2018	21/12/2018	9	Nill
2018	FDP on PLC SCADA and MATLAB Simulation	Nil	17/12/2018	21/12/2018	10	Nill
2018	FDP on PLC SCADA and MATLAB Simulation	Nil	17/12/2018	21/12/2018	8	Nill
2018	FDP on Machine learning and IOT	Nil	17/12/2018	21/12/2018	6	Nill
2018	FDP on Design and Analysis of Process Equipment using Computational Tools	Nil	17/12/2018	21/12/2018	24	Nill

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
5G Multi-Antenna	2	17/01/2019	18/01/2019	2
Internet of Things	1	03/12/2018	04/12/2018	2
PLC SCADA Matlab	8	17/12/2018	21/12/2018	5

Simulation				
FDP on Design and Analysis of Process Equipment using Computational Tools	7	17/12/2018	21/12/2018	5
PLC SCADA Application	4	24/01/2019	25/12/2019	2
Intelligent Soft computing techniques	1	17/12/2018	21/12/2018	5
Two day National Conference on Advanced computing Dta processing.	3	12/02/2019	13/02/2019	2

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
94	94	135	135

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• Employee provident fund (EPF). • Group Insurance Scheme (GIS). • Transport facilities. • Concession in tuition fees for children of the employees. • Permission for higher studies. • Maternity leaves. • Gratuity to teaching staff. • Promotion given to eligible faculty. • TA and DA given to attend conference, workshop and seminar	• Employee provident fund (EPF). • Group Insurance Scheme (GIS). • Transport facilities. • Concession in tuition fees for children of the employees. • Maternity leaves. • Gratuity to non teaching staff. Uniform to IV class employee.	• First Aid box are available in all departments. • Earn and learn scheme for poor and needy students. • Toppers award, Best outgoing student award. • Institute scholarships for needy students. • Utility vehicle available for hospital in an emergency. • Book bank facility for poor students.

6.4 – Financial Management and Resource Mobilization

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

The institute has followed the standard procedure for conducting internal and external audits for every financial year to assure the financial consent. Whenever required the internal audits are carried out by institute. • External auditor is appointed by the parent trust who executes the statutory audit. Last audit was carried out in the month of August 2019. No major irregularities were found in the audit and minor suggestions were complied. • The internal auditors are appointed by the PRES Loni. The institution is having qualified practicing Charted Accountant as an auditor who audits the accounts annually. After the

audit, the report is sent to the management for review. • Internal audit done particularly in respect to purchase transaction, reconciliation of exam fees and timely settlement of advances. • No major audit issues and objections were being raised in the past four years reports.

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
Loknete Dr. Balasaheb Vikhe Patil Pravara Rural Education Society, Loni	50000	Financial Assistant for National Level SAE project EFFICYCLE at LPU, Punjab
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6.4.3 – Total corpus fund generated

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	External Expert Committee Constituted by PRES	Yes	IQAC and Dean Academics Committee
Administrative	Yes	External Expert Committee Constituted by PRES	Yes	IQAC and Dean Academics Committee

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

The active involvement of parents and stakeholders in various activities carried out by the departments and institute to support the students. The initiatives taken by institute for the development are always appreciated. Parents contribute and give their valuable suggestions and support through their representation by active participation in the following activities. 1. Parent Teacher Interaction Meet (PTI). 2. Techno cultural Events. 3. Parents from industrial sector, supports for industry institute interaction through industrial visits and internships for students. 4. Taken feedback from the parents for further developments of their wards and institute.

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

To enhance the skill of supporting staff, the institute has been conducted the following programs 1. Basic computer skill training. 2. Tally and School Mate software training. 3. Stress management seminars. 4. English Spoken skill 5. Yoga programs 6. Technical training in nearby industries

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

1. Feedback collected, analyzed and used for further improvement. 2. Preplanned academic calendar and activity calendar implemented in the department and institute. 3. Participation in NIRF. 4. Curriculum enrichment by creating and

> providing academic book to all students. 5. Attainment and CO-PO and PEO mapping and unanalyzed by continuous internal Evaluation (CIE) for all the subjects. 6. Implemented SOP in the institute. 7. Institute insists online courses like NPTEL and video lectures to support class room teaching. 8. ICT tools provided for teaching and learning. 9. Organizing FDP for faculties

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	**Yes**
b)Participation in NIRF	**Yes**
c)ISO certification	**No**
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	National level Conference organized by computer department on " Advance Computing and data programming"	12/02/2019	12/02/2019	13/02/2019	184
2019	Workshop organized by E TC department on "5G Multi-antenna technology"	17/01/2019	17/01/2019	18/01/2019	82
2018	Induction program for first Year students	31/07/2018	31/07/2018	06/08/2018	178
2018	Socio-cultural event of Ganesh Festival "Praverecha Raja"	13/09/2018	13/09/2018	23/09/2018	1947
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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

Orientation Program	31/07/2018	04/08/2018	145	201

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
Percentage of Usage of Renewable Energy (3268/18773) 100 17.40 Percent Solar Power

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	**Yes**	**2**
Provision for lift	**Yes**	**2**
Ramp/Rails	**Yes**	**3**
Rest Rooms	**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
2019	**Nill**	**1**	**22/02/2019**	**1**	**Ankur Ek Navi Survat**	**Welfare Contribution**	**142**
2018	**1**	**Nill**	**16/01/2019**	**3**	**District Level Science Exhibition**	**Science Innovations**	**12000**
			[View File](#)				

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

Title	Date of publication	Follow up(max 100 words)
Hand Book for Stakeholders (Code of Conduct)	**01/06/2018**	**Handbook for has been published for the all stakeholders of the institute by society. It covers Students, Teachers, Librarian, placement officers, Office Superintendent, clerks, PA to Principal, Receptionist/Telephone Operator,Accountant, Exam Officers etc. Handbook includes the job responsibilities and code of conducts of respective designations. There is proper system to monitor**

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Faculty Student Development Program on "Human Values Business Ethics"	08/02/2019	09/02/2019	70

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Tree Plantation Tree-planting is the process of transplanting tree seedlings, generally for forestry, land reclamation, or landscaping purpose. It differs from the transplantation of larger trees in arboriculture, and from the lower cost but slower and less reliable distribution of tree seeds. Institute plants trees on important events and nurture them to grow. Also, institute made the policy to felicitate the Guests with the saplings that will lead to Environment friendly culture. 2. Bicycle Institute Promotes the Go Green Campus Policy amongst the stakeholders of the institute by giving the facility of use of Bicycle in the campus to commute within the campus. This gives Zero Pollution and helps to keep Healthy. 3. Public Transport: As college is located 8 km from City College having 12 buses from the various corners of the city that encourages students and staff to use transport facilities as it may help saving environment, leading to safe and secure life in turn will benefit all. 4. Renewable Energy Institute has installed 100 KWp capacity Solar Power panel system in the campus. Also, it is attached to the MSDC power grid. Due to this the consumption of solar power has increased. The maximum power requirement is met by the Renewable Energy. 5. Waste Management Cleanliness is maintained in campus and less hazardous waste is generated. The major e-waste such as out of use instruments / equipment's, CRTs, Printers, Computers, Electronic gadgets, Circuits, Kits have been written off and then it is sold out to buyers by auctioning. Liquid waste used for the generation of Bio-gas.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice -I 1. Title of the Practice: Mentorship Scheme 2. Goal ? To plan Personal and career goals of students. ? To improve presentation skills/written skills and oral communication skills. ? To improve general aptitude test/technical quiz proficiency. ? To develop leadership qualities. ? To know resume writing and preparations for mock interview. ? To monitor overall progress of students during his/her graduation. 3. The Context: ? Along with the adaptation of good teaching learning process, which enhances the technical knowledge of students, Institute has designed innovative methods for the overall personality development of the students. ? Through Mentorship scheme-institute has developed systematic road map for improving the different aspects of personality developments, Communication Skill, Presentation Skill, Team Work, leadership qualities, resume writing, etc. and make them ready to face the challenges in industry. ? The students lagging in any of the above-mentioned skills are eager to participate in the different activities planned under the Mentorship Scheme to develop themselves. ? The objective of Institute to implement mentorship scheme is to provide training and guidance to undergraduate students in all disciplines, increase the participation of all undergraduate students from F.E to BE in the different activities conducted by

the Institute, which will be useful to them in their life after graduation. ? Faculty who serve as mentors make a valuable contribution to the education and training of undergraduate students interested in hands-on experience in different activities. Students judge the experiences primarily by their interaction with their mentors. Thus, the role of faculty member in scheme is crucial to the program's success. 4. Practice: ? In the mentorship scheme a Teacher (mentor) is allocated with group of approximately twenty students (mentees). Around five students from each year i.e. F.E, S.E, T.E and B.E to form a group of twenty. ? Mentor meeting is conducted once in an alternate week. Various activities like career goal setting, presentation skill, communication skill, resume writing, aptitude test etc. are conducted in the meetings. ? Along with these activities, mentor has to keep the academic record of the mentees allotted to him in terms of their monthly attendance, academic results, co-curricular participation within and outside campus etc. and inform the same to the parents. 5. Evidence of success: ? The evidence of success of mentorship system is reflected through the overall personality development of students. ? Those students who had lack of confidence, weak in communication, poor presentation skills, were observed having marginal improvement in the lacked areas when they came to final year. ? Parents were happy to have a system where, the overall progress of their ward is monitored and informed to them timely right from the first year till the candidate completes his/her engineering. ? There is a marginal increment in the number of students participating in various events held within and outside the college, since the implementation of Mentorship Scheme. Best practice- II Title of the Practice: Academic Book Goals: • To aware the students about syllabus • To aware the students about Evaluation scheme of the subjects • To aware about the Question bank of the subjects • To aware about the old question papers of the subjects The Context The academic book is introduced to make students aware about the syllabus pattern. Students can refer the academic book for the syllabus, Evolution schemes, Question Bank, Old Question Papers etc. The Practice • Students referred the academic book of New syllabus 2019 pattern. Evidence of success: • Students got aware about the syllabus of their concern subjects. • Students performance increased during the period. Best Practice-III 1.Title of the Practice: SVIT Technical Festival : National Level Technical event and Project Exhibition 2 Goals: • To promote academic-industry interaction and foster collaboration. • To expose students to state of art technologies. • To encourage students to become Entrepreneurs. • To encourage students to opt Research and Development as career. • To encourage students to the area of Intellectual Property Rights. • To provide mentoring to engineering students from professionals. • To enhance teaching learning process in Engineering Education 3. The Context Innovation and creativity are the vital parameters for development of state-of-art technologies to meet challenges of globalization. In today's Knowledge Based Economy, role of upcoming Engineering Graduates will be of upmost importance. There is urgent need to motivate Engineering Graduates to opt their career in Research and Development to accelerate the economic development of country. Right from first year of engineering, students need to be exposed to recent technological developments and to be encouraged to solve day to day problems of industry and society. There is a need to provide more emphasis on project-based learning and situation-based learning. A National SVIT-TECHFEST and Project Exhibition, organized by the Department of Electrical Engineering of the institute is intended to give students a stepping-stone for entering into the engineering industry. 4. The Practice This event has a successful history of 3 years • It is open for engineering students of all disciplines across the country. It is a platform that allows interaction between industry professionals and students as well as offers the corporate sector a chance to assess the potential of engineering students. • It is an event showcasing the efforts and expertise in creating innovative solutions to real-world problems by engineering students from all over India. • The students

exhibit their working models along with posters and presentations. • Industry experts are invited as judges. They use structured evaluation methodology to avoid any bias in their judgment. • The best three projects are selected by a panel of judges. Prize amount for the winners is around Rs.50000/-. • Electronic and print media gives a wide coverage to this event. • Many multinational companies showcase their state of art technology products during National Level Exhibition in addition to expert sessions. • Funding is generated through the sponsorship given by the industries 5. Evidence of Success • Over the period of time there is a significant improvement in the quality of projects exhibited in the event. • Due to interaction of industry professionals, small and medium scale entrepreneurs with the participants and students involved in organizing committee, training and placement activity is accelerated and resulted in the improved placement. • Some participants have gone for the IPR with their projects and are in the process of getting patents for the innovative project ideas. • Some participants have developed their own products and started private enterprise. • Enhancement in the application knowledge of students. • Since all the projects presented in the exhibition are of very high quality, identifying the best projects seems to be a challenging task for the judges, as per their feedback. 6. Problems Encountered and Resources Required Problems Encountered • Since, the exhibition is open to all, people/crowd management is observed to be difficult job for the organizing committee. • To provide adequate support and to fulfil diversified requirements so as to make the project functional on the eleventh hour is a big challenge to the organizing committee members. Resources Required • Financial Support of around Rs.1,50,000/-. • Arrangement of stalls with electricity connection, extension boards, regulated power supply, various measuring instruments, internet connection, tables and chairs for all the individual participants. • Providing specialized requirements like water taps, compressed air, intercom etc. • Breakfast, lunch and drinking water arrangement for judges, participants, faculty, guests and organizing committee members. • Pedestal Fans and coolers, Vehicle facility to participants. Best Practice- IV 1.Title of the Practice: Alumni Association Goals: • To provide alumni with the opportunity for social and professional networking and career development. • To promote a spirit of volunteering and co-operation amongst SVIT alumni in supporting the development objectives of Institution. • To provide support to the training the students. • Acting as ambassadors for the SVIT in promoting learning and helping with student recruitment 3. The Context The Alumni Association of SVIT is registered with the Registrar of Society. The Alumni Association cell is in coordination with Training and Placement cell organizes alumni meet every year to review the activities of the current year and plan the activities for the forthcoming year. SVIT Face book page, departments WhatsApp group, Google-groups account, group email ID etc are available to connect with the Alumni and conduct the face to face Alumni interaction. 4. The Practice • Alumni Association of SVIT has opened Nashik and Pune chapters in 2018. • Also conducted Alumni meets at Ahmednagar, Pune, Delhi and Las Vegas USA.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://www.svitnashik.in/NAAC/Criteria_7/7.2.1_2018-19.pdf

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 establishment of the Sir Visvesvaraya Institute of Technology symbolizes the ascendance of plateau of accomplishment of educational excellence, in dissemination of quality education from pre-primary to collegiate level by Pravara Rural Education Society, ensconced at Loni, by Late Padmashri

Dr.Vitthalrao Vikhe Patil . Sir Visvesvaraya institute of technology is committed to inaugurate socio - economic transformation by providing inclusive innovative quality education of worldwide standards to completely meet the expectations of the stake holders as initiated by the founding fathers. To recruit and retain well qualified motivated faculty and staff and provide adequate infrastructure, equipment and machinery. To supply amenities and sports facilities consonant with nature. Industry institute interaction to supply adequate exposure to the scholars to the planet of work. Enrich library and provide latest teaching gadgets and process to promote effective teaching-learning. to provide holistic value-based education and inculcate entrepreneurial abilities in order that the scholars are well groomed in knowledge, skills and values to possess the power to face the challenges of the company world and life. Silent features of institute: • Institute provided inclusive technical education in order that a deserving student isnt denied a chance for technical education solely on socio- economic constraints. • Institute provided holistic education to develop skills, knowledge and values through well-structured curriculum and directions. • Made students readily acceptable to the company world and promote entrepreneurship. • The academic committee headed by the top of Departments. • Disciplinary Committee to seem into the in disciplinary Acts Ragging. • Power backup given on the campus. • The student NSS wing is active so as to imbibe strong Social values in our students. • The institute takes conscious efforts to make awareness about energy conservation and renewable energy usage among students. Solar panels are utilized in the hostel and therefore the college campus. • Institute is friendly for Differently Abled. • Significant career guidance programs arranged by institute to guide country students by arranging campaigns nearby villages. • Round the clock internet connectivity through dedicated 100 MBPS Lease Line. • Various Social events administered for enrichment of scholars. • Pravara scholarship is provided to economical backward students. • Mentoring scheme has developed systematic road map for improving the various aspects of personality developments, Communication Skill, Presentation Skill, Team Work, leadership qualities, resume writing, etc. and make them able to face the challenges in industry. • Departmental Associations are established for student development. • A National SVIT-TECHOFEST and Project Exhibition, organized by the institute from last two years is meant to offer students a stepping-stone for getting into the engineering industry. • Bus facility is provided for workers and students. Total 12 buses are available from various locations. • Internal complaint committee has established to prevent harassment. • Institute provided students prerequisite training for building and developing competencies for the location. • Various personality development programs and health check-up camps are conducted under women's development committee. • Institute has provided career development services to students with reference to education, opportunities for growth.

Provide the weblink of the institution
http://www.svitnashik.in

8.Future Plans of Actions for Next Academic Year

To improve quality in the various aspects of administration, academics, faculty development, training and placement, MOUs with industries, R D activities, extension activities, co-curricular and extracurricular activities, social exposure to students and faculties, institute has been initiating, implementing and proposed various activities throughout the academic year. In view of the vision, mission and core values, institute has planned good academic calendar of institute and for each department including various initiatives and activities as follows: ? To apply for NBA accreditation for UG programs institute focused on the academic improvement and in this regards taken initiatives for overall development of the students with quality standards. ? Collaborations with the

nearby industries with active MOUs to bridge the gap between academia and industry. Focus more on interaction between institution and industry through MOUs to enhance employability skills, providing training to get industry ready students. More focus through interaction with industry will be to motivate students for industry sponsored projects, for industrial internships. ? Intensive training planned from first to final year students for competitive examinations, aptitude, technical training by adding special lectures in the weekly time table. Special aptitude training programs planned for the third and final year students from the industrial expert through conducting various expert lectures, workshops, and value added courses. ? Induction programs, Industrial visits, summer and winter internships program planned for the students. ? Faculty development programs at the end of each semester planned for faculty to enhance and update current knowledge. ? RD activities planned to promote the research culture among the faculty and students. More focus is given on student's project, faculty research grants etc. by planning various activities in this regards. ? To promote entrepreneurship and innovation through skill development. Institute has developed "Entrepreneurship and Skill Development Cell" and planning for enhanced activities in this area. Skill development will be the focused area for enhancing employability of students. ? To promote the extension activities institute planned to organize more community service activities to contribute to the wellness of the society. Along with NSS unit, departments are involved in the organization of different social activities like tree plantation, blood donation camps, save water and electricity etc.