



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution		SINHGAD ACADEMY OF ENGINEERING
• Name of the Head of the institution	Dr. Kishor P. Patil	
• Designation	Principal	
• Does the institution function from its own campus?	Yes	
• Phone no./Alternate phone no.	02067571115	
• Mobile no	9545754563	
• Registered e-mail	saeprincipal@sinhgad.edu	
• Alternate e-mail	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	
• Pin Code	411048	
2.Institutional status		
• Affiliated /Constituent	Affiliated	
• Type of Institution	Co-education	
• Location	Urban	

• Financial Status	Self-financing				
• Name of the Affiliating University	Savitribai Phule Pune University				
• Name of the IQAC Coordinator	Dr. Kulkarni Shriram Sadashiv				
• Phone No.	02067571116				
• Alternate phone No.	9075969911				
• Mobile	9922431650				
• IQAC e-mail address	iqac.sae@sinhgad.edu				
• Alternate Email address	sskulkarni.sae@sinhgad.edu				
3.Website address (Web link of the AQAR (Previous Academic Year))	http://cms.sinhgad.edu/media/515858/aqar%2019-20.pdf				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://cms.sinhgad.edu/media/515833/academic%20calendar%20%202020-21.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.01	2017	23/01/2017	22/01/2022
6.Date of Establishment of IQAC			12/10/2015		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Civil Engineering	ASPIRE	SPPU	2019 365	130000
Computer Engineering	BCUD	SPPU	2019 730	44000
Information Technology	BCUD	SPPU	2019 730	39000
E&TC	BCUD	SPPU	2019 1416	148543
First Year	STUDENT WELFARE	SPPU	2019 2	8000

8. Whether composition of IQAC as per latest NAAC guidelines	Yes		
<ul style="list-style-type: none"> Upload latest notification of formation of IQAC 	View File		
9.No. of IQAC meetings held during the year	4		
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes		
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded		
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No		
<ul style="list-style-type: none"> If yes, mention the amount 			
11. Significant contributions made by IQAC during the current year (maximum five bullets)			
<p>The online teaching learning process was executed using Microsoft team platform exclusively. Digital library and V-LAB connectivity provided remote-access to simulation-based Labs in various disciplines of engineering which benefited the student's community.</p>			

Various efforts, such as co curricular and extracurricular activities, initiated by students and faculty members of the institute were acknowledged and were technically supported through the institute's Social Media Cell, media channels such as WhatsApp, Facebook, Linkdin and Instagram.

Continuous efforts of IQAC for evaluating online teaching learning process were implemented by conducting online Unit wise test to make the students accustomed to online examination.

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 final year students of all streams in due consideration of demand to fill the gap between the industrial perspective and the University curriculum. VAP on "Career opportunity after engineering graduation" was conducted by Civil department to explore professional opportunity.

The institution's cells such as Industry Institute Interaction Cell (IIIC), Entrepreneurship Development Cell (EDC), and Technology & Business Incubation (TBI) has helped to secure industry sponsored projects for final year students and organizing webinars for students of different disciplines. The Institution always aims for improving Industry -Institute collaboration.

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

Plan of Action	Achievements/Outcomes
Use of Digital library and V-LAB connectivity provided remote-access to library and simulation-based Labs in various disciplines of engineering.	The online teaching learning process was executed using Microsoft team platform exclusively benefiting to students and staff.
To initiate the exposure through social media platforms such as WhatsApp, Facebook, Instagram, LinkedIn etc for integrating the efforts of various stakeholders to appraise, support and promote activities of different Cells for achieving concurrent results	Social media platforms such as WhatsApp, Facebook, Instagram LinkedIn etc are made available through Social Media Cell of the institute, to the stakeholders which received enormous response in overall lakhs of likes and shares. It resulted in overall increment of the students and staff for their proactive initiatives.
To promote faculty for attending online FDPs / Conferences	Count of faculty attending FDPs / Conferences has increased
Take feedback from all the stakeholders viz. Alumni, Industries, students (on teaching learning process, exit surveys) and teachers (about curriculum)	Feed backs from all the stakeholders were collected and analysed
To conduct periodic (quarterly) IQAC meetings	Four meetings were held, and the AQAR was submitted to NAAC on time
13. Whether the AQAR was placed before statutory body?	Yes
<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
Internal Quality Assurance Cell (IQAC)	14/07/2020
14. Whether institutional data submitted to AISHE	

Year	Date of Submission
2020-2021	22/01/2022

15. Multidisciplinary / interdisciplinary

Sinhgad Academy of Engineering is an affiliated college to Savitribai Phule Pune University (SPPU) which is a state university, it has to follow a road map or guidelines prepared and provided by the State Government. Being an affiliated Institute, our course structure and the content for pedagogical transaction is designed by the parent university as per the UGC guidelines. The vision of National Education Policy is to provide quality education on global standards with diversity for all curriculum and pedagogy with technological innovations in teaching-learning process. There are two entries for undergraduate programs after HSC pass and after Diploma pass. Regardless of conventional engineering, All India Council for Technical Education (AICTE) has decided to allow the learners to acquire Honours/Minors with respect to certain exotic and state-of-the-art Engineering domains. With this facility students can acquire Honours/Minors by earning certain number of credits. SPPU has taken this opportunity and decided to allow the learners in the affiliated colleges to avail these facilities which will be a separate degree with a certificate.

The institution currently relies on the affiliated university to provide an innovative and flexible curriculum. NEP 2020 has been given priority by SPPU, which also provides community participation services including the National Service Scheme (NSS). Institution promotes Interdisciplinary projects and research for PG and PhD students. While we will get more clarity in coming months on how the multidisciplinary and interdisciplinary approach to education being proposed in the policy shape up, we welcome the change and ready to implement in our college.

16. Academic bank of credits (ABC):

The institution has not registered with ABC which is on the lines of National Academic Depository (NAD). The University is the only one who can register for multiple entry and exits. Efforts are being made to create a seamless research partnership with institutions of higher learning. Provisions for an Academic Bank of Credit were proposed in the original NEP to allow students to enter and exit their academic programmes at numerous points. This is a novel way to earn and save money using national programmes like SWAYAM, NPTEL, and V-Lab. In this provision, it will also be taken into account for credit transfer and accumulation. By these students will be able to earn

credits and get the program completed. The SAE shall abide by the curriculum and structure prepared by the affiliating university in this regard.

17.Skill development:

Universities and other higher education institutions are designing their curriculum in line with the increased demand for skilled workforce in both the public and commercial sectors. Educationists have been adding a lot of skill-oriented courses to the curriculum in recent years. In order to implement the Make in India plan, it is imperative to produce a young generation with degrees in their chosen fields and additional skill training that would enable them to launch their own businesses after graduating from college. In this way, a college graduate will shift from being a job seeker to being a job provider. Our institution adopted the same mission and in spirit followed the parent university's programme. In addition to the standard skill curriculum from the parent university, our college signed MOUs with various Industries across all branches in a variety of work culture-related areas. Our institution has an ED cell, III cell that has been used to develop student potential by providing guest lectures and organizing workshops.

As was previously mentioned, SAE is an affiliated college and does not develop or carry out its own programme. It must adhere to the planned curriculum offered by the SPPU.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

Indian Knowledge system will include knowledge from ancient India to modern India and clear sense of India's future aspiration with regard to education, health and environment. Teaching of Indian Knowledge System into the curriculum has been initiated by the affiliating University and is being followed. Indian arts and culture is being encouraged by conducting different festivals and organising traditional days. To link Indian art- and culture into teaching learning process which will be strengthened. The linkages between education and culture will be carried out through various online platforms such as SWAYAM, DIKSHA and will be extended to provide teachers & students with a structured, user-friendly, rich set of assistive tools for monitoring progress of learners.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Indian Knowledge system will include knowledge from ancient India to modern India and clear sense of India's future aspiration with

regard to education, health and environment. Teaching of Indian Knowledge System into the curriculum has been initiated by the affiliating University and is being followed. Indian arts and culture is being encouraged by conducting different festivals and organising traditional days. To link Indian art- and culture into teaching learning process which will be strengthened. The linkages between education and culture will be carried out through various online platforms such as SWAYAM, DIKSHA and will be extended to provide teachers & students with a structured, user-friendly, rich set of assistive tools for monitoring progress of learners.

20.Distance education/online education:

Distance education has not been initiated for the engineering courses offered by the affiliating university and as such the institute has no such provision. The college has all the necessary infrastructure and necessary tools to offer online education and this was extremely useful during the Covid-19 pandemic. The institute was highly successful in offering online classes through a myriad of online platforms such as Zoom, Google meet, Microsoft teams.

Extended Profile

1.Programme

1.1	291
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	2497
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	330
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File
2.3	867
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	134
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	147
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	35
Total number of Classrooms and Seminar halls	
4.2	243.97542
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	571
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

This institute is affiliated to SavitribaiPhule Pune University. The University updates the syllabus of all courses periodically owing due respect to technological improvements. 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.

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. Highly qualified and dynamic faculties are involved in curriculum development, study material preparation i.e. notes, PPT, question bank for theory and oral etc, are prepared well in advance.

The evaluation of journals and performance of students in practical sessions is done regularly and noted in prescribed continuous assessment format.

All these activities are monitored through periodic departmental meetings of staff and HOD. 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.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://cms.sinhgad.edu/media/515700/1.1.1.pdf

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

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.

Foreffective implementation of the curriculum and academic calendar, The institute monitors this program through interactive meetings of HODs and Principal. The work is divided into various portfolios at department and institute levels dealt through various appointed committees.

The HODs continuously monitor the effective implementation of the academics throughContinuousassessment sheets and personal follow ups of the teaching plans, Students' performance is evaluated on a regular basis. For monitoring the level of students' progress our continuous assessment strategies is well planned and designed.

At the institute level 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. Remedial sessions are conducted for students with lesser performance. Also we promote advanced learners in various curriculum and extra-curriculum activities.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://cms.sinhgad.edu/media/515703/1.1.2.pdf

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

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

1.2 - Academic Flexibility

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

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

7

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

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

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

3

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

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

2228

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

1.3 - Curriculum Enrichment

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

Various programs are arranged for staff and students in the institute, to address the integrated cross cutting issues, like awareness programs on social issues, health issues and environmental education. We offer various audit course for students to address crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.

Under CSR (Campus Social Responsibility) various activities are conducted like On 8th January, 2019 volunteers visited Orphanage for girls in Pune. Biogas plant running on daily generated bio-degradable from college hostels, mess, canteens sewage and daily generated biodegradable solid waste of mess, canteen, lawns/gardens' vegetation garbage. Tree plantation drive has been conducted within campus and outside campus on various occasions throughout the year viz. Solar panels are installed and maintained on hostels and college buildings catering need of hot water requirements of hostel and battery backup. Rain water harvesting system is permanently constructed and maintained for water recoupment of bore wells and ground water level.

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. These activities help the students to understand their social responsibilities towards the society.

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

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year**20**

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships**1354**

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

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	http://cms.sinhgad.edu/media/523122/1.4.1%20feedback%20on%20syllabus%202020-21.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

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

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

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://cms.sinhgad.edu/media/523200/1.4.2%20feedback%20on%20syllabus%202020-21.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

324

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

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

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

139

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

The students are tracked during their academic journey in the institute and special efforts are made to enhance the performance of slow learners. Students with good academic background and skills are guided to higher levels of achievement and encouraged towards challenging goals.

During the admission process, the Institute collects students' data through a comprehensive questionnaire. This data helps us to know the student's academic and family background, skills learnt in school/junior college, and hobbies/interests in various fields.

To identify the students as advanced learners or slow learners, available data on merit marks is shared with the team of FE Teacher Guardian Faculty Members and Mentors. The Mentors, in regular meetings with all faculties of respective classes, carry out discussions based on analysis of records available about students' learning levels, abilities, characteristics, skills, attitudes, examination results (internal and external), and their current day-to-day interactions/experiences. Based on this evaluation, special activities are undertaken as per need.

The institute has made special provision for exhaustive soft skills training and exclusive counseling to help slow and advanced learners plan their career and placements. We communicate parents continuously to have a track record of their ward.

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

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

Number of Students	Number of Teachers
2497	134

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Faculties have been gradually increasing the focus over the last few years to a student-centric learning process, in place of the conventional teaching-learning process by using ICT tools in classroom lectures. The focus is also on transfer of knowledge through active participation and involvement of students in teaching and learning process. The faculty provides a platform for students to explore independently, learn through self-study and through peers, and guiding them to develop effective and professional skills.

The following latest teaching and learning methodologies are used to motivate students in developing positive attitude towards subjects taught:

1) Collaborative Learning:

This is implemented by forming student teams working jointly to solve a problem, complete a task/project, participating in seminars, debates or designing a product.

2) Problem-based Learning:

- In projects/competitions, participating students are assigned different tasks, assignments, portfolios, and activities in which students engage in challenging problems and collaboratively work toward their solutions by using interdisciplinary knowledge ,e.g. Design of Resonance racing vehicles(BAJA, SUPRA, Go-kart), Design and implementation of Software/Apps, Design and building of Robots/Drones, etc.

3) Experiential learning:

There is an emphasis on field-based experiential learning like internships, service learning and classroom-based experiential learning like role plays, games and case studies.

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

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

To a tech-savvy and agile age, the conventional chalk-and-talk technique of teaching and learning has become stale. Hence, it is need of the hour to bring innovations to the teaching-learning process to make it more attractive to students. Teachers are realizing these changes in the cognition process of students and are innovating various tools and techniques in the teaching-learning process to deliver the content/knowledge so that students actively participate in it and grasp the ideas quickly.

Faculty attend various faculty development programs for domain knowledge and new skills in educational technology/pedagogy which make their teaching more innovative.

The following are the various ICT tools and techniques used by faculty to make teaching more innovative and student friendly.

1. ICT based teaching-learning (Moodle, etc)
2. Virtual labs and search engines like Google Search, Google Scholar and PubMed are used to encourage collaborative learning.
3. Some faculty members have created online digital repositories for lectures on platforms like YouTube.

4) Digital social learning platforms (WhatsApp, Telegram, MS TEAMS etc)

5) Project-based teaching-learning

The teaching-learning process can be made more novel/attractive to students if it triggers their interest, innovative instincts and inspires them to find a creative solution to complex problems.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

133

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

2.4 - Teacher Profile and Quality

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

134

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

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

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

23

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

1213

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

2.5 - Evaluation Process and Reforms

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

The Institute's primary focus, as stated in its mission statement, is on strengthening the teaching and learning process through rigorous assessment and evaluation. The Institute closely follows all the reforms introduced by SPPU.

SPPU envisages the need for radical reforms in the traditional examination and assessment systems by evolving a credible, effective, and transparent evaluation system that responds confidently to the challenges and newer demands of a knowledge society. The syllabus and evaluation scheme are revised by SPPU periodically to meet global standards and update students on the latest trends in technology. The Institute made reforms to CIE according to the reforms made by SPPU.

The institute has consistent practice of conducting class tests, assignments, and tutorials which are part of formative assessment. The internal assessment system was revived by introducing mid-term

and end-term examinations. Retests are conducted or assignment based on examination question paper are given for performance improvement.

Term work marks are allotted by maintaining a Continuous Assessment Sheet (CAS) by each teacher to evaluate the performance of students during practical sessions. The final year projects and mini projects progress is reviewed periodically in both semesters by departmental committees specially constituted for this purpose.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

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

The Institute follows the guidelines of the SPPU for the internal assessment of its laboratories and theories. The internal examinations are conducted as per the academic calendar schedule. After the assessments, the answer sheets are discussed with them to ensure that they are receiving the best possible results. Results of the examinations are displayed on notice boards. Parents are also notified about the progress of their child.

Term work (TW) assessment: The performance of a student is evaluated based on their performance in the course. The weekly assessment helps the student maintain a consistent level of performance. During practical sessions, the teacher reviews the contents and applications of the course. The goal of the evaluation process is to identify and help slow learners improve their performance. At the end of the semester, the student's marks are displayed on the notice boards.

Project work assessment: During the semester, presentations are held twice to review the progress of the project. These reviews help students keep focused on their work and improve their communication skills.

Internal and External Assessment for PG students: Rigorous assessment consists of one or more evaluation methods such as written tests, seminars, assignments, and an open book test an end semester

examination.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

All the program outcomes and course outcomes are displayed on the institute's website. The process of CO framing is also discussed in detail.

For every course 6 intended learning outcomes are stated as Course Outcomes. Unit wise course contents from the course syllabus forms the basis for framing CO statements. CO statements address appropriate Blooms Taxonomy (BT) levels by considering proper abilities and skills to be acquired by the learners. The COs are mapped with POs and PSOs having correlation levels of either 1- Slight (Low), 2- Moderate (Medium) and 3- Substantial (High). The process of mapping of CO's with PO's and PSO's give CO-PO and CO-PSO matrices respectively.

Mechanism of Communication of Program Outcomes (POs):The program outcomes are communicated to the various stakeholder groups such as the students and teachers.

The outcomes are displayed regularly in various forms such as the institute's newsletter, website(www.sinhgad.edu), and news letter.

Mechanism of Communication of Course Outcomes (COs): Course Outcomes are communicated to the students through the institute website and discussed with the students during teaching learning process at the beginning and progress of the semester. COs are made available for the ready reference of the students through Course Material and lab manuals.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://cms.sinhgad.edu/sinhgad_engineering_institutes/saoe/criteria/criteria-2/261-course-outcome.aspx
Upload COs for all Programmes (exemplars from Glossary)	View File

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

The PSOs, POs, and COs are designed with a top-down approach. They are in tune with the expectations of society and professional bodies. The program outcomes are carefully studied and blended to meet the requirements of the program. Feedback from the stake holders is incorporated into the curriculum to ensure that the program is aligned with the goals of the program. Each course has 6 units that correspond to a specific course outcome. The attainment level is computed based on the student's performance in internal examinations(IE) and external examinations(EE).

CO attainment:

Direct Attainment of CO = 30% of CO attainment in the IE + 70 % of CO attainment in the EE.

Overall attainment of CO = 80% CO attainment from Direct method (DM)+ 20% of CO attainment through an indirect method(IM).

Overall attainment of CO = 80% CO(DM)+ 20% CO(IM)

COs are mapped with PO and PSO.

PO and PSO attainment:

The direct attainment of PO and PSO is obtained by taking into consideration the contribution of each course.

Direct Attainment of PO = Average of attainments of all CO contributing to the specific PO.

Overall attainment of PO = 80% attainment by DM + 20% attainment by IM.

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

2.6.3 - Pass percentage of Students during the year

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

813

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	http://cms.sinhgad.edu/media/521187/20-21%20annual%20report.pdf

2.7 - Student Satisfaction Survey

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

http://cms.sinhgad.edu/media/515735/2.7.1%20sss%20_20-21.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

1.30

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

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

04

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

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

01

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institute has created an eco system for innovation and transfer of knowledge by promoting and encouraging student's creativity

through team participation in national and International events. The College provides partial financial aid, fabrication facilities along with staff support. The teams get support of finance, machining facilities, testing, and material through sponsorship from leading companies.

The knowledge of CAD, Analysis, testing and development, manufacturability, serviceability, system integration of a vehicle as a whole is a challenge met by our students. The competition mandates innovation to be done in some part of vehicle every year.

Robotics

The growth of robotics in industry and craving of the students for the world of robotics, automation and popularity of the robotics competition led to the formation of 'TEAM ASTROS' in the year 2007. It also helps the students to get knowledge of building bots from scratch.

Cypher cell

It was started in 2018-2019 with students from IT, computer, and E&TC & Mechanical departments. In this cell students brainstorm various ideas, learn various technologies and build prototypes as solution for task they undertake.

They have participated in various Hackathon competitions organized by industry, institutes and government and won many accolades.

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

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

03

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

07

File Description	Documents
URL to the research page on HEI website	http://cms.sinhgad.edu/media/515739/3.3.1.2.pdf
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

61

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

3

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

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Due to impact of pandemic Covid-19 our college was connected with student through virtual meeting platform. The first activity 'Virtual NSS Wari' was from on 29th June to 7th July 2020. In the event "Swachh Wari" which was held on 30th June. Organ donation event was organized online on 13th August, 2020 by Savitribai Phule Pune University. The program was inaugurated by governor Shri. Bhagat Singh Koshyari. A "Tree Plantation Drive" was conducted during 23rd to 25th July, 2020. On 3rd August 2020 the day of Raksha bandhan, Rakhis and printed greeting cards were delivered to training battalion II, at Dighi. For celebrating teacher's day, students have made a video which t briefed about life events of Dr. Sarvepalli Radhakrishnan. On 19 September, 20 webinar was conducted on "What is Menstrual Hygiene? Various competitions such as debate competition, open mic competition, speech competition, yoga competition and talent show competition were conducted online. Webinar on "Supporting Orphanages via Caring and Education" was conducted on 27th September 2020. This year the Vigilance Awareness Week was observed from 27th October to 2nd November, 2020 with the theme ??????????, ??????????. On 30th of October 2020, 93 members of Team SAOE NSS took integrity pledge.

File Description	Documents
Paste link for additional information	http://cms.sinhgad.edu/media/515742/3.4.1.pdf
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from

Government/ Government recognized bodies year wise during the year

02

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

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

15

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

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

1126

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

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

80

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

14

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The Institute has the necessary infrastructure required for teaching learning process, co-curricular and extra co-curricular activities as per the norms laid by the AICTE, DTE and SPPU. The physical infrastructure consists of classrooms, tutorial rooms, laboratories, seminar halls, central computing laboratory and library. Classrooms are well furnished, ventilated and illuminated and equipped with LCD projectors and internet connectivity. Each department has well-equipped laboratories and are regularly maintained and updated. The charts and models are displayed in the laboratories for better understanding of theory and practical concepts. All the departments have well-furnished separate cabins for the faculty members with the atmosphere conducive for regular interaction with the students who come for guidance and discussions. The central workshop is equipped with different facilities for mechanical based practicals like machine, fitting, carpentry, welding, black smithy and tin smithy shops.

The institute has 32 classrooms which are well ventilated, spacious, and ICT enabled with blackboard, computer, LCD projector, internet and LAN facilities to make teaching learning process effective. The institute also has a conference room and seminar hall. The institute has 60 laboratories for UG, laboratory for PG and research laboratory. The institute has 588 computers and 04 servers for various purposes.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://cms.sinhgad.edu/media/522458/4.1.1.g eo-taq%20photos%20of%20classrooms%20and%20labs.pdf

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

The college has appointed a Physical Director who caters to the diverse needs of students in sports and athletics. For the all-round development of the students, the institute encourages the students

to participate in various sports/ tournaments at the university and state level, cultural activities, NSS etc.

Cultural activities: To bring out the hidden talents of the students and for getting adequate exposure in interpersonal skills, team spirit, time management and delegating, the students are encouraged to participate and arrange various cultural activities. Every year an annual event Sinhgad Karandak is conducted where the students participate actively and enthusiastically in various competitions like singing, dancing, fashion show etc. Besides these, the students are also encouraged to participate and have won several prizes in state level cultural events like Purshottam Karandak, Firodiya Karandak. Besides these events the students celebrate Teachers day, Engineers day, Navratri and many other festivals.

Sports: To nurture the talents of students in different fields and for their all-round development, a large number of sports activities are conducted. A spacious playground is available for outdoor games like cricket, football, volleyball, basketball, badminton, lawn tennis etc. The institute also has an indoor area for playing chess, table tennis, and carrom.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://cms.sinhgad.edu/media/522480/4.1.2%20playground%20geotag%20photographs.pdf

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

35

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://cms.sinhgad.edu/media/522493/4.1.3.g_eo%20tag%20photos%20of%20class%20rooms.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Institutional library is using commercial software as well as open source software for automation of library services. Library is partially automated with Easylib software having version 006. Library collection can be browsed/ searched on intranet using Easylib OPAC module. Easylib helps for catalogue books, articles, report, serial publication that contains information so vital to institute.

This software has module like acquisition, cataloguing, circulation and serial control. Module is utilized for generating accession register report, adding bulk student's record, updating item lending policy and its status. Circulation module has books issue, return and reserve option. Various reports such as loan borrower, item

inventory status, circulation status summary, item transaction and operator wise transaction can be generated in this module. Similarly library barcode are also generated through this module making library work simpler, effective and time is saving. Serial control module maintain the record of print journals and track of subscribe issue in the library. Easylib software also provides statistical analysis required for library management system such as a weekly transaction carried out through this software. Library web OPAC is provided to students and faculty for renewal of books and searching library materials.

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

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources **B. Any 3 of the above**

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

0.94

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

9.49

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

Institution has adequate IT infrastructure which is updated and upgraded continuously as per the curriculum requirements and changing technology. Wi-Fi zones are provided at various locations such as reading halls, hostels, and department corridors. The computer labs are connected through LAN with internet facilities. ICT facilities are available in all the departments. Necessary system and application software are available in all respective laboratories.

A leased line connectivity of 100 Mbps from Tata and 10 Mbps from ACPL is procured. The total bandwidth is 110 Mbps.

Network Security: Network is secured by firewall integrated in router. The information security and network security are ensured through the Sonicwall NSA4600 firewall and to avoid risk in the information, the websites which promote abusing activities are blocked in the firewall. Total 1000 users can be logged in simultaneously.

Software Asset Management: We categorize the software assets as open source software assets and proprietary software assets. The

proprietary system software are purchased at the society level and further distributed to different institutes. Application software are purchased for individual departments as per their curriculum and requirement.

Open-Source Resources: To reduce the dependence on propriety software and tools, we promote open-source software, tools and applications for supporting computers assisted learning, teaching, design. Currently institute uses various version of Linux operating system.

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

4.3.2 - Number of Computers

571

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

243.98

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The 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 Administrative Office

The central "Civil, Electrical Repair and Maintenance" committee looks after the maintenance of the institute's infrastructure including the class-rooms, laboratories, building etc. Daily cleaning of classrooms, laboratories, common areas and washrooms is done. Pest control and sanitization of the entire building is done regularly by external agency. The security personnel appointed on payroll takes care of campus security

Lab Equipment and Machinery:

Repair and maintenance of laboratory equipment, instruments, kits and machinery are initiated by the respective Laboratory In-charge and Technical Assistant (TA) as and when required. The routine maintenance is carried out by TA and registers of the same are maintained. In case of major repair, HOD and Laboratory In-charge handles the request and maintenance is completed by respective external equipment experts.

Computer and peripherals:

The routine repair, maintenance and updation of computers and peripheral are taken care by the technical assistants. The LAN is administered and maintained by the system administrator. The system and application software are upgraded from time to time.

The maintenance of computer, Internet Wi-Fi networking, and installation of software and maintenance and up gradation of hardware is done by the system administrator.

Library:

The up keeping of the books and periodicals is done by library assistants. The book binding and other related work is outsourced.

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

STUDENT SUPPORT AND PROGRESSION**5.1 - Student Support****5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year****5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year**

1828

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

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

1

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

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

A. All of the above

File Description	Documents
Link to Institutional website	http://cms.sinhgad.edu/media/524213/5.1.3%202020-21.pdf
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

965

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

965

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent

A. All of the above

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

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

217

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

21

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

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

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

11

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

01

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

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

The Institute has constituted 'Student Council' as per the norms laid down by the University. The President and Vice-President of the Departmental Students' Associations are nominated as members of the Student Council. It aims at the overall development of students and organizes various co-curricular and extracurricular events.

The college has a departmental students' association for each department. The student associations coordinate with the students and assist the department in promoting co-curricular and extra-curricular activities. Students Members of the students' association provide active assistance in various activities held in department and college like Teacher's Day, Engineer's Day, FE induction, farewell to final year students and technical competitions.

Students are also given the responsibility of training and placement (T&P) coordination where they act as a link between students and T&P cell. Each class has a Boy and Girl class representative appointed for monitoring the class and communicates messages. Students also coordinate various activities under National Service Scheme (NSS).

Besides that, there are student representatives in various committees like the IQAC, Anti-Ragging Committee, Students' and Internal Complaints Committee against Sexual Harassment which contribute in fulfilling administrative responsibilities.

Students are actively involved in various activities of the college in various inter-college / university competitions.

File Description	Documents
Paste link for additional information	http://cms.sinhgad.edu/media/515798/5.3.2%20students%E2%80%99%20representation%20and%20engagement%20in%20various%20administrative,%20co-curricular%20and%20extracurricular%20activities.pdf
Upload any additional information	No File Uploaded

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

0

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

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

The 'Alumni Association SAE Kondhwa (Bk.), Pune' registered in the year 2010 with Registration No. MH/1551/2010/ Pune dated 29/07/2010 looks after the interface of alumni with the Institute.

In alumni committee constitutes of the Principal, Institute level staff coordinator and the coordinators from each department. This association works on the well formulated vision, mission and objectives.

The Alumni Association offers extensive support to students and the

institution in ways that multiply the opportunities and enhance the skill-sets of students through guest lectures, seminars, workshops, MOUs and recruitment activities for the students of the institute.

Alumni meet is conducted every year which provides a platform for the interaction between the alumnus. This year the alumni meet was conducted in online mode using MS TEAMS platform. 257 students were present for the meet.

Alumni speakers share their expertise on key development areas such as soft-skills development, career growth, management of stress and anxiety and on several other relevant topics. Alumni students also actively inform about the job openings in the organization in which they are working to the current students. Some of the Alumni's who are entrepreneurs have signed MOU with the Institute

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

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

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

"Education is light. Education is the way to a larger purpose. The ambition to build India into an educational leader in the world. We walk on, with faith, with commitment and with grace."

Vision:

We are committed to produce not only good engineers but good human beings, also.

Mission:

"Holistic development of students and teachers is what we believe in and work for. We strive to achieve this by imbibing a unique value system, transparent work culture, excellent academic and physical environment conducive to learning, creativity and technology transfer. Our mandate is to generate, preserve and share knowledge for developing a vibrant society."

The vision and mission statement defines the institute's distinctive features in addressing the interests of the stakeholders involved. In adherence to the above vision and mission, and the norms of AICTE and UGC, college management constituted a Governing Body. All the members of the Governing Body participate actively, and with their extensive experience, and leadership skills contribute for growth and development of the institution.

Holistic student development encompasses not only learning academic knowledge and skills, such as problem-solving and analysis, but also other aspects of students as people who are growing and maturing emotionally and morally.

File Description	Documents
Paste link for additional information	http://cms.sinhgad.edu/media/515802/6.1.1_cd_c_igac.pdf
Upload any additional information	No File Uploaded

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

The Institute promotes governance through the participative management of authorities at various levels. The duties, responsibilities, and authorities are well known at every level of the employees.

1. The principal of the institution within the role of educational controller exercises his monitoring through HODs of all departments. It's done by conducting of normal periodical meetings of all the HODs right from planning of forthcoming semester, all academic events and activities, and technical events like TechTonic, Sinhgad Karandak, etc. HODs are liberal to express their opinions and innovative concepts within the meetings regarding the design details and methodologies to be adopted and therefore the decisions are taken through participative discussions.

2. Every HOD conducts the meeting of teaching staff members of his department wherein the choice regarding the distribution of the subjects to be taught in the forthcoming semester is taken. Similarly, the portfolios of varied works associated with academics are decentralized. The HOD also interacts with non-teaching staff for assigning of laboratory duties.
3. The lab-in charge, in their turn, affect the share of their responsibilities by conducting meetings of subject teachers and technical lab assistants for fine level planning and teaching-learning process within the labs and classrooms, visits, lectures, seminars, workshops of their domain subjects.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

A strategic technology plan or perspective plan serves as a roadmap for the digital transformation of an Institution's operations. It helps align new technology project implementation and changes with the future vision of the institution and its objectives.

The institute's strategic development plan (SDP) is designed to provide a framework for the organization's various operations and goals. The institution has a Perspective/Strategic Plan in place to help it develop in a systematic, well-thought-out, and phased manner. Institute's management and human resources help in implementing the program in successful manner.

Internship cell has been established with an aim to facilitate a maximum number of students to achieve maximum opportunities for Internships in various industries. The internship cell works in coordination with the Training & Placement cell. The cell has been driven by S.T.E.S. central committee. Head of this committee who looks after all the activities going under the internship cell.

The institute has a TG scheme, where direct feedback is taken from the students about academic and non-academic activities are discussed in HOD meetings in order to have effective implementation of the policies and to monitor and evaluate the same, various

committees have been formulated.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The Governing Body of the College is the supreme administrative body. The Governing Body is ambitious and converts aspirations into outcomes with a rigorous framework of governance. The Governing Body approves the strategic Vision and Mission of the Institution, long term business plans and annual budgets in accordance to meet the interests of the stakeholders. The Body ensures the establishment and monitoring systems of control and accountability including financial & operational controls and risk assessment; clear procedure for handling internal grievances. Governing Body monitors the institutions performance against the plans approved; and also benchmarks it against other institutions. The Chairperson supports the head of the institution in execution of the programs.

Involvement of each and everyone in the decision-making at their respective levels is ensured through decentralization and delegation of powers. Hence, there are various institutional committees consisting of faculty and staff members. Transparency associated therein also forms an important feature of the work culture. This is done through an institutional rule book and code of conduct document which are easily accessible to anyone as the copies are available in the Library, with the HODs and the Principal.

File Description	Documents
Paste link for additional information	http://cms.sinhgad.edu/media/515805/6.2.2_stesrulesandregulations_memorandaofassociation&byelaws.pdf
Link to Organogram of the institution webpage	http://cms.sinhgad.edu/media/523327/organogram.pdf
Upload any additional information	View File

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

The Institute has effective welfare schemes for the benefit of its teaching and non-teaching staff. Institute understands that faculty is the backbone of the educational system. Therefore, the society, as well as the institute, gives more emphasis on the up-gradation of recent technological knowledge and skill sets on the regular basis among the faculty through the industry-institute interaction cell. For this purpose, to organize the industrial training programs, short-term programs, long-term programs, refresher courses, seminars, workshops, etc in the institute or to depute the staff in the other institute for attending such types of programs.

1. The institute has a sponsorship fee reimbursement scheme for STTP / Workshop/ Trainings /Professional Membership:

2. Training for faculty and staff:

3. Policy for Higher Studies:

4. Leave:

5. EPF:

6. EMBF:

7. STAFF QUARTER FACILITY:

8. Gratuity:

9. Health Awareness Programs:

OTHERS:

Institute encourages employees to be a member of state, national and international professional bodies.

Institute has given opportunities to staff to attend webinars to learn/share knowledge about recent/current changes, developments in different sectors.

File Description	Documents
Paste link for additional information	http://cms.sinhgad.edu/media/515808/6.3.1_leaves_rules.pdf
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

3

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

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

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

6

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

56

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Parameters of Performance Appraisal System of the Faculty

PART A - To be filled by Individual Faculty

PART B - To be filled by HOD

- Qualification.
- FDP, Seminar / Workshop / Conference programs attended
- Seminar / Workshops / Conferences / Courses conducted as Coordinator
- Consultancy Work / or Externally Funded Research Projects
- Research Publications
- Books Published
- Membership of Professional Bodies
- Industrial Liaison
- Patents Obtained
- Result Performance of Subject
- Weakness in Teaching through Students Feedback
- Guest Lectures given to outsiders as an Expert
- Participation in
- Departmental Activities
- Institutional Activities
- Co-curricular Activities
- Community service and promotion of Entrepreneurship and job creation
- Constraints/ Problems if any faced
- Quality of Job

- General Intelligence
- Integrity and Character
- Reliability / Dependability
- Punctuality
- Fitness for continuation.
- Relation with Colleagues / Students and their Parents
- Brief about Punishments / Rewards
- Control over class and discipline
- Students Feedback
- Proficiency in subject of Specialization
- Initiative to do work
- Organizing ability
- Involvement in conducting and arranging communication skills / personality development / VAPs
- Efforts taken to overcome weakness in Teaching
- Leave Without Pay Availed during period of Assessment
- Overall Assessment
- Recommendations, if any

PART C (To be filled by Principal)

PART D

Remarks of Principal

Final Review by the Accepting Authority

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institute audit has been done in two ways, first audit by internal auditors twice in a year and final statutory audit by authorised Chartered Accountant (C. A.). For internal audit, STES has deputed the expert auditors. The internal auditors visited to various institutes and check the documents or audits heads in the

account section. These heads are the total number of students, total fees to be receivable from the students, total fees received from the students, total fee dues receivable from the students, scholarship receivable from Government agencies, total number of staff available on institute roll and verify their yearly increments on pay sheets and other details, invoices of purchased items of consumable and non-consumable. They scrupulously check all records of the institute, if any errors/doubts in the documents or invoices, they immediately rectify the necessary corrections. After completion of internal audit, they prepare the compliance report and submit to the Hon'ble Founder President, STES. Then after signing of compliance report from Hon'ble Founder President, the same will be send to the concerned head of institute or Principal for resolving the errors or corrections. In statutory audit, they will show all details as per the Government norms.

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

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

The effective and efficient monitoring of the use of available financial resources of the institute is mechanized in the following way:

- The annual requirements of non-recurring and recurring expenditures are prepared by the HODs in consultation with senior faculty and laboratory in-charges. The details are given to the Principal in the prescribed format for each financial year.
- The departmental budget is discussed with the Principal and gets finalized to put into the institutional budget.
- A comprehensive institute budget proposal is prepared and presented by the Principal to CDC for recommendation and approval from GB.
- Principals and HODs can utilize the budgeted amount through the proper procedure (comparative statements & analysis of vendors) with specific approval of the President/ Vice-President.
- The principal can take decisions of emergency purchase within the approved budget.
- Regular procedure of quotations, comparative, analysis, delivery, payment after commissioning is carried out for effective and efficient use of available budget.
- Any additional requirement for emergency expenditure can be discussed by HODs with the Principal and requested to President /Vice-President for approval.
- Principal and HODs conducts periodic reviews with account section of institute to make sure that the funds are utilized effectively.
- Review by CDC and GB is carried out half yearly.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

IQAC committee is core committee at institute level, it looks overall activities such as college infrastructural development, improvement in academics by using modern methods and tools, improving result of SPPU examination, to increase the campus placement in reputed industries, etc.

Sinhgad Academy of Engineering has the licensed copy of Microsoft Teams: Office 365 A1 for students and Office 365 A1 for faculty with

zero cost under Educational Institutes membership. MS Teams is a collaboration tool built for hybrid work so that the team stays informed, organized, and connected online– all in one place.

Spoken Tutorial is a multi-award-winning educational content portal. Here one can learn various Free and Open-Source Software all by oneself. It's self-paced, multi-lingual courses ensure that anybody with a computer and a desire for learning, can learn from any place, at any time and in a language of their choice. It's (Free and Open-Source Software) – FOSS, funded by the National Mission on Education through Information and Communication Technology (ICT), launched by the Ministry of Human Resources and Development (MHRD), Government of India.

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

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

The college has a functional IQAC setup as per norms that include Teacher Representatives, Members from Management, representatives of Administrative Staff, one nominee each from Local Society, Students, Alumni, Employers, Industry, and Parents. IQAC has constituted a feedback system that seeks feedback regularly from all stakeholders.

Two examples on teaching-learning Processes and the Use of ICT Tools are described in the following paragraph.

1. Teaching Learning Environment:

IQAC works on improving the teaching-learning process and supports adopting Outcome-Based Education (OBE) in all programs of college gradually. The Program outcomes are adapted from NBA, program-specific outcomes, and course outcomes prepared by each program considering Bloom's taxonomy in collaboration with faculty, industry experts, and other stakeholders.

2. Use of ICT Tools:

ICT enables self-paced learning through various tools such as assignments, computers, etc as a result of this the teaching-learning enterprise has become more productive and meaningful. ICT helps facilitate the transaction between producers and users by keeping the students updated and enhancing teachers' capacity and ability to foster a live contact between the teacher and the student through e-mail, chalk sessions, e-learning, web-based learning including internet, intranet, extranet, CD-ROM, TV audio-video tape.

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

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

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://cms.sinhgad.edu/media/515817/6.5.3%20nirf_iqac.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The institute is promoting social and economic empowerment of women

through cross-cutting policies and programs, main streaming gender concerns, creating awareness about their rights and facilitating institutional and legislative support for enabling them realize their human rights and develop to their full potential. This institute runs co-aided programs 5 in number with all legitimate reservations for feminine gender. Regular security wing of officer, supervisors with guards are deployed for 24 hrs human security for the entire campus. Girls and boys separate common rooms are provided in the Institute building. In the institute girl students are equally participating in the various cultural, sports, social activities. For the campus placements eligible girl candidates are encouraged for the interviews and various competitive exams. The institute follows gender wise liberal policy for recruiting of teaching and non-teaching staff. Institute is having equal contribution in the administrative and teaching work by the ladies faculties. Various posts such as Head of the department for First year Engineering, Library are associated with the ladies faculties. The institute has a well established "Women Empowerment Cell". It is organizing various programs such as Women's day celebration, Rashtriya Ekta Divas pledge, lecture on common fitness myths and diet must have.

File Description	Documents
Annual gender sensitization action plan	http://cms.sinhgad.edu/media/515821/7.1.1%20-%20measures%20initiated%20by%20the%20institution%20for%20the%20promotion%20of%20gender%20equity%20during%20the%20year.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://cms.sinhgad.edu/media/523543/7.1.1%20geotagged%20photos.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

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

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

1. **Solid Waste Management:**For managing biodegradable solid waste in the campus rotating type of composting drums are used at various loctions in the campus.

Measures taken for Reduction of solid waste generation

1. Limited usage of papers for printout.
2. Promotion of use of biodegradable/reusable plates, glasses and spoons etc in canteen and Cafeteria.
3. Institute prefers to offer sapling instead of bouquets to the guest visiting the institution.

2. Waste Water Management

Recycling of waste water of sewage generated in college and hostel building toilets are done through STP. The sewage of the college hostel, canteens, and mess is used in Biogas plant which has a capacity of 25,000 liters. All the trees, lawns, flower beds, botanical garden of medicinal plants in the campus is maintained through it. Entire open land is properly utilized under green coverage,treated effluent is used for gardening purpose.

3. E- Waste:Discarded Electronic and computer accessories are sold through auction to a licensed vendor Zagade Enterprises Pvt. Ltd.

4. Waste Recycling System

Recycling of sewage water for gardening & lawn purpose. The institute has a water softener and sewage treatment plant and recycling as well. Sewage treatment plant is also setup for recycling and reuse of waste water.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus **A. Any 4 or all of the above**

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: **A. Any 4 or All of the above**

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the **A. Any 4 or all of the above**

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

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

All National Importance Days are celebrated in the Institute.

Religious harmony is promoted among the students by celebrating Shiv Jayanti, Gandhi Jayanti, Rashtriya Ekta Divas. The institute is providing good environment for the students from all parts of the nation. The hostel facilities are available for all girls and boys students. Institute policies support all inclusiveness.

National Student Scheme has taken the initiative to conduct various camps under which they are addressing various issues like village cleanliness, construction of bandharas, social awareness plays. NSS has conducted activity like vigilance awareness week 2020 integrity pledge as well virtual NSS Wari along with all.

The Earn and Learn Scheme implemented for Economically Backward Class students where apart from University contribution, institute is also contributing for the students. The institute implements the Government schemes like Tuition Fee Waiver Scheme (TFWS), EBC and SEBC scholarship. The NSS has organized webinar on supporting orphanages via caring and education and Eye donation pledge event. Mega Blood donation camp is organized by NSS in the institute with the huge response from the students as well as faculties. Motivation to the students and staff has been done by arranging 'Organ Donation Seminar and Awareness Drive' in the campus.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

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

Activities for constitutional obligations: values and rights

Every year Institute celebrates Republic Day, Maharashtra Day and Independence Day. The celebration is attended by Students, teaching and non-teaching Staff, Invitees, guests and any attendees. Many programs are arranged for human values and ethics such as, Stress management, Art of Living sessions etc. Students are made aware about the code of ethics, human values, rights, duties and responsibilities as a citizen of India during induction as well as other programs throughout year. To imbibe the values Institute has celebrated Vigilance Awareness Week 2020 Integrity Pledge.

Activities for Duties and responsibilities of citizens:

The tree plantation initiative is being taken by the NSS and many of the students' associations in the institute. The students are encouraged to participate in the activities of spreading the awareness among citizens on social issues like road safety and traffic rule awareness program which are conducted by NSS. Every year institute organizes blood donation camp in association with SKN Hospital and/or Rotary Club. NSS has also organized the program for the gender sensitization named Sex determination prohibition act. Students have also arranged webinar on Supporting Orphanages Via Caring And Education. Students are sensitized on the preservation the ecosystem and environment. Students are also sensitized to adapt green practices.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://cms.sinhgad.edu/media/515824/7.1.9%20-%20sensitization%20of%20students%20and%20employees%20of%20the%20institution%20to%20the%20constitutional%20obligations%20values,%20rights,%20duties%20and%20responsibilities%20of%20citizens.pdf
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff C. Any 2 of the above

4. Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

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

Commemorative days: Institute celebrates the days of national importance annually. Many departments arrange students' programs such as National Integrity Pledge and Rashtriya Ekta Diwas Pledge. The Yoga Day is celebrated in the campus by the employees on a large scale on 21st June of every year. International women's' day, earth day, water conservation day are also celebrated. International women's' day is celebrated by arranging webinar on "women, common fitness myths and diet must haves" and Webinar on "What is Menstrual Hygiene and Why is Sustainable Menstruation Important for Earth".

Events: Teacher's Day is celebrated on occasion of birth anniversary of Dr. Sarvpalli Radhakrishnan to show the honor and respect towards the teachers. The Engineers day is celebrated on occasion of birth anniversary of Sir. M. Vishweshwarayya to express gratitude. Events like Organ Donation Event, Mega Blood Donation Camp, Eye Donation Pledge Event are also conducted by the institute. Webinar on 'Supporting Orphanages Via Caring And Education' is conducted by students association.

Festivals: The institute celebrates various festivals like Virtual NSS Wari, Rakhshabandhan and Diwali with CESA. Foundation Day is Celebrated by NSS students. The festival of Shiv Jayanti is celebrated every year on 19th February, which is the birth anniversary of Late Shri Chhatrapati Shivaji Maharaj.

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

7.2 - Best Practices

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

Best practice 1:

Internship Cell: It has been established with an aim to facilitate maximum number of students to achieve higher opportunities of Internships in various industries. Internship cell works in coordination with Training & Placement cell. The internship is a real application of the concepts, theories, knowledge and the learning skills in the classroom lectures to the context of the real world of work. With the intension of catering on job training to the students in the area of his/her interest and passion of study, the internship cell is established in the year 2014-2015 in the Institute. The cell has delineated its standard operating procedure (SOP) for channelizing and monitoring internship programs undertaken by the students for its desired output, which consists of generation of interest, inculcating the techniques and technologies being used in practice and technically updated versions of those practices

Best practice 2

Students' social nurturing and outreach activities: These are the activities to help and encourage socially suppressed class of the society with socially deprived elements because of the common disparities on the economic, regional, linguistic, communal or gender grounds. The Institute takes care of promoting and encouraging the students for interfacing with such community sectors and having proper interface with them by conducting outreach activities. Various platforms are made available by the Institute as extracurricular activities for social interfacing of students with community viz. Women Empowerment Cell, Departmental Student's Associations, National Service Scheme (NSS) and Student Development Cell.

File Description	Documents
Best practices in the Institutional website	http://cms.sinhgad.edu/media/524433/internship.pdf
Any other relevant information	http://cms.sinhgad.edu/sinhgad_engineering_institutes/saoe/nss.aspx

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

"Student Training Program (STP)" is one of the best practices in the curriculum of the STES's students where students get well trained in various skillset improvising their employability level research interest and passion of entrepreneurship. Student training program is designed in five different modules. In the first module students are trained with the soft skills which include Goal Setting, SWOT Analysis, Resume Writing, etc. In the STP-II where students are facilitated with listening, reading, writing and speaking skills. In this module, group of four students is prepared and small presentations are assigned to them as a task and they are motivated to deliver it in front of their class. STP-III, this level of training aims at training and refreshing of technical fundamentals. The students are provided with the training for improving basic domain knowledge and concepts of all core subjects for the respective branches. STP-IV Training from experienced teachers provides benefit to the final year students to prepare draft of curriculum vitae. The research component is also added at STP-IV level. STP-V, Training from internal faculty and outside experts is provided for practicing Group Discussion and Personal Interview. Value added program is organized under STP-V.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

This institute is affiliated to SavitribaiPhule Pune University. The University updates the syllabus of all courses periodically owing due respect to technological improvements. 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.

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. Highly qualified and dynamic faculties are involved in curriculum development, study material preparation i.e. notes, PPT, question bank for theory and oral etc, are prepared well in advance.

The evaluation of journals and performance of students in practical sessions is done regularly and noted in prescribed continuous assessment format.

All these activities are monitored through periodic departmental meetings of staff and HOD. 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.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://cms.sinhgad.edu/media/515700/1.1.1.pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous

Internal Evaluation (CIE)

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.

Foreffective implementation of the curriculum and academic calendar, The institute monitors this program through interactive meetings of HODs and Principal. The work is divided into various portfolios at department and institute levels dealt through various appointed committees.

The HODs continuously monitor the effective implementation of the academics throughContinuousassessment sheets and personal follow ups of the teaching plans, Students' performance is evaluated on a regular basis. For monitoring the level of students' progress our continuous assessment strategies is well planned and designed.

At the institute level 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. Remedial sessions are conducted for students with lesser performance. Also we promote advanced learners in various curriculum and extra-curriculum activities.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://cms.sinhgad.edu/media/515703/1.1.2.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for

A. All of the above

UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

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

1.2 - Academic Flexibility

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

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

7

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

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

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

3

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

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

number of students during the year

2228

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

1.3 - Curriculum Enrichment

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

Various programs are arranged for staff and students in the institute, to address the integrated cross cutting issues, like awareness programs on social issues, health issues and environmental education. We offer various audit course for students to address crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.

Under CSR (Campus Social Responsibility) various activities are conducted like On 8th January, 2019 volunteers visited Orphanage for girls in Pune. Biogas plant running on daily generated biodegradable from college hostels, mess, canteens sewage and daily generated biodegradable solid waste of mess, canteen, lawns/gardens' vegetation garbage. Tree plantation drive has been conducted within campus and outside campus on various occasions throughout the year viz. Solar panels are installed and maintained on hostels and college buildings catering need of hot water requirements of hostel and battery backup. Rain water harvesting system is permanently constructed and maintained for water recoument of bore wells and ground water level.

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. These activities help the students to understand their social responsibilities towards the society.

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

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

20

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

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

1354

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

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution

A. All of the above

from the following stakeholders Students Teachers Employers Alumni	
File Description	Documents
URL for stakeholder feedback report	http://cms.sinhgad.edu/media/523122/1.4.1%20feedback%20on%20syllabus%202020-21.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File
1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
File Description	Documents
Upload any additional information	View File
URL for feedback report	http://cms.sinhgad.edu/media/523200/1.4.2%20feedback%20on%20syllabus%202020-21.pdf
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment Number Number of students admitted during the year	
2.1.1.1 - Number of students admitted during the year	
324	
File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File
2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)	
2.1.2.1 - Number of actual students admitted from the reserved categories during the year	

139

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

The students are tracked during their academic journey in the institute and special efforts are made to enhance the performance of slow learners. Students with good academic background and skills are guided to higher levels of achievement and encouraged towards challenging goals.

During the admission process, the Institute collects students' data through a comprehensive questionnaire. This data helps us to know the student's academic and family background, skills learnt in school/junior college, and hobbies/interests in various fields.

To identify the students as advanced learners or slow learners, available data on merit marks is shared with the team of FE Teacher Guardian Faculty Members and Mentors. The Mentors, in regular meetings with all faculties of respective classes, carry out discussions based on analysis of records available about students' learning levels, abilities, characteristics, skills, attitudes, examination results (internal and external), and their current day-to-day interactions/experiences. Based on this evaluation, special activities are undertaken as per need.

The institute has made special provision for exhaustive soft skills training and exclusive counseling to help slow and advanced learners plan their career and placements. We communicate parents continuously to have a track record of their ward.

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

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

Number of Students	Number of Teachers
2497	134

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

Faculties have been gradually increasing the focus over the last few years to a student-centric learning process, in place of the conventional teaching-learning process by using ICT tools in classroom lectures. The focus is also on transfer of knowledge through active participation and involvement of students in teaching and learning process. The faculty provides a platform for students to explore independently, learn through self-study and through peers, and guiding them to develop effective and professional skills.

The following latest teaching and learning methodologies are used to motivate students in developing positive attitude towards subjects taught:

1) Collaborative Learning:

This is implemented by forming student teams working jointly to solve a problem, complete a task/project, participating in seminars, debates or designing a product.

2) Problem-based Learning:

- In projects/competitions, participating students are assigned different tasks, assignments, portfolios, and

activities in which students engage in challenging problems and collaboratively work toward their solutions by using inter-disciplinary knowledge ,e.g. Design of Resonance racing vehicles(BAJA, SUPRA, Go-kart), Design and implementation of Software/Apps, Design and building of Robots/Drones, etc.

3) Experiential learning:

There is an emphasis on field-based experiential learning like internships, service learning and classroom-based experiential learning like role plays, games and case studies.

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

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

To a tech-savvy and agile age, the conventional chalk-and-talk technique of teaching and learning has become stale. Hence, it is need of the hour to bring innovations to the teaching-learning process to make it more attractive to students. Teachers are realizing these changes in the cognition process of students and are innovating various tools and techniques in the teaching-learning process to deliver the content/knowledge so that students actively participate in it and grasp the ideas quickly.

Faculty attend various faculty development programs for domain knowledge and new skills in educational technology/pedagogy which make their teaching more innovative.

The following are the various ICT tools and techniques used by faculty to make teaching more innovative and student friendly.

1. ICT based teaching-learning (Moodle, etc)
2. Virtual labs and search engines like Google Search, Google Scholar and PubMed are used to encourage collaborative learning.
3. Some faculty members have created online digital repositories for lectures on platforms like YouTube.

4) Digital social learning platforms (WhatsApp, Telegram, MS TEAMS etc)

5) Project-based teaching-learning

The teaching-learning process can be made more novel/attractive to students if it triggers their interest, innovative instincts and inspires them to find a creative solution to complex problems.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

133

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

2.4 - Teacher Profile and Quality

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

134

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

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

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

23

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

1213

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

2.5 - Evaluation Process and Reforms

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

The Institute's primary focus, as stated in its mission statement, is on strengthening the teaching and learning process through rigorous assessment and evaluation. The Institute closely follows all the reforms introduced by SPPU.

SPPU envisages the need for radical reforms in the traditional examination and assessment systems by evolving a credible, effective, and transparent evaluation system that responds confidently to the challenges and newer demands of a knowledge society. The syllabus and evaluation scheme are revised by SPPU periodically to meet global standards and update students on the latest trends in technology. The Institute made reforms to CIE according to the reforms made by SPPU.

The institute has consistent practice of conducting class tests, assignments, and tutorials which are part of formative assessment. The internal assessment system was revived by introducing mid-term and end-term examinations. Retests are conducted or assignment based on examination question paper are given for performance improvement.

Term work marks are allotted by maintaining a Continuous Assessment Sheet (CAS) by each teacher to evaluate the performance of students during practical sessions. The final year projects and mini projects progress is reviewed periodically in both semesters by departmental committees specially constituted for this purpose.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

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

The Institute follows the guidelines of the SPPU for the internal assessment of its laboratories and theories. The internal examinations are conducted as per the academic calendar schedule. After the assessments, the answer sheets are discussed with them to ensure that they are receiving the best possible results. Results of the examinations are displayed on notice boards. Parents are also notified about the progress of their child.

Term work (TW) assessment: The performance of a student is evaluated based on their performance in the course. The weekly assessment helps the student maintain a consistent level of performance. During practical sessions, the teacher reviews the contents and applications of the course. The goal of the evaluation process is to identify and help slow learners improve their performance. At the end of the semester, the student's marks are displayed on the notice boards.

Project work assessment: During the semester, presentations are held twice to review the progress of the project. These reviews help students keep focused on their work and improve their communication skills.

Internal and External Assessment for PG students: Rigorous assessment consists of one or more evaluation methods such as written tests, seminars, assignments, and an open book test an end semester examination.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

All the program outcomes and course outcomes are displayed on the institute's website. The process of CO framing is also discussed in detail.

For every course 6 intended learning outcomes are stated as Course Outcomes. Unit wise course contents from the course syllabus forms the basis for framing CO statements. CO statements address appropriate Blooms Taxonomy (BT) levels by considering proper abilities and skills to be acquired by the learners. The COs are mapped with POs and PSOs having correlation levels of either 1- Slight (Low), 2- Moderate (Medium) and 3- Substantial (High). The process of mapping of CO's with PO's and PSO's give CO-PO and CO-PSO matrices respectively.

Mechanism of Communication of Program Outcomes (POs):The program outcomes are communicated to the various stakeholder groups such as the students and teachers.

The outcomes are displayed regularly in various forms such as the institute's newsletter, website(www.sinhgad.edu), and news letter.

Mechanism of Communication of Course Outcomes (COs): Course Outcomes are communicated to the students through the institute website and discussed with the students during teaching learning process at the beginning and progress of the semester. COs are made available for the ready reference of the students through Course Material and lab manuals.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://cms.sinhgad.edu/sinhgad_engineering_institutes/saoe/criteria/criteria-2/261-course-outcome.aspx
Upload COs for all Programmes (exemplars from Glossary)	View File

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

The PSOs, POs, and COs are designed with a top-down approach. They are in tune with the expectations of society and professional bodies. The program outcomes are carefully studied and blended to meet the requirements of the program. Feedback from the stake holders is incorporated into the curriculum to ensure that the program is aligned with the goals of the program. Each course has 6 units that correspond to a specific course outcome. The attainment level is computed based on the student's performance in internal examinations(IE) and external examinations(EE).

CO attainment:

Direct Attainment of CO = 30% of CO attainment in the IE + 70 % of CO attainment in the EE.

Overall attainment of CO = 80% CO attainment from Direct method (DM)+ 20% of CO attainment through an indirect method(IM).

Overall attainment of CO = 80% CO(DM)+ 20% CO(IM)

COs are mapped with PO and PSO.

PO and PSO attainment:

The direct attainment of PO and PSO is obtained by taking into consideration the contribution of each course.

Direct Attainment of PO = Average of attainments of all CO contributing to the specific PO.

Overall attainment of PO = 80% attainment by DM + 20% attainment by IM.

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

2.6.3 - Pass percentage of Students during the year

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

813

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	http://cms.sinhgad.edu/media/521187/20-21%20annual%20report.pdf

2.7 - Student Satisfaction Survey

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

http://cms.sinhgad.edu/media/515735/2.7.1%20sss%20_20-21.pdf

RESEARCH, INNOVATIONS AND EXTENSION**3.1 - Resource Mobilization for Research**

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

1.30

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

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

04

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

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

01

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institute has created an eco system for innovation and transfer of knowledge by promoting and encouraging student's creativity through team participation in national and International events. The College provides partial financial aid, fabrication facilities along with staff support. The teams get support of finance, machining facilities, testing, and material through sponsorship from leading companies.

The knowledge of CAD, Analysis, testing and development, manufacturability, serviceability, system integration of a vehicle as a whole is a challenge met by our students. The competition mandates innovation to be done in some part of vehicle every year.

Robotics

The growth of robotics in industry and craving of the students for the world of robotics, automation and popularity of the robotics competition led to the formation of 'TEAM ASTROS' in the year 2007. It also helps the students to get knowledge of building bots from scratch.

Cypher cell

It was started in 2018-2019 with students from IT, computer, and E&TC & Mechanical departments. In this cell students brainstorm various ideas, learn various technologies and build prototypes as solution for task they undertake.

They have participated in various Hackathon competitions

organized by industry, institutes and government and won many accolades.

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

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

03

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

07

File Description	Documents
URL to the research page on HEI website	http://cms.sinhgad.edu/media/515739/3.3.1.2.pdf
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

61

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year**3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year**

3

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

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Due to impact of pandemic Covid-19 our college was connected with student through virtual meeting platform. The first activity 'Virtual NSS Wari' was from on 29th June to 7th July 2020. In the event "Swachh Wari" which was held on 30th June. Organ donation event was organized online on 13th August, 2020 by Savitribai Phule Pune University. The program was inaugurated by governor Shri. Bhagat Singh Koshyari. A "Tree Plantation Drive" was conducted during 23rd to 25th July, 2020. On 3rd August 2020 the day of Raksha bandhan, Rakhis and printed greeting cards were delivered to training battalion II, at Dighi. For celebrating teacher's day, students have made a video which t briefed about life events of Dr. Sarvepalli Radhakrishnan. On 19 September, 20 webinar was conducted on "What is Menstrual Hygiene? Various competitions such as debate competition, open mic competition, speech competition, yoga competition and talent show competition

were conducted online. Webinar on "Supporting Orphanages via Caring and Education" was conducted on 27th September 2020. This year the Vigilance Awareness Week was observed from 27th October to 2nd November, 2020 with the theme ??????????, ??????????. On 30th of October 2020, 93 members of Team SAOE NSS took integrity pledge.

File Description	Documents
Paste link for additional information	http://cms.sinhgad.edu/media/515742/3.4.1.pdf
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

02

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

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

15

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

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

1126

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

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

80

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year**3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year**

14

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

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

The Institute has the necessary infrastructure required for teaching learning process, co-curricular and extra co-curricular activities as per the norms laid by the AICTE, DTE and SPPU. The physical infrastructure consists of classrooms, tutorial rooms, laboratories, seminar halls, central computing laboratory and library. Classrooms are well furnished, ventilated and illuminated and equipped with LCD projectors and internet connectivity. Each department has well-equipped laboratories and are regularly maintained and updated. The charts and models are displayed in the laboratories for better understanding of theory and practical concepts. All the departments have well-furnished separate cabins for the faculty members with the atmosphere conducive for regular interaction with the students who come for guidance and discussions. The central workshop is equipped with different facilities for mechanical based practicals like machine, fitting, carpentry, welding, black smithy and tin smithy shops.

The institute has 32 classrooms which are well ventilated, spacious, and ICT enabled with blackboard, computer, LCD projector, internet and LAN facilities to make teaching learning process effective. The institute also has a conference room and

seminar hall. The institute has 60 laboratories for UG, laboratory for PG and research laboratory. The institute has 588 computers and 04 servers for various purposes.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://cms.sinhgad.edu/media/522458/4.1.1.geo-tag%20photos%20of%20classrooms%20and%200labs.pdf

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

The college has appointed a Physical Director who caters to the diverse needs of students in sports and athletics. For the all-round development of the students, the institute encourages the students to participate in various sports/ tournaments at the university and state level, cultural activities, NSS etc.

Cultural activities: To bring out the hidden talents of the students and for getting adequate exposure in interpersonal skills, team spirit, time management and delegating, the students are encouraged to participate and arrange various cultural activities. Every year an annual event Sinhgad Karandak is conducted where the students participate actively and enthusiastically in various competitions like singing, dancing, fashion show etc. Besides these, the students are also encouraged to participate and have won several prizes in state level cultural events like Purshottam Karandak, Firodiya Karandak. Besides these events the students celebrate Teachers day, Engineers day, Navratri and many other festivals.

Sports: To nurture the talents of students in different fields and for their all-round development, a large number of sports activities are conducted. A spacious playground is available for outdoor games like cricket, football, volleyball, basketball, badminton, lawn tennis etc. The institute also has an indoor area for playing chess, table tennis, and carrom.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://cms.sinhgad.edu/media/522480/4.1.2%20playground%20geotag%20photographs.pdf

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

35

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://cms.sinhgad.edu/media/522493/4.1.3.geo%20tag%20photos%20of%20class%20rooms.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Institutional library is using commercial software as well as open source software for automation of library services. Library is partially automated with Easylib software having version 006. Library collection can be browsed/ searched on intranet using Easylib OPAC module. Easylib helps for catalogue books, articles, report, serial publication that contains information so vital to institute.

This software has module like acquisition, cataloguing, circulation and serial control. Module is utilized for generating accession register report, adding bulk student's record, updating item lending policy and its status. Circulation module has books issue, return and reserve option. Various reports such as loan borrower, item inventory status, circulation status summery, item transaction and operator wise transaction can be generated in this module. Similarly library barcode are also generated through this module making library work simpler, effective and time is saving. Serial control module maintain the record of print journals and track of subscribe issue in the library. Easylib software also provides statistical analysis required for library management system such as a weekly transaction carried out through this software. Library web OPAC is provided to students and faculty for renewal of books and searching library materials.

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

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

B. Any 3 of the above

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

0.94

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

9.49

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

Institution has adequate IT infrastructure which is updated and upgraded continuously as per the curriculum requirements and changing technology. Wi-Fi zones are provided at various locations such as reading halls, hostels, and department corridors. The computer labs are connected through LAN with

internet facilities. ICT facilities are available in all the departments. Necessary system and application software are available in all respective laboratories.

A leased line connectivity of 100 Mbps from Tata and 10 Mbps from ACPL is procured. The total bandwidth is 110 Mbps.

Network Security: Network is secured by firewall integrated in router. The information security and network security are ensured through the Sonicwall NSA4600 firewall and to avoid risk in the information, the websites which promote abusing activities are blocked in the firewall. Total 1000 users can be logged in simultaneously.

Software Asset Management: We categorize the software assets as open source software assets and proprietary software assets. The proprietary system software are purchased at the society level and further distributed to different institutes. Application software are purchased for individual departments as per their curriculum and requirement.

Open-Source Resources: To reduce the dependence on propriety software and tools, we promote open-source software, tools and applications for supporting computers assisted learning, teaching, design. Currently institute uses various version of Linux operating system.

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

4.3.2 - Number of Computers

571

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

243.98

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The 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 Administrative Office

The central "Civil, Electrical Repair and Maintenance" committee looks after the maintenance of the institute's infrastructure including the class-rooms, laboratories, building etc. Daily cleaning of classrooms, laboratories, common areas and washrooms is done. Pest control and sanitization of the entire building is done regularly by external agency. The security personnel appointed on payroll takes care of campus security

Lab Equipment and Machinery:

Repair and maintenance of laboratory equipment, instruments, kits and machinery are initiated by the respective Laboratory In-

charge and Technical Assistant (TA) as and when required. The routine maintenance is carried out by TA and registers of the same are maintained. In case of major repair, HOD and Laboratory In-charge handles the request and maintenance is completed by respective external equipment experts.

Computer and peripherals:

The routine repair, maintenance and updation of computers and peripheral are taken care by the technical assistants. The LAN is administered and maintained by the system administrator. The system and application software are upgraded from time to time.

The maintenance of computer, Internet Wi-Fi networking, and installation of software and maintenance and up gradation of hardware is done by the system administrator.

Library:

The up keeping of the books and periodicals is done by library assistants. The book binding and other related work is outsourced.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

1828

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

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

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

1

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

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

A. All of the above

File Description	Documents
Link to Institutional website	http://cms.sinhgad.edu/media/524213/5.1.3%202020-21.pdf
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

965

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

965

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

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

5.2 - Student Progression**5.2.1 - Number of placement of outgoing students during the year****5.2.1.1 - Number of outgoing students placed during the year**

217

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year**5.2.2.1 - Number of outgoing student progression to higher education**

21

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

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

11

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

01

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

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

The Institute has constituted 'Student Council' as per the norms laid down by the University. The President and Vice-President of the Departmental Students' Associations are nominated as members of the Student Council. It aims at the overall development of students and organizes various co-curricular and extracurricular events.

The college has a departmental students' association for each department. The student associations coordinate with the students and assist the department in promoting co-curricular and extra-curricular activities. Students Members of the students' association provide active assistance in various activities held in department and college like Teacher's Day, Engineer's Day, FE induction, farewell to final year students and technical competitions.

Students are also given the responsibility of training and placement (T&P) coordination where they act as a link between students and T&P cell. Each class has a Boy and Girl class representative appointed for monitoring the class and communicates messages. Students also coordinate various

activities under National Service Scheme (NSS).

Besides that, there are student representatives in various committees like the IQAC, Anti-Ragging Committee, Students' and Internal Complaints Committee against Sexual Harassment which contribute in fulfilling administrative responsibilities.

Students are actively involved in various activities of the college in various inter-college / university competitions.

File Description	Documents
Paste link for additional information	http://cms.sinhgad.edu/media/515798/5.3.2%20students%E2%80%99%20representation%20and%20engagement%20in%20various%20administrative,%20co-curricular%20and%20extracurricular%20activities.pdf
Upload any additional information	No File Uploaded

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

0

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	View File

5.4 - Alumni Engagement

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

The 'Alumni Association SAE Kondhwa (Bk.), Pune' registered in the year 2010 with Registration No. MH/1551/2010/ Pune dated 29/07/2010 looks after the interface of alumni with the Institute.

In alumni committee constitutes of the Principal, Institute level staff coordinator and the coordinators from each department. This association works on the well formulated vision, mission and objectives.

The Alumni Association offers extensive support to students and the institution in ways that multiply the opportunities and enhance the skill-sets of students through guest lectures, seminars, workshops, MOUs and recruitment activities for the students of the institute.

Alumni meet is conducted every year which provides a platform for the interaction between the alumnus. This year the alumni meet was conducted in online mode using MS TEAMS platform. 257 students were present for the meet.

Alumni speakers share their expertise on key development areas such as soft-skills development, career growth, management of stress and anxiety and on several other relevant topics. Alumni students also actively inform about the job openings in the organization in which they are working to the current students. Some of the Alumni's who are entrepreneurs have signed MOU with the Institute

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

5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

"Education is light. Education is the way to a larger purpose. The ambition to build India into an educational leader in the world. We walk on, with faith, with commitment and with grace."

Vision:

We are committed to produce not only good engineers but good human beings, also.

Mission:

"Holistic development of students and teachers is what we believe in and work for. We strive to achieve this by imbibing a unique value system, transparent work culture, excellent academic and physical environment conducive to learning, creativity and technology transfer. Our mandate is to generate, preserve and share knowledge for developing a vibrant society."

The vision and mission statement defines the institute's distinctive features in addressing the interests of the stakeholders involved. In adherence to the above vision and mission, and the norms of AICTE and UGC, college management constituted a Governing Body. All the members of the Governing Body participate actively, and with their extensive experience, and leadership skills contribute for growth and development of the institution.

Holistic student development encompasses not only learning academic knowledge and skills, such as problem-solving and analysis, but also other aspects of students as people who are growing and maturing emotionally and morally.

File Description	Documents
Paste link for additional information	http://cms.sinhgad.edu/media/515802/6.1.1_cdc_iqac.pdf
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization

and participative management.

The Institute promotes governance through the participative management of authorities at various levels. The duties, responsibilities, and authorities are well known at every level of the employees.

1. The principal of the institution within the role of educational controller exercises his monitoring through HODs of all departments. It's done by conducting of normal periodical meetings of all the HODs right from planning of forthcoming semester, all academic events and activities, and technical events like Techtonic, Sinhgad Karandak, etc. HODs are liberal to express their opinions and innovative concepts within the meetings regarding the design details and methodologies to be adopted and therefore the decisions are taken through participative discussions.
2. Every HOD conducts the meeting of teaching staff members of his department wherein the choice regarding the distribution of the subjects to be taught in the forthcoming semester is taken. Similarly, the portfolios of varied works associated with academics are decentralized. The HOD also interacts with non-teaching staff for assigning of laboratory duties.
3. The lab-in charge, in their turn, affect the share of their responsibilities by conducting meetings of subject teachers and technical lab assistants for fine level planning and teaching-learning process within the labs and classrooms, visits, lectures, seminars, workshops of their domain subjects.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

A strategic technology plan or perspective plan serves as a roadmap for the digital transformation of an Institution's operations. It helps align new technology project implementation and changes with the future vision of the institution and its objectives.

The institute's strategic development plan (SDP) is designed to provide a framework for the organization's various operations and goals. The institution has a Perspective/Strategic Plan in place to help it develop in a systematic, well-thought-out, and phased manner. Institute's management and human resources help in implementing the program in successful manner.

Internship cell has been established with an aim to facilitate a maximum number of students to achieve maximum opportunities for Internships in various industries. The internship cell works in coordination with the Training & Placement cell. The cell has been driven by S.T.E.S. central committee. Head of this committee who looks after all the activities going under the internship cell.

The institute has a TG scheme, where direct feedback is taken from the students about academic and non-academic activities are discussed in HOD meetings in order to have effective implementation of the policies and to monitor and evaluate the same, various committees have been formulated.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The Governing Body of the College is the supreme administrative body. The Governing Body is ambitious and converts aspirations into outcomes with a rigorous framework of governance. The Governing Body approves the strategic Vision and Mission of the Institution, long term business plans and annual budgets in accordance to meet the interests of the stakeholders. The Body ensures the establishment and monitoring systems of control and accountability including financial & operational controls and risk assessment; clear procedure for handling internal grievances. Governing Body monitors the institutions performance against the plans approved; and also benchmarks it against other institutions. The Chairperson supports the head of the institution in execution of the programs.

Involvement of each and everyone in the decision-making at their respective levels is ensured through decentralization and delegation of powers. Hence, there are various institutional committees consisting of faculty and staff members. Transparency associated therein also forms an important feature of the work culture. This is done through an institutional rule book and code of conduct document which are easily accessible to anyone as the copies are available in the Library, with the HODs and the Principal.

File Description	Documents
Paste link for additional information	http://cms.sinhgad.edu/media/515805/6.2.2_stesrulesandregulations_memorandaofassociation&byelaws.pdf
Link to Organogram of the institution webpage	http://cms.sinhgad.edu/media/523327/organogram.pdf
Upload any additional information	View File

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

The Institute has effective welfare schemes for the benefit of its teaching and non-teaching staff. Institute understands that faculty is the backbone of the educational system. Therefore, the

society, as well as the institute, gives more emphasis on the up-gradation of recent technological knowledge and skill sets on the regular basis among the faculty through the industry-institute interaction cell. For this purpose, to organize the industrial training programs, short-term programs, long-term programs, refresher courses, seminars, workshops, etc in the institute or to depute the staff in the other institute for attending such types of programs.

1. The institute has a sponsorship fee reimbursement scheme for STTP / Workshop/ Trainings /Professional Membership:

2. Training for faculty and staff:

3. Policy for Higher Studies:

4. Leave:

5. EPF:

6. EMBF:

7. STAFF QUARTER FACILITY:

8. Gratuity:

9. Health Awareness Programs:

OTHERS:

Institute encourages employees to be a member of state, national and international professional bodies.

Institute has given opportunities to staff to attend webinars to learn/share knowledge about recent/current changes, developments in different sectors.

File Description	Documents
Paste link for additional information	http://cms.sinhgad.edu/media/515808/6.3.1_leaves_rules.pdf
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/

workshops and towards membership fee of professional bodies during the year**6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

3

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

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

6

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)**6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year**

56

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Parameters of Performance Appraisal System of the Faculty

PART A - To be filled by Individual Faculty

PART B - To be filled by HOD

- Qualification.
- FDP, Seminar/ Workshop / Conference programs attended
- Seminar / Workshops / Conferences / Courses conducted as Coordinator
- Consultancy Work / or Externally Funded Research Projects
- Research Publications
- Books Published
- Membership of Professional Bodies
- Industrial Liaison
- Patents Obtained
- Result Performance of Subject
- Weakness in Teaching through Students Feedback
- Guest Lectures given to outsiders as an Expert
- Participation in

- Departmental Activities
- Institutional Activities
- Co-curricular Activities
- Community service and promotion of Entrepreneurship and job creation

- Constraints/ Problems if any faced
- Quality of Job
- General Intelligence
- Integrity and Character
- Reliability / Dependability
- Punctuality
- Fitness for continuation.
- Relation with Colleagues / Students and their Parents
- Brief about Punishments / Rewards
- Control over class and discipline
- Students Feedback
- Proficiency in subject of Specialization
- Initiative to do work
- Organizing ability
- Involvement in conducting and arranging communication skills / personality development / VAPs
- Efforts taken to overcome weakness in Teaching
- Leave Without Pay Availed during period of Assessment
- Overall Assessment
- Recommendations, if any

PART C (To be filled by Principal)

PART D

Remarks of Principal

Final Review by the Accepting Authority

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institute audit has been done in two ways, first audit by internal auditors twice in a year and final statutory audit by

authorised Chartered Accountant (C. A.). For internal audit, STES has deputed the expert auditors. The internal auditors visited to various institutes and check the documents or audits heads in the account section. These heads are the total number of students, total fees to be receivable from the students, total fees received from the students, total fee dues receivable from the students, scholarship receivable from Government agencies, total number of staff available on institute roll and verify their yearly increments on pay sheets and other details, invoices of purchased items of consumable and non-consumable. They scrupulously check all records of the institute, if any errors/ doubts in the documents or invoices, they immediately rectify the necessary corrections. After completion of internal audit, they prepare the compliance report and submit to the Hon'ble Founder President, STES. Then after signing of compliance report from Hon'ble Founder President, the same will be send to the concerned head of institute or Principal for resolving the errors or corrections. In statutory audit, they will show all details as per the Government norms.

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

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

The effective and efficient monitoring of the use of available financial resources of the institute is mechanized in the following way:

- The annual requirements of non-recurring and recurring expenditures are prepared by the HODs in consultation with senior faculty and laboratory in-charges. The details are given to the Principal in the prescribed format for each financial year.
- The departmental budget is discussed with the Principal and gets finalized to put into the institutional budget.
- A comprehensive institute budget proposal is prepared and presented by the Principal to CDC for recommendation and approval from GB.
- Principals and HODs can utilize the budgeted amount through the proper procedure (comparative statements & analysis of vendors) with specific approval of the President/ Vice-President.
- The principal can take decisions of emergency purchase within the approved budget.
- Regular procedure of quotations, comparative, analysis, delivery, payment after commissioning is carried out for effective and efficient use of available budget.
- Any additional requirement for emergency expenditure can be discussed by HODs with the Principal and requested to President /Vice-President for approval.
- Principal and HODs conducts periodic reviews with account section of institute to make sure that the funds are utilized effectively.
- Review by CDC and GB is carried out half yearly.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

IQAC committee is core committee at institute level, it looks overall activities such as college infrastructural development, improvement in academics by using modern methods and tools,

improving result of SPPU examination, to increase the campus placement in reputed industries, etc.

Sinhgad Academy of Engineering has the licensed copy of Microsoft Teams: Office 365 A1 for students and Office 365 A1 for faculty with zero cost under Educational Institutes membership. MS Teams is a collaboration tool built for hybrid work so that the team stays informed, organized, and connected online– all in one place.

Spoken Tutorial is a multi-award-winning educational content portal. Here one can learn various Free and Open-Source Software all by oneself. It's self-paced, multi-lingual courses ensure that anybody with a computer and a desire for learning, can learn from any place, at any time and in a language of their choice. It's (Free and Open-Source Software) – FOSS, funded by the National Mission on Education through Information and Communication Technology (ICT), launched by the Ministry of Human Resources and Development (MHRD), Government of India.

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

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

The college has a functional IQAC setup as per norms that include Teacher Representatives, Members from Management, representatives of Administrative Staff, one nominee each from Local Society, Students, Alumni, Employers, Industry, and Parents. IQAC has constituted a feedback system that seeks feedback regularly from all stakeholders.

Two examples on teaching-learning Processes and the Use of ICT Tools are described in the following paragraph.

1. Teaching Learning Environment:

IQAC works on improving the teaching-learning process and

supports adopting Outcome-Based Education (OBE) in all programs of college gradually. The Program outcomes are adapted from NBA, program-specific outcomes, and course outcomes prepared by each program considering Bloom's taxonomy in collaboration with faculty, industry experts, and other stakeholders.

2. Use of ICT Tools:

ICT enables self-paced learning through various tools such as assignments, computers, etc as a result of this the teaching-learning enterprise has become more productive and meaningful. ICT helps facilitate the transaction between producers and users by keeping the students updated and enhancing teachers' capacity and ability to foster a live contact between the teacher and the student through e-mail, chalk sessions, e-learning, web-based learning including internet, intranet, extranet, CD-ROM, TV audio-video tape.

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

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

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://cms.sinhgad.edu/media/515817/6.5.3%20nirf_iqac.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The institute is promoting social and economic empowerment of women through cross-cutting policies and programs, main streaming gender concerns, creating awareness about their rights and facilitating institutional and legislative support for enabling them realize their human rights and develop to their full potential. This institute runs co-aided programs 5 in number with all legitimate reservations for feminine gender. Regular security wing of officer, supervisors with guards are deployed for 24 hrs human security for the entire campus. Girls and boys separate common rooms are provided in the Institute building. In the institute girl students are equally participating in the various cultural, sports, social activities. For the campus placements eligible girl candidates are encouraged for the interviews and various competitive exams. The institute follows gender wise liberal policy for recruiting of teaching and non-teaching staff. Institute is having equal contribution in the administrative and teaching work by the ladies faculties. Various posts such as Head of the department for First year Engineering, Library are associated with the ladies faculties. The institute has a well established "Women Empowerment Cell". It is organizing various programs such as Women's day celebration, Rashtriya Ekta Divas pledge, lecture on common fitness myths and diet must have.

File Description	Documents
Annual gender sensitization action plan	http://cms.sinhgad.edu/media/515821/7.1.1%20-%20measures%20initiated%20by%20the%20institution%20for%20the%20promotion%20of%20gender%20equity%20during%20the%20year.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://cms.sinhgad.edu/media/523543/7.1.1%20geotagged%20photos.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

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

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

- 1. Solid Waste Management:For managing biodegradable solid waste in the campus rotating type of composting drums are used at various loctions in the campus.**

Measures taken for Reduction of solid waste generation

- 1. Limited usage of papers for printout.**
- 2. Promotion of use of biodegradable/reusable plates, glasses and spoons etc in canteen and Cafeteria.**
- 3. Institute prefers to offer sapling instead of bouquets to the guest visiting the institution.**

2. Waste Water Management

Recycling of waste water of sewage generated in college and

hostel building toilets are done through STP. The sewage of the college hostel, canteens, and mess is used in Biogas plant which has a capacity of 25,000 liters. All the trees, lawns, flower beds, botanical garden of medicinal plants in the campus is maintained through it. Entire open land is properly utilized under green coverage, treated effluent is used for gardening purpose.

3. E- Waste: Discarded Electronic and computer accessories are sold through auction to a licensed vendor Zagade Enterprises Pvt. Ltd.

4. Waste Recycling System

Recycling of sewage water for gardening & lawn purpose. The institute has a water softener and sewage treatment plant and recycling as well. Sewage treatment plant is also setup for recycling and reuse of waste water.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

1. Restricted entry of automobiles

- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

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

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information :

B. Any 3 of the above

**Human assistance, reader, scribe, soft copies
of reading material, screen reading**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

All National Importance Days are celebrated in the Institute. Religious harmony is promoted among the students by celebrating Shiv Jayanti, Gandhi Jayanti, Rashtriya Ekta Divas. The institute is providing good environment for the students from all parts of the nation. The hostel facilities are available for all girls and boys students. Institute policies support all inclusiveness.

National Student Scheme has taken the initiative to conduct various camps under which they are addressing various issues like village cleanliness, construction of bandharas, social awareness plays. NSS has conducted activity like vigilance awareness week 2020 integrity pledge as well virtual NSS Wari along with all.

The Earn and Learn Scheme implemented for Economically Backward Class students where apart from University contribution, institute is also contributing for the students. The institute implements the Government schemes like Tuition Fee Waiver Scheme (TFWS), EBC and SEBC scholarship. The NSS has organized webinar on supporting orphanages via caring and education and Eye donation pledge event. Mega Blood donation camp is organized by NSS in the institute with the huge response from the students as well as faculties. Motivation to the students and staff has been done by arranging 'Organ Donation Seminar and Awareness Drive' in the campus.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

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

Activities for constitutional obligations: values and rights

Every year Institute celebrates Republic Day, Maharashtra Day and Independence Day. The celebration is attended by Students, teaching and non-teaching Staff, Invitees, guests and any attendees. Many programs are arranged for human values and ethics such as, Stress management, Art of Living sessions etc. Students are made aware about the code of ethics, human values, rights, duties and responsibilities as a citizen of India during induction as well as other programs throughout year. To imbibe the values Institute has celebrated Vigilance Awareness Week 2020 Integrity Pledge.

Activities for Duties and responsibilities of citizens:

The tree plantation initiative is being taken by the NSS and many of the students' associations in the institute. The students are encouraged to participate in the activities of spreading the awareness among citizens on social issues like road safety and traffic rule awareness program which are conducted by NSS. Every year institute organizes blood donation camp in association with SKN Hospital and/or Rotary Club. NSS has also organized the program for the gender sensitization named Sex determination prohibition act. Students have also arranged webinar on Supporting Orphanages Via Caring And Education. Students are sensitized on the preservation the ecosystem and environment. Students are also sensitized to adapt green practices.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://cms.sinhgad.edu/media/515824/7.1.9%20-%20sensitization%20of%20students%20and%20employees%20of%20the%20institution%20to%20the%20constitutional%20obligations%20values,%20rights,%20duties%20and%20responsibilities%20of%20citizens.pdf
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized	C. Any 2 of the above
---	------------------------------

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

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

Commemorative days: Institute celebrates the days of national importance annually. Many departments arrange students' programs such as National Integrity Pledge and Rashtriya Ekta Diwas Pledge. The Yoga Day is celebrated in the campus by the employees on a large scale on 21st June of every year. International women's' day, earth day, water conservation day are also

celebrated. International women's' day is celebrated by arranging webinar on "women, common fitness myths and diet must haves" and Webinar on "What is Menstrual Hygiene and Why is Sustainable Menstruation Important for Earth".

Events: Teacher's Day is celebrated on occasion of birth anniversary of Dr. Sarvpalli Radhakrishnan to show the honor and respect towards the teachers. The Engineers day is celebrated on occasion of birth anniversary of Sir. M. Vishweshwarayya to express gratitude. Events like Organ Donation Event, Mega Blood Donation Camp, Eye Donation Pledge Event are also conducted by the institute. Webinar on 'Supporting Orphanages Via Caring And Education' is conducted by students association.

Festivals: The institute celebrates various festivals like Virtual NSS Wari, Rakhshabandhan and Diwali with CESA. Foundation Day is Celebrated by NSS students. The festival of Shiv Jayanti is celebrated every year on 19th February, which is the birth anniversary of Late Shri Chhatrapati Shivaji Maharaj.

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

7.2 - Best Practices

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

Best practice 1:

Internship Cell: It has been established with an aim to facilitate maximum number of students to achieve higher opportunities of Internships in various industries. Internship cell works in coordination with Training & Placement cell. The internship is a real application of the concepts, theories, knowledge and the learning skills in the classroom lectures to the context of the real world of work. With the intension of

catering on job training to the students in the area of his/her interest and passion of study, the internship cell is established in the year 2014-2015 in the Institute. The cell has delineated its standard operating procedure (SOP) for channelizing and monitoring internship programs undertaken by the students for its desired output, which consists of generation of interest, inculcating the techniques and technologies being used in practice and technically updated versions of those practices

Best practice 2

Students' social nurturing and outreach activities: These are the activities to help and encourage socially suppressed class of the society with socially deprived elements because of the common disparities on the economic, regional, linguistic, communal or gender grounds. The Institute takes care of promoting and encouraging the students for interfacing with such community sectors and having proper interface with them by conducting outreach activities. Various platforms are made available by the Institute as extracurricular activities for social interfacing of students with community viz. Women Empowerment Cell, Departmental Student's Associations, National Service Scheme (NSS) and Student Development Cell.

File Description	Documents
Best practices in the Institutional website	http://cms.sinhgad.edu/media/524433/internship.pdf
Any other relevant information	http://cms.sinhgad.edu/sinhgad_engineering_institutes/saoe/nss.aspx

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

"Student Training Program (STP)" is one of the best practices in the curriculum of the STES's students where students get well trained in various skillset improvising their employability level research interest and passion of entrepreneurship. Student training program is designed in five different modules. In the first module students are trained with the soft skills which include Goal Setting, SWOT Analysis, Resume Writing, etc. In the STP-II where students are facilitated with listening, reading,

writing and speaking skills. In this module, group of four students is prepared and small presentations are assigned to them as a task and they are motivated to deliver it in front of their class. STP-III, this level of training aims at training and refreshing of technical fundamentals. The students are provided with the training for improving basic domain knowledge and concepts of all core subjects for the respective branches. STP-IV Training from experienced teachers provides benefit to the final year students to prepare draft of curriculum vitae. The research component is also added at STP-IV level. STP-V, Training from internal faculty and outside experts is provided for practicing Group Discussion and Personal Interview. Value added program is organized under STP-V.

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

7.3.2 - Plan of action for the next academic year

To increase percentage placement of the students in the aspiring industries and in the promising projects.

To support and facilitate culture of research for students and faculties by promoting their research.

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).

To organised the programmes to encourage and support students to start their own start-ups.

To initiate more eco-friendly and sustainable learning environment.