Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**SINHGAD TECHNICAL EDUCATION SOCIETY'S SINHGAD ACADEMY OF ENGINEERING**
Name of the head of the Institution	**Dr. Kishor P. Patil**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02026934441**
Mobile no.	**9545754563**
Registered Email	**saeprincipal@sinhgad.edu**
Alternate Email	**iqac.sae@sinhgad.edu**
Address	**Sr.No.40/4A, Near PMC Octroi Post, Kondhwa-Saswad Bypass Road, Kondhwa (Bk)**
City/Town	**Pune**
State/UT	**Maharashtra**

Pincode	**411048**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Kulkarni Shriram Sadashiv**
Phone no/Alternate Phone no.	**02026934550**
Mobile no.	**9922431650**
Registered Email	**sskulkarni.sae@sinhgad.edu**
Alternate Email	**kulk.shri@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://cms.sinhgad.edu/media/479434/aqar-17-18.pdf
4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://cms.sinhgad.edu/media/479428/academic%20calender%20ay%202018-19%20sem%20i.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**A**	**3.01**	**2017**	**23-Jan-2017**	**22-Jan-2022**

6. Date of Establishment of IQAC	**12-Oct-2015**

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
Mini Hackathon	22-Feb-2019 2	115
Value Addition Programs	30-Jul-2018 3	796
Student Training Program	04-Jul-2018 12	2424
BE Project Review	27-Aug-2018 8	847
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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
Civil	Research	BCUD, SPPU	2016 730	230000
Computer	Research	BCUD, SPPU	2016 730	44000
E&TC	Research	ISRO UOP Joint Research Program	2016 730	1666000
Information Technology	Research	BCUD, SPPU	2016 730	39000
Mechanical	Research	BCUD, SPPU	2016 730	285000
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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 :	4
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)

Continuous efforts through IQAC were extended to identify slow learners and academically weaker students and were focused through special remedial sessions for their academic improvements.

Interaction with industries, through Industry Institute Interaction Cell (IIIC) and Entrepreneurship Development Cell (EDC), was promoted by seeking field exposure for the students and staff through internships, seminars and projects. Many sponsored projects and internship were completed during current academic year with various companies.

Value Addition Programs (VAPs) such as Internet of Things (IoT), Machine Learning, Data Science Using Python, Python Programming, Geometric Design and Tolerance etc. were conducted for the students by all the departments by taking into consideration students' demand to fill in the gap between the industrial perspective and the University curriculum.

Students were encouraged to register for online courses of NPTEL through local chapter of the Institute. Also they were encouraged to register for IIT Spoken Tutorial courses based on various programming languages such as C, C, Java, Python etc.

Program Educational Objective (PEO) and Program Specific Outcome (PSO) statements for each branch are finalized. Course Outcome – Program Outcome (COPO) and Course Outcome – Program Specific Outcome (COPSO) correlation for each subject were revealed and attainment record was prepared for comparison and subsequent implementation.

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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
Take feedback from all the stakeholders viz. Alumni, Parents, Industries, students (on teaching learning process, exit surveys) and teachers (about curriculum)	Feedbacks from all the stakeholders were collected and analysed
Promote faculty for attending FDPs / Conferences	Count of faculty attending FDPs / Conferences has increased
Periodic IQAC meetings (quarterly)	Four meetings were conducted and timely submission of AQAR to NAAC
Motivate students for registering MOOC	Students' registration count for online NPTEL courses and IIT Spoken Tutorial courses has increased
Encourage students for participation in skill development programs, internship in industry	Count of students pursing such programs has increased. Number of industries according such programs and internship

	has increased
Strengthening students' compatibility with industries through Students' Training Programs	STPs 1 to 5 were planned and implemented by all departments

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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Academic Monitoring Committee (AMC)	10-Jun-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No

16. Whether institutional data submitted to AISHE:	Yes

Year of Submission	2018

Date of Submission	07-Dec-2018

17. Does the Institution have Management Information System ?	No

<div align="center">Part B</div>

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

This institute is affiliated to Savitribai Phule Pune University. The University updates the syllabus of all courses periodically owing due respect to technological improvements in the field practices through involvement of domain technocrats and academicians. The faculty of our institute has made significant contribution. Also university provides academic calendar at the start of every academic year detailing the commencement and conclusion of semesters, Schedule of various examinations (theory, online, practical, oral, project) thereby providing adequate time for implementation of academic plans. Institute also prepares its own detailed academic calendar of all classes for execution academics, co-curricular and extra-curricular activities. The academic calendar mentions Commencement & conclusion of teaching, schedule for various internal examinations to be conducted (theory, online, practical, oral, project) & the date(s) of declaration of results. The institute monitors the program through interactive meetings of HODs and Principal periodically. The planned task is divided into various portfolios at departmental level and monitored through various appointed committees. Also the teaching load is distributed among staff at the end of preceding semester taking into consideration their areas of expertise and field experience for conducting theory and practical sessions. The course work material i.e. notes, PPT, NPTEL

lectures, and videos etc, related to their respective subject are prepared and updated well in advance before commencement of semester. The timetable is prepared as per teaching hours allotted in university syllabus. The format of attendance book includes teaching plan, attendance sheet, teacher guardian meeting and follow-up record. The teaching plan is prepared in prescribed format includes planned dates, topic to be delivered and actual date, topic delivered. The teaching plan is regularly updated by subject teachers. The lecture and practical sessions are conducted as per timetable and attendance is taken in a prescribed attendance book by staff regularly. The cumulative attendance of class is filled in Google spread sheet every fortnightly by subject teachers. The class teachers and teacher guardian review the data to monitor and take corrective action. The teacher guardian appointed for every 20-25 students per class conducts meeting with the students to discuss the progress of learning process and others which is documented and reviewed by class teacher of respective class. The evaluation of journals and performance of students in practical sessions is done regularly and noted in prescribed continuous assessment format. The Mid-Term submission of practical's and theory subject record verifies the progress of syllabus with teaching plan. All these activities are monitored through periodic meetings of domain heads and HODs. The field expertise available outside the institute is also availed through guest lectures, workshops and industrial visits with joint efforts through MOUs. HODs continuously monitor the effective implementation of the academics through regular follow-up of the teaching plans and also through personal interaction with the students and staff.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
No Data Entered/Not Applicable !!!					

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Mechanical (EAM,RE,OR, AMP, HVAC, Robotics, IE, FEA)	18/06/2018
BE	IT (BAI, STQA, ISR, RTCD)	18/06/2018
BE	E&TC (EPD, ERTOS, DIVP, AVE, ML, WN)	18/06/2018
BE	Computer (DMW, STQA, SCOA, CC)	18/06/2018
BE	Civil (ATP, TQM, APC, CM)	18/06/2018

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

	Certificate	Diploma Course
	No Data Entered/Not Applicable !!!	

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
No Data Entered/Not Applicable !!!		
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Civil	30
BE	Computer	26
BE	E&TC	64
BE	Information Technology	29
BE	Mechanical	94
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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
Teachers' Feedback: The Sinhgad group of Institutes has a central Academic monitoring committee. which has formulated the criteria and policies for feedback of students about teaches who are teaching them in a particular semester. Feedback from students is collected online in the mid of each semester during the academic year in. As per the guidelines laid by AMC, the average feedback should not be below 50 percent. The faculties having feedback less than 50 percent are counselled by Head of the Department for improvements in the parameters where most of students have given unsatisfactory remark. Alumni Feedback: Alumni Meet is conducted every year . It is at both levels , first common meet at college level , then students go to respective departments for departmental meet. After interaction with alumni , written feedback is taken from each alumni. Feedback form consists of Questionnaire. This questionnaire is based on the knowledge students have achieved during his four academic years in the institute like technical details, soft skills, communication skills, management skills, ethics etc. Each question in the questionnaire reflects one out of the twelve Programme Outcomes (POs). Students give marks out of 10 for each of the questions in the questionnaire. Average marks for each question is calculated. Average marks for each PO is then obtained. Based on these marks , the policies and action plan are formulated at department level. Parents Feedback Parents Meet is conducted every year at

department level. Feedback is taken from parents in the form of questionnaire. Questionnaire is based on questions based on teaching learning process , faculty interaction, University examination, discipline, extra-curricular activities etc. Marks are assigned for each question by the parents. Each question satisfies specific programme outcomes (POs). Average marks for each question is calculated. Average marks for each PO is then obtained. Based on these marks , the policies and action plan are formulated at department level. Students Feedback: Every year written feedback is taken from students who are about to pass out from their respective departments of the institute, this feedback is called the exit feedback. Questionnaire reflecting twelve Programme Outcomes (POs) is given to them and the same procedure is adopted as above to get an average mark for each of the questions and then an average mark for each PO is calculated. Based on these marks , the policies and action plan are formulated at department level. Employers Feedback: Feedback from employees is taken by training and placement office. Which are then forwarded to departments .The departments then carry out similar mechanism as described above.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Civil	120	53	53
BE	Computer	180	135	123
BE	E&TC	180	12	11
BE	IT	60	28	28
BE	Mechanical	240	37	36
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	2675	31	135	9	15

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
159	138	15	30	2	19
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, Students mentoring system is available in the institution from its inception. It is implemented through Teacher Guardian Scheme as follows: 1. One teacher guardian is appointed for one batch of 15 to 20 students who interacts with students both formally and informally. 2. The meeting of the students and teacher guardian is conducted fortnightly. 3. In these meetings , teacher guardian counsels the students about their personal problems, academic performance, any issues faced by them with fellow students, faculty , office , library , infrastructure , hostel ,mess etc. 4. The discussion points are recorded and shared with HOD. Who then takes appropriate decisions and also forwards to concerned persons. 5. The teacher guardian also keeps rapport with parents of his batch and periodically contacts the parents to inform about attendance , academics and other issues.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2706	159	1:17

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
159	129	30	30	17

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
No Data Entered/Not Applicable !!!			
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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
No Data Entered/Not Applicable !!!				
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

For monitoring the level of students' progress our continuous assessment strategies is well planned and designed. Continuous assessment of learners' progress whereby the final grading of learners in the cognitive, affective and psychomotor domains of learning systematically takes account of all their performances during a given period of education. At the institute level also, we give emphasis on continuous assessment policy wherein regular monitoring and checking of experimental journals and assignments. The use of continuous assessment sheet in a prescribed format is implemented as a part of the measures that are used to improve educational outcomes as well as students' learning. In continuous assessment sheet marks are assigned of attendance, understanding and quality of journal while doing assessment by staff. The Mid-Term submission of practical's term work record verifies the performance of students and corrective action is taken if required. The weak students are given more attention and effort by faculty by conducting repeat turns for

practicals. The cumulative mark scored by students at the end of semester serves as a criterion for assiging marks at university examination. Spoken tutorial tests are conducted on regular basis to evaluate students' performance. The students' performance is also monitored by conducting unit test and prelim exams as per academic calendar. Remedial sessions are conducted for students with lesser performance. The students are asked to solve the assignments for subjects in which they are failed. Positive results were achieved by conducting such session in university examination.

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

As our institute is affiliated to Savitribai Phule Pune University the University provides academic calendar at the start of every academic year detailing the commencement and conclusion of semesters, Schedule of various examinations like theory, online, practical, oral, project is given by providing adequate time for implementation of academic plans. At the outset, the Principal and Vice Principal of the college conduct meetings with all head of departments to develop strategies for effective implementation of the curriculum and accordingly academic calendar of institute is prepared. It is prepared for all classes taking care of academics, co-curricular and extra-curricular activities. It is useful for smooth conduction of different activities. It mentions commencement and conclusion of teaching, schedule for various internal examinations (theory, online, practical, oral, project) and the date(s) of declaration of results. The institute monitors the program through interactive meetings of HODs and Principal. For monitoring the plans the work is divided into various portfolios at department and institute levels dealt through various appointed committees. Also the academic work is distributed among staff taking into consideration their areas of expertise and field experience for theory and practical sessions. All these activities are monitored through periodic meetings of domain heads and HODs. The field expertise available outside the institute is also availed through guest lectures, workshops and industrial visits with joint efforts through MOUs. HODs continuously monitor the effective implementation of the academics through personal follow ups of the teaching plans, monitoring them through personal interaction with the students and staffs.

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://cms.sinhgad.edu/media/479443/po%20pso%20co.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
618737210	BE	E&TC	169	154	94.92
616724610	BE	IT	66	64	96.97
618719110	BE	Civil	144	136	94.4
618724510, 618724520	BE	Computer	203	183	90
618761210, 618761220	BE	Mechanical	231	203	88.26

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://cms.sinhgad.edu/media/479446/student%20satisfaction%20survey.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
Projects sponsored by the University	365	BCUD	39000	0
Projects sponsored by the University	1095	BCUD, SPPU	460000	230000
Projects sponsored by the University	1095	BCUD, SPPU	44000	22000
Projects sponsored by the University	730	ISRO UOP Joint Research Program	1666000	495000
Projects sponsored by the University	730	BCUD, SPPU	285000	95000
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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Civil Engineering Practices on Fields	Civil Engineering	07/03/2019
Advanced techniques in field surveying using Total Station	Civil Engineering	10/04/2019
Legal Documentation	Civil Engineering	30/03/2019
Tekla Structure Training	Civil Engineering	25/09/2018
Seminar on Conquerors of Oestiny	Computer Engineering	28/01/2019
Seminar on Coding Mania(Hackathon)	Computer Engineering	11/01/2019
Android Studio Workshop	Computer Engineering	11/09/2018
Cyber and Mobile Security	Computer Engineering	18/01/2019
Cross Platform Mobile App. Development	Computer Engineering	11/01/2019

Data Science	Computer Engineering	22/02/2019
Microsoft certification in securities	Electronics and Telecommunication	24/08/2018
Relational database management systems	Electronics and Telecommunication	07/09/2018
Career opportunities	Electronics and Telecommunication	25/01/2019
Microsoft Education Tools : Promotion Introduction to Faculty	Electronics and Telecommunication	19/12/2018
One Week FDP on Cyber Security	Electronics and Telecommunication	25/01/2019
Workshop on Applications of mathematics in engineering sciences	First Year Engineering	04/01/2019
Seed-IT IDOL 2019 by Mahesh Rajnale, Sr.Marketing Executive, SEED Infotech Ltd. Pune	Information Technology	18/01/2019
Guest Lecture on "Project Approach and Tech Awareness".by Mr. Tanul Mohod , CEO, Opulent	Information Technology	28/07/2018
Seminar on Higher Education by Mr.Bipin Sinhnway, Mersion (SkillTree Consortium)	Information Technology	24/08/2018
"Introduction to IOT and its applications and implementation will done" during Techtonic.	Information Technology	08/04/2019
Seminar on Recent Trends in Mechanical Engineering	Mechanical Engineering	21/02/2019
Application of CAE in BAJA	Mechanical Engineering	28/08/2018
Workshop on Fundamentals of Automobile and Off road Racing	Mechanical Engineering	29/07/2018
Recent Trends in Plastic Moulding	Mechanical Engineering	29/03/2019

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
Design for safety	Team Arihant	QBDC TORC	25/09/2018	Design for safety
Design of suspension	Team Arihant	QBDC TORC	25/09/2018	Design of suspension
Blue tooth controlled Baterry	Team E-volution Raccing	ISIE,Delhi	09/02/2019	Blue tooth controlled Baterry

Management system					Management system
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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
SAE	SAE Mechanical	Self	Scrap Deal	Scrap Disposal	13/07/2018
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
No Data Entered/Not Applicable !!!		

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

Name of the Department	Number of PhD's Awarded
Mechanical	4
Electronics and Telecommunication	2

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	Civil	1	6.88
International	Computer	2	3.2
International	ETC	1	3.12
National	FE	1	5.8
International	Mechanical	8	6.2
International	IT	3	0
International	FE	1	0
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Civil	1
Computer	10
Electronics and Telecommunication	3
Information Technology	7
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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

	No Data Entered/Not Applicable !!!
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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
No Data Entered/Not Applicable !!!						
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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	7	5	22	53
Presented papers	22	3	Nill	Nill
Resource persons	Nill	Nill	Nill	8
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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
No Data Entered/Not Applicable !!!			
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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
Blood Donation camp	Certificate and trophy	Sasoon Sarvopchar Hospital Blood Bank, Sasoon Road, Pune	100
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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
Awareness	NSS SPPU	Non Violence (Guest Lecture)	1	25
Gender Issue	NSS SPPU	Behavior change respect of sanitati	1	25

Swachh Bharat	NSS SPPU	Swachata Hi Seva, Street Cleaning	1	25

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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
Research	Dr. N. P. Dharmadhikari	Nil	730

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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
No Data Entered/Not Applicable !!!					

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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
Seed Infotech Ltd. Pune	16/01/2019	To provide Project Sponsorship, Internship, Training, Guest Lecture, Workshop to students. Seed-IT IDOL 2019 Competition	80
Designtech Systems Ltd	05/04/2019	Internship	7
Opulent Infotech, Pune	16/07/2018	Guest Lecture on Project Awareness for BE Students	65
CADD Centre	16/07/2018	Guest Lecture for Students on Introduction to Civil Engg Softwares	218

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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
20	2.65

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar Halls	Newly Added

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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
Easylib	Partially	1	2006

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	113	55926	34	6500	147	62426
Reference Books	58	53538	91	36223	149	89761
e-Books	Nill	Nill	300	Nill	300	Nill
CD & Video	Nill	10	Nill	10	Nill	20
Library Automation	1	30000	Nill	Nill	1	30000

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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
A. M. Magar	Online exam	Moodle	16/07/2018
Dr. N.P.Dharmadhikari	Planning for Groundwater Recharge Distribution(Selected in top 10 videos)	Jal katha 2019 Stories of Water	24/03/2019

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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	588	22	588	1	1	15	480	55	33
Added	0	0	0	0	0	0	0	0	0
Total	588	22	588	1	1	15	480	55	33

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

55 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
DSpace	http://172.16.105.13:8080/jspui/handle/123456789/1

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
20.43	**18.32**	**37.35**	**68.09**

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)

Classrooms, Laboratories, Computers: The institute allocates sufficient funds for regular maintenance of the entire college facilities. The institute reviews the requirements regarding building, furniture, laboratory equipments, computers etc before the academic session begins and budget allocation is done taking into consideration the academic needs.The institute has appointed a team of personnel of all kind of maintenance staff on the payroll of the college which is duly supervised by the Registrar/ A.O. The institute has appointed housekeeping staff for day to day cleanliness of corridors, washrooms, classrooms, laboratories, hostels and maintenance of the premises. The maintenance of water coolers is carried out by an annual maintenance contract. The institute has appointed Electrician for repair and maintenance of electrical works. Laboratory equipments are serviced and repaired by the technical assistants of their respective departments for minor repair or by the concerned manufacturers for major repairs. The maintenance of computing facility is carried out by the system administrator and the technical assistants of the respective departments. For the repair and maintenance of civil works, a requisition slip is submitted by the Head of the Department through the Principal to the Campus Estate manager. Finally periodic checks, reviews and observations by the higher authorities help in upkeep and maintenance of the campus. At the end of the each semester the physical verification of laboratory equipments is carried out. The instruments which are not working are identified and are repaired by the respective vendors/ service providers so that the instruments are ready before the academic session begins. The day to day maintenance is carried out by the technical staff. The system administrator along with the technical staff ensures the maintenance of computers and networking facilities. Library In the begining of the academic year, librarian sends the circular to the HODs for the book requirement related to their respective discipline. Librarian then compiles the requirement. While preparing purchase order, library advisory committee checks the availability of

the book, Usage of book, change of syllabus and the norms are taken into consideration. After procurement of books new arrivals list is diplayed on notice board and time to time notications are being sent to staff and students about new arrivals of the library. Different log books has been maintained in different sections of the library which shows the usage of books, journals and e-reasources by staff and students. The Library is automated with Easy Lib library management software and the operations of cataloging, circulation, stock verification have been automated. Online Public Access catalog (OPAC) enables user to search the books in the possession of the library. Softwares used in Admin office: 1. Gems :- Used for faculty details, all type of leaves, sudents data and students' placement information. 2. Tally :- Used for accounts purpose 3. Paywhiz :- Used for Salary and TDS purpose 4. Aspire :- Used for fees and students' information purpose

http://cms.sinhgad.edu/media/479455/procedures%20and%20policies.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	Nill	Nill	Nill
Financial Support from Other Sources			
a) National	Nill	Nill	Nill
b)International	Nill	Nill	Nill
View File			

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

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			
View File			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Sinhgad Overseas Cell	950	6	85	135
2018	Guest lecture for Gate and CAT	90	80	3	Nill
2019	Guidance for Higher study outside	85	75	4	Nill

	India				
2019	MPSC AND UPSC exam	95	87	4	4
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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
Nill	Nill	Nill

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
No Data Entered/Not Applicable !!!					
View File					

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	1	BE	Civil	Symbiosis International University	MBA
2018	1	BE	Civil	AISSMS College of Engineering, Pune	ME
2018	1	BE	Civil	Shri Ramdeobaba College of Engineering and Management,Nagpur	ME
2018	1	BE	Civil	RMD Sinhgad School of Engineering,Warje,Pune	ME
2018	1	BE	E&TC	BVPCOE	ME
2018	1	BE	E&TC	MIT-VPU	MS
2018	1	BE	IT	Monash University, Australia	MS
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year

Items	Number of students selected/ qualifying
GRE	8
GATE	5
Civil Services	2
TOFEL	2
Any Other	5
No file uploaded.	

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

Activity	Level	Number of Participants
Kabaddi (Boys) 5	Intercollegiate	228
Kabaddi (Girls) 5	Intercollegiate	55
No file uploaded.		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Athelitics	National	1	Nill	P130	Chitale Trupti
2019	The international Dance Council, B Haratnatyam Level-9	International	Nill	1	YHPGF19	Prearana Anil Kharat
No file uploaded.						

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

Student Council of Sinhgad Academy of Engineering is an association to develop competence in students to face the newer challenges of todays globalized world through holistic development. Institute provides a platform for the participations of the students in the various academic, administrative bodies and other activities. This allows the students in gaining leadership qualities, rules, protocols and execution skills. This council provides a platform for students to support, share and excel in potential qualities. This association includes various sections such as Placements, Start-up and Innovation, Alumni, Women Empowerment etc.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The registration of "Alumni Association SAE Kondhwa (Bk.), Pune" was done in year 2010 with Registration No. MH/1551/2010/ Pune dated 29/07/2010. Alumni Body Dr. K.P.Patil (President) Prof. S.A.Ladkat (Co-ordinator) Members Dr.P.S.Deshpande Prof.P.R.Patil Prof.A.V.Dube, Prof.L.J.Deokate Prof.S.S.Borate

Prof.A.G.Kale Vision : Meet old friends, make new friends and discover new opportunities. Mission : SAE Alumni Association provides and supports alumni programs and services, facilitates communication with alumni and seeks to strengthen alumni bonds of fellowship, professional association, leadership and the service of humanity. Objectives Prospective : recognizing that affinity for the SAE experience begins with the quality of the graduate student experience and is enhanced through lifelong learning and engagement. Supportive : responding to and anticipating the needs and interests of graduate alumni must guide our efforts in promoting their personal and professional development. Comprehensive : supporting and developing the graduate alumni network requires a "Whole of SAE" approach, one that fully integrates the efforts of all SAE's , on campus and worldwide. Inclusive : our approach must also enliven and enrich the lives of graduate alumni by reinforcing an atmosphere of fellowship. Alumni Association strives to develop connections among alumni and institute to strengthen their commitment to SAE. Alumni meet provides platform to share their view and support for the institute. It helps to bring new technologies, build professional relations with industry and update the knowledge of economics

5.4.2 – No. of enrolled Alumni:

10519

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

SAE Alumni Association was established in 2010. Till now we have organized seven alumni meets, for which the response was very good. First Alumni Meet was conducted on 20th March 2010 for which total number of participants were 81. Second Alumni Meet was conducted on5th March 2011 for which total number of participants were 183. Third Alumni Meet was conducted on25th Feb 2012 for which total number of participants were181. Fourth Alumni Meet was conducted on22nd March 2014 for which total number of participants were 233. Fifth Alumni Meet was conducted on28th Feb 2015 for which total number of participants were 300. Sixth Alumni Meet was conducted on2nd April 2016 for which total number of participants were 323. Seventh Alumni Meet was conducted on8th April 2017for which total number of participants were 334. Alumni Contribution- A guest lecture at FE Induction programme was taken by our Alumni student Mr. Achinyta Paradkar in the month of August 2018. The topic for the lecture was Scope of Mechanical Engineers in Industry. Mr. Achinyta is currently working as a Simulation Engineer for Jaguar, Land Rover Advanced engineering, Tata Technologies, Pune. A Guest lecture on Career Guidance was conducted by Mr. Aniket Katyarmal a student of first batch of Mechanical Department 2008 – 09 on 25/07/2015. Mr. Aniket Katyarmal is presently working with TATA Motors as a Manager. The lecture was conducted for SE, TE and BE students to guide them on future scope in Mechanical Engineering. Mr. Aniket Katyarmal also shared his work experience. Workshop on ATV design AUTO Quotient was conducted from 11/07/2015 to 12/07/2015 by our Alumni student Mr. Lokesh Rane and Team of Mechanical Department (FORZA Racing and Team). The basic objective of the workshop was Race craft, get hand on basics of an automobile, and get practical knowledge. "Mobile application Development Role of Cloud in Mobility" guest lecture was conducted by our Alumni student of Computer Department Mr. Dhanjay Chaubey, who works as Team Lead in Aexonic Technologies Pvt. Ltd, Pune on 05/07/2014.

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 promotes governance through the participative management of authorities at various levels. The duties, responsibilities and authorities are well known at all the levels of the employees, which are exercised by them in a decent and conducive manner and the work harmony is maintained at all levels in academic, financial and administrative works. 1. The Principal of the institution in the role of academic controller exercises his monitoring through HODs of all departments. It is done by conduction of regular periodical meetings of all the HODs right from planning of forth coming semester, framing of academic calendar, internal/ external exams, mid-term/ end-term submission of term work, industrial visits/guest lectures/seminars/workshops to be organized, planning regarding conduction of annual/term events like gathering, alumni meet, parent meets, technical events of Techtonics, Sinhgad Karandak etc. HODs are free to express their opinions and innovative concepts in the meetings regarding the planning details and methodologies to be adopted, which are appreciated and due consideration is given by the Principal on each such point and the decisions are taken through participative discussions. 2. Every HOD conducts the meeting of his individual department in which the teaching and non-teaching staff members are participants. In these meetings he takes the decision regarding distribution of the subject to be taught in the forthcoming semester giving due consideration to the choice, the teaching/ field experience, qualification/ specialization, achievements in the form of results/ feedback from the students and parents regarding the teaching of that teacheretc. Similarly, the portfolios of various works related to academics viz. departmental academic monitor, domain heads of a cluster of similar subjects/using same laboratories, class teachers to every divisionand teacher guardian to every batch of that division, coordinators for various events and activities at the institutional level. 3. The domain heads, in their turn, deal with the share of their responsibilities by conducting meeting of teachers and technical lab assistants of their domain for fine level planning, execution, monitoring of the inventory/test material/resources and teaching learning process in the labs and classrooms, industrial visits, guest lectures, seminars, workshops of their domain subjects. Here, also, the due consideration and weightage is given to opinion, experience, qualification etc. of each participant in decision making process. Finally, each subject teacher and laboratory demonstrator conducts teaching learning sessions with due consideration and respect to difficulty/ doubts raised by the students in the running sessions or any time afterward to resolve it to the satisfaction of the student. Also, the queries raised by the parents of the students regarding anything related to academics, fees, schedule of exams, performance of his/her ward in academic/ extra-curricular activities is resolved with full initiative, enthusiasm and interest by each Teacher Guardian, Subject Teacher, HOD, VP and Principal till the satisfaction of that parent, considering him also a Principal Stake Holder of the Education system as a whole. Thus the participative management is thoroughly maintained at every level in the institute for maintaining work harmony and high efficiency level.

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

No

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 entire admission process of the student is governed as per norms by

	AICTE, DTE and Govt. Of Maharashtra.
Industry Interaction / Collaboration	• The III cell is actively interacting with Industry • 60 reputed organizations are working with the Institute under MOUs • Different National / International activities like Guest Lectures, workshop, internship, projects, project sponsorship, faculty training are carried out.
Human Resource Management	• The service rules, Pay-packages and other facilities are given to faculty and staff as per norms by SPPU Govt. Of Maharashtra. • The facilities like (1) EPF, (2) Gratuity, (3) GIS, (4) EMBF and leaves like Casual Leave (CL), Study Leave (SL), Medical Leave (ML), Maternity Leave, Earned Leave (EL) and Vacation are given to faculty and staff as per norms. • Promotion and assistance for professional development. • Support for higher education. • Performance appraisal evaluates quantitatively and qualitatively the academic, administrative and research contribution of the faculty and staff.
Library, ICT and Physical Infrastructure / Instrumentation	The Library is automated with Easy Lib library management software and the operations of cataloguing, circulation, stock verification have been automated. Online Public Access catalogue (OPAC) enables user to search the books in the possession of the library.
Research and Development	• Policies for R and D and consultancy are finalized and made available to faculty. • Faculty and students are motivated and promoted to carry out research. • Student and faculty are encouraged to file the patents.
Examination and Evaluation	• Examination is conducted as per norms rules and regulations by SPPU Pune. • Formative and summative assessment is done.
Teaching and Learning	• ICT based Teaching Learning process is followed. • Innovative teaching methodologies are included in teaching plan like cross word puzzle, role play etc. • Content beyond syllabus is planned to meet the objectives • Course allocation is done to faculties prior to start of semester. • Teaching Plan is prepared and made available to student. • Implementation is done and monitored as per plan.

Curriculum Development	• The curriculum is developed by SPPU Pune gets upgraded after every 4 years. Revised syllabus of TE implemented from 2017-18. • Faculties are actively participating in the process of design and development of curriculum at various levels such as member BOS, coordinators for subject revision, etc. The faculties attend the syllabus revision workshop • The course objectives and course outcomes are analyzed regularly to find the gap if any, and the domain experts along with the subject teachers are deciding the corrective measures such as Content beyond syllabi, Industrial visit, The guest lectures, Workshop, etc.

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

E-governace area	Details
Planning and Development	The University provides academic calendar at the start of every academic year online. The institute plans accordingly its academic calendar of all classes for academics, co-curricular and extra-curricular activities which is circulated to staff and stakeholders via email and WhatsApp.The notifications related to execution of curricular and non curricular activities are send via mails. The institute committee which includes members from teachers and office staff to help out with the planning and execution of development/ modifications of the college infrastructure. This committee discusses receives online information in prescribed format from department's for their requirements. The budget required and budget sanctioned is reviewed. The department makes comparative statements of online quotation send by vendors for purchase and sent to central committee for approval by mails. The stock verification report is reviewed periodically with purchase receipts data for assessment.
Administration	After the implementation e-governance, we have improved the delivery of services to students, faculty by providing services like enrollment, feedback of students, requests for documents, requests for certificates, issuing admit cards and ID cards etc. The implementation of E-

	governance in administration provides new ways of communicating to the students. The biometric attendance of staff is taken and monitored by generating report daily using software. The system provide timely alert to colleges through SMS / Emails from governing bodies to send requisite data online such as:- 1. AICTE: Online notice from AICTE web portal for Extension of Approval. All related information and document uploading on same portal with in time limit. (i.e. Teaching Staff information, college Infrastructure, other facilities etc.) 2. SPPU: Affiliation Continuation proposal online submitted to SPPU along with required documents 3. Admission Regulating Authority (ARA): All first year and Direct second year student information online submitted on ARA portal. 4. DTE: Institute information and college intake information online submitted in DTE portal (Additional intake/ Reduction/ New courses) 5. Scholarship: (SC/ST/ OBC/ SBC/NT/VJNT EBC/ EWS) all respective students fill up online scholarship form from govt. web site. Scholarship section online scrutinized forms and submitted to scholarship department (Govt.) 6. Eligibility: All admitted first year DSE student information online submitted to SPPU Eligibility department along with fees. 7. JK Scholarship: All admitted first year DSE student information online submitted to Central Govt. Scholarship department. The implementation of E-governance in administration at departmental level provides new ways of communicating to the students through WhatsApp, email for notices and teaching- learning process. The reports of students attendance, feedback system are generated online using software.
Finance and Accounts	The following software's use for accounting work 1. Collection of Student / fees software's : Aspire software 2. Account: Tally software. 3. Salary: Paywhiz software. 4. On line Payments: TDS, Salary, GST, Creditors payment, Student Refunds and RTGS. 5. Online fees received from student through RTGS / NEFT etc.
Student Admission and Support	The students are admitted in our institute through the Centralized

		Admission Process (CAP) governed by Maharashtra State Governments, State Common Entrance Test Cell. The stages of CAP are as follows:- 1. Display or Publishing of Information Brochure on web site. 2. Filling Online Application Form by Candidate for participation in the Centralized Admission Process. 3. Document Verification at Facilitation Centre by the Candidate. 4. Display or Publishing of Provisional merit list on website. 5. Filling up and confirmation of online preferences of Courses and Institutions prior to respective CAP Rounds. 6. Display of Provisional Allotment of respective CAP round indicating allotted institute and Course. 7. Reporting and accepting the offered seat at Admission Reporting Centre (ARC) by the Candidate. 8. Only after reporting to ARC, the candidate should report to the allotted institute for online admission. 9. The final fee approved and published by the Fee Regulating Authority for that year shall be the fee payable by the candidate for that course for that academic year. 10. Every student admitted is issued an Eligibility Number (EN) after filling information of students on University portal by Administration office of our institute. 11. Permanent Registration Number (PRN) is allotted by university portal to create profile of Student for examination.
	Examination	The implementation of e-governance SPPU has enabled effective real time bringing transparency in the examination system. The candidates appearing for examination under Savitribai Phule Pune University has to fill UniPune Exam form online by visiting the site http://www.unipune.ac.in. for creating account. The data filled by student is verified by OTP generated on his registered mobile number. The students has to fill EN, PRN and other details .The examination fees is paid online and receipt is generated and printout taken by student. The College Exam officer (CEO) is appointed by Exam section of SPPU who conducts Insem and Endsem examination at college level. The question papers are mailed to CEO by university in PDF format just before the start of exam. The print of

	question paper is taken after the OTP sent by CEO through his registered mobile is verified for authencity.The uploading of internal marks and Insem evaluation is done by staff members on University Portal. The result is declared online and ledger of same is mailed to college by University.

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
No Data Entered/Not Applicable !!!				
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	Cyber Security Data Sciences	Cyber Security Data Sciences	08/04/2019	13/04/2019	4	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
No Data Entered/Not Applicable !!!				
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
129	129	104	104

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• Gratuity • Study Leave • Staff development • Staff Quarters •	• Gratuity • Study Leave • Staff development • Staff Quarters •	• Students' Insurance • Earn Learn Scheme

Medical Facility • GIS	Medical Facility • GIS	

6.4 – Financial Management and Resource Mobilization

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

Institute conducts Internal and Statutory Audits for every financial year. There are two separate audit committees for both the audits. Statutory audit is done through CA K. S. Mali. Audit is done basically for : All recurring and non-recurring expenses i.e. fixed assets, salaries and wages, investments, cash and bank, repairs and maintenance of building and other assets, electricity and water expenses etc.

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
No Data Entered/Not Applicable !!!		
View File		

6.4.3 – Total corpus fund generated

0

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	SPPU, NAAC, DTE	Yes	IQAC
Administrative	Yes	M/s. K. S. Mali Co. (Chartered Accountant)	Yes	Internal Audit Department, STES, Erandwane, Pune-411004

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

• Parents Meeting Every Semester : The institute is in continuous contact with parents for students performance and less attendance and improvement. For First and Second Year Engineering students, an orientation/induction program is organized every year. The major intention behind organizing this orientation programme is to introduce faculty with parents for continuous follow up of their wards. For every class, Teacher Guardian system is implemented, where 20 students are allotted to one faculty member. This faculty member is establishing communication with the parents either online or offline and gives the performance feedback of their wards regularly. The academic, extracurricular or any other progress of the student is informed to the parents and both of them are solving the problems faced by the students if any. • Parents help and support : Those parents are working in industry, we are taking the help from them for getting the internships and sponsored projects for students and also arrangeing knowledge sharing sessions. • Parents Feedback : Every semester we are taking the feedback from the parents for any kind of suggestions for the improvement. Parents also support for the welfare of students, faculties and for the development of the institutions.

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

1. The support staff is always given opportunity for higher education in his department itself by giving concession for attending lectures and practicals by adjusting his work load. 2. The supporting staff is allowed to attain the certified courses conducted under Students Training Programs especially regarding learning of Engineering software of professional quality. 3. The supporting staff is allowed to undertake professional training by the vendor companies for repair and maintenance of lab tools and Equipment and operating them.

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

1. The Local Chapter of NPTEL was opened at the Institute level to strengthen the knowledge source and tapping it regularly. 2. Registration with IIT Spoken Tutorials was carried out and students were facilitated to register and appear for their certified examinations. 3. Institute level Internship Cell was established to enhance the interface of students with the industries. 4. Institute branch of Sinhgad Overseas Cell (SOC) was started for facilitating the students and staff for higher education and internships in reputed Universities abroad. 5. Departmental Research and Development (R D) laboratories were established to foster research practices among staff and students. 6. Use of ICT was enhanced by faculty in the teaching learning process. 7. The efforts for improving and maintaining sustainable environment were taken so as to make the campus more eco-friendly.

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
2018	Student Training Program	04/07/2018	09/07/2018	22/03/2019	2000
2018	Value Addition Programs	04/07/2018	20/08/2018	22/03/2019	796
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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
Nirbhay Kanya Abhiyan	01/03/2019	20/03/2019	100	Nill
Women's Day celebration	08/03/2019	08/03/2019	89	Nill

Girls Health Check UP	17/03/2019	17/03/2019	120	Nill
Self-Defense and safety awareness	01/03/2019	01/03/2019	45	Nill

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

1) Percentage of power requirement of the university met by • Renewable energy sources • Celebration of days to indicate environment consciousness among students through celebrating days such as environment day, Earth day and water day 2) Tree plantation drive has been conducted within campus and outside campus on various occasions throughout the year viz. Environment Day, Earth day, Water day etc. 3) Monitoring the effective utilization of water through sprinkler Irrigation system for lawns to cover larger areas in optimum water content. Also Recycling of sewage water is done through STP (Sewage Treatment Plant) 4) Plantation of trees, development and maintenance of lawns, their nurturing is done by manual systems to optimize over the water consumption, power consumption(hand operated lawn trimmers, tree branches cutters/ trimmers). 5)Recycling of waste water of sewage generated through college and hostel is done through a special system constructed and operated daily. All the trees lawns, flower beds, botanical garden of medicinal plants in the campus is maintained through it. 6) Entire open land is properly utilized under green coverage and properly maintained throughout the year through paid special care takers for it. 7) A 25000 liters capacity Biogas plant is constructed and maintained on sewage generated through college hostel canteens and mess. Also bio disposable wet solid waste generated through floor sweepings garden/lawns trimming operations is fed to this plant. This Bio-Gas plant caters the need of Engineering canteen cooking gas to large extent. 8) Solar panels are installed and maintained on hostels and college buildings catering need of hot water requirements of hostel and battery backup. 9) Rain water harvesting system is permanently constructed and maintained for water recoupment of bore wells and ground water level. 10) Large number of B.E. final year projects and T.E. seminar topics are undertaken by students from Environmental Engineering domain for making them environmental conscious. 11) "No bookeys but plant saplings" concept is thoroughly adopted while felicitation of any kind throughout the year in the college campus. Plant saplings of native species like Neem, Pimpal, Babhul, Banyan tree, Mango, Lemon, Tulas etc. are provided for felicitation to the dignitaries, guests, celebrities, award winning students, teachers in various functions and activities throughout the year. 12) Students are given guidance to work on social awareness through National Service Scheme (NSS) and through various social programs conducted by students under the departmental students' associations.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	Nill
Rest Rooms	Yes	Nill
Braille Software/facilities	Yes	Nill
Physical facilities	Yes	Nill

7.1.4 – Inclusion and Situatedness

Year	Number of	Number of	Date	Duration	Name of	Issues	Number of

	initiatives to address locational advantages and disadvantages	initiatives taken to engage with and contribute to local community			initiative	addressed	participating students and staff
2019	1	1	22/01/2019	7	Watershed development	Water	56
2019	1	1	22/01/2019	7	Survey of Health issues	Health	56
2019	1	1	22/01/2019	7	Social awareness programs	Social	56
2019	1	1	13/02/2019	1	Blood donation	Raised awareness of blood donation among college students, teaching and non teaching staff	100
2019	1	1	18/03/2019	1	Tree Plantation at Kondhwa Hospital	Reforestation	50
2019	1	1	08/01/2019	1	Orphan school visit	Donated school stationary	50
2018	1	1	25/09/2018	1	Swachata Hi Seva, Street Cleaning	Cleanliness	50
No file uploaded.							

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

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Lokshahi Pandhrawada	05/02/2019	05/02/2019	42
Marathi Bhasha Gaurav Din	27/02/2019	27/02/2019	55

Yoga day	21/06/2018	21/06/2018	70
Mahatma Gandhi Jayanti Week	24/09/2018	02/10/2018	512
Women's Day	08/03/2019	08/03/2019	50
Nirbhay Kanya Abhiyan	01/03/2019	20/03/2019	167

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

1. Biogas plant running on daily generated bio-degradables from college hostels, mess, canteens sewage and daily generated biodegradable solid waste of mess, canteen, lawns/gardens' vegetation garbage. Engineering canteen's cooking gas requirement is met with largely by it. 2. Sinhgad colleges are well known for properly maintained greenery in its campuses throughout the year. Recycling of sewage waste water for gardening purpose to maintain greenery of the campus through bio medicinal plants, gardens/lawns, trees and flower beds. The recycled waste water containing well treated rich natural manure which requires no artificial fertilizers and chemicals for maintaining lawns and greenery in the campus. 3. Solar geysers are provided for hot water requirement on all three hostels catering the need to around 95 percent of its annual extent. 4. No auto vehicles are allowed to move inside the premises but students access the places onside by walk. 5. Recoupment of ground water level is done through water harvesting technique using two bore wells and two open wells as feeder sumps. 6. Solar battery backup is provided to office electricity supply. 7. Local native tree plant saplings instead of bouquets in all functions in the college. 8. Students are convinced to use both sides of journal papers for writing and to reuse of same file covers throughout all four years for the purpose of submission of files of term work. 9. Natural light and ventilation is derived to its maximum capacity by keeping open all doors, windows and ventilators. 10. Culture of switching off lights/fans while not being used is nurtured in the college.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

• Students Training Programs (STPs) to improvise the soft and technical skill sets of students through well structured modules • Internship Cell (IC) to enhance field exposure of the students with the industries • Industry Institute Interaction Cell (IIIC) to facilitate interface between students and industries through expert lectures, seminars, workshops, sponsored projects, industrial visits etc • Train The Trainers (TTT) to facilitate the exposure to teachers of the experts in respective domains across Sinhgad Technical Education Society and improvise teaching learning process for the betterment of students • Teacher Guardian (TG) Scheme to address personal / academic issues pertaining to the students • Institute Level Repository for E-Content developed by faculty for easy study reference to students • SMS gateway is used to send information regarding students' academic performance and attendance details to their parents regularly • Department wise Whatsapp groups for faculty and the students to have instant communication regarding academic interaction, Training and Placement (TP) activities etc • 'MOSAIC' (College magazine) and departmental newsletters, published periodically as a platform for exhibiting and highlighting students' achievements, articles, creations in various arts and skills

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

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

Vision of the institution is "Produce not only good engineers but good human beings also. The institute is well renowned for its academic excellence and placements. The Institute makes an effort to develop value- based mindset, intellectual perception, social and also environmental sensitivity, health awareness through varied meaningful and participative programmes which goes far beyond the pure academic pursuits of designated syllabus. The National Service Scheme was introduced in 1969 at Savitiribai Phule Pune University as a part of academic program. Our institute in the realm of NSS conducts various activities with the ultimate aim to inculcate bond of patriotism, national integration and communal harmony among the volunteers. The 'Swachhata Hi Seva' a mission under "Swachh Bharat", a waste management and cleanliness drive was organized on 27th September, 2018 by the NSS volunteers with main motive to spread awareness about cleanliness, proper management of garbage As a part of this mission free dustbins were distributed to residents, vegetable vendors and clinics. Upholding Gandhian values a competition was held on 'GANDHI-LIFE AND WORK, inspiring the students and audience morally. The competition was concluded by a speech from an eminent personality, Dr Chandrakant Kulkarni, signifying various inspiring episodes of Mahatama Gandhi's life. The speaker compared violence with non-violence by giving various relevant examples from day to day's life and how we can follow the Mahatama Gandhi's principles in our life. On 8th January, 2019 volunteers visited Orphanage for girls in Pune. The students interacted with them socially adding a moment of cheer and happiness in their life. On 12th February, 2019 a seminar was conducted on 'DRIVING DISCIPLINE AND OUR LIFE', by Mr. C. M. Nimbalkar (Police inspector, Kondhwa branch) and Dr. Nikhil Tripathi (Neurosurgeon) highlighting the impact of road accident on human life, which certainly brought awareness among the youthful students. On the following day 'BLOOD DONATION CAMP' was organized in association with 'Sassoon General Hospital, Pune to raise awareness that individuals can save lives and improve the health of other. The students participated overwhelmingly with record numbers of blood donors. A seminar on 'CONSTITUTION OF INDIA AND RESPONSIBLE CITIZENS' was organized on 28th February, 2019.The speaker of the day Mr. Shrikant Laxmishankar emphasized the history, purpose and values of the Constitution and the duty of citizens to abide by it. As one of the prime objectives of NSS is to instill nationalism among students, a seminar on 'INDIAN ARMY OPPORTUNITIES FOR EMERGING YOUTH' was held on 01st March, 2019. The speakers Col. R.K. SINHA and Col. C.M. CHAVHAN from 'GURUDEVA'S SSB ACADEMY accentuated the role of a combat engineer in construction of bridges, track and helipad to provide mobility to our armed forces. They highlighted the opportunities and also in guided the students in joining the Indian Army. The vision to create good human being is one of the highest priorities and is well thrusted among students by our institute.

Provide the weblink of the institution
http://cms.sinhgad.edu/sinhgad_engineering_institutes/saoe/about_us.aspx

8.Future Plans of Actions for Next Academic Year

• To start Social Media Cell for effective interaction of students and teachers with the social domain • To establish Competitive Examination Preparation Cell for supporting aspiring students to prepare for such examinations • To increase percentage placement of the students in the aspiring industries and in the promising projects • To enhance the interface of students with the industries through scheduled internship programs • To promote the students for pursuing

higher studies in the fields of their interests in the Indigenous and Foreign Universities • To motivate the students to undertake field projects through Industry Institute Interaction Cell (IIIC)