



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

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	Principial
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02067571115
• Mobile no	9545754563
• Registered e-mail	saepricipal@sinhgad.edu
• Alternate e-mail	iqac.sae@sinhgad.edu
• Address	Sr.No.40/4A, Near PMC Octroi, Post, Kondhwa-Saswad BypassRoad, Kondhwa (Bk) ,Pune-41048
• 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	Prof.D.W.Gawatre				
• Phone No.	02067571116				
• Alternate phone No.					
• Mobile	9075969911				
• IQAC e-mail address	iqac.sae@sinhgad.edu				
• Alternate Email address	dwgawatre.sae@sinhgad.edu				
3.Website address (Web link of the AQAR (Previous Academic Year))	http://cms.sinhgad.edu/media/530217/aqar-2020-21.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/531680/academic%20calendar%2021-22.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
Cycle 2	A	3.19	2023	24/01/2023	23/01/2028
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	
0	0	0	0	0	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• 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>1. Planning and implementing quality assurance processes: The online teaching learning process was executed using Microsoft team platform exclusively. V-LAB connectivity provided remote-access to simulation-based Labs in various disciplines of engineering which benefited the student's community. Best department awards are initiated for the quality assurance and sustenance in the Institute.</p>		
<p>2. Facilitating accreditation: Institution prepared SSR for the second Cycle of accreditation by providing guidance and ensuring compliance with quality standards.</p>		
<p>3. Promoting research and innovation: The Industry Institute Interface Cell(IIIC), Technology business incubation and Entrepreneurship Development Cell (EDC),have conducted programs for the innovation and Industry-sponsored projects have been made possible for the students. More than 200 papers have been published in the refereed Journal and Conference.projects for students in their Prefinal and final year and hosting webinars for students from various academic fields. IQAC promotes research and innovation in institutions by encouraging faculty members and students to engage in research, providing support for research activities, and organizing seminars and conferences.</p>		
<p>4. Enhancing teaching and learning: Value Addition Programs (VAPs) such as Internet of Things (IoT),Machine Learning, Data Science Using Python, Geometric Design and Tolerance etc. were conducted for final year students of all streams in due consideration of demand to</p>		

fill the gap between the industrial perspective and the University curriculum.

5. Ensuring stakeholder satisfaction: IQAC collects feedback from students, faculty members and Alumni to ensure their satisfaction with the quality of education and the overall academic environment.

6.A separate Mission,Vision,Objectives and Functions of IQAC are formed.

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
Strategies of online teaching and evaluation should be improved	Training of faculty and students was conducted to get familiar with new features of MS Teams Platform
Conduct Faculty Development Program in online mode based on current trends.	Successfully conducted FDPs in online mode
Faculties are encouraged to publish copy right,Patent and other IPR related seminar conduction	IPR seminar conducted for faculties. And copy right are published.
Precautionary measures to be taken before the start of offline classes were discussed and finalized.	Posters, thermometer and hand sanitizers were purchased. Sanitization was carried out for entire premises.
Organize National/International conference in online mode.	National conference in online mode was successfully conducted.
SSR should be prepared/uploaded in accordance with the revised guidelines	Revised format of SSR was circulated to all the members and Prepared SSR uloaded successfully.
Value added Programs(VAP) for all branches to be conducted on current trends.	VAP conducted successfully with different topics.
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 					
<table border="1"> <thead> <tr> <th>Name</th> <th>Date of meeting(s)</th> </tr> </thead> <tbody> <tr> <td>Internal Quality Assurance Cell (IQAC)</td> <td>14/07/2021</td> </tr> </tbody> </table>		Name	Date of meeting(s)	Internal Quality Assurance Cell (IQAC)	14/07/2021
Name	Date of meeting(s)				
Internal Quality Assurance Cell (IQAC)	14/07/2021				
14. Whether institutional data submitted to AISHE					
<table border="1"> <thead> <tr> <th>Year</th> <th>Date of Submission</th> </tr> </thead> <tbody> <tr> <td>2021-22</td> <td>19/12/2022</td> </tr> </tbody> </table>		Year	Date of Submission	2021-22	19/12/2022
Year	Date of Submission				
2021-22	19/12/2022				
15. Multidisciplinary / interdisciplinary					
<p>Sinhgad Academy of Engineering is a state university that is affiliated with Savitribai Phule Pune University (SPPU), it must adhere to any rules or regulations created by the state government. As an associated institute, our parent institution developed our course structure and the content for pedagogical transactions in accordance with UGC rules. The New Education Policy (NEP) emphasizes the need for multidisciplinary and interdisciplinary approaches in engineering education. This means that engineering colleges should encourage students to study courses from other disciplines like humanities, social sciences, and natural sciences to broaden their understanding and develop a holistic perspective. The NEP also recommends the integration of real-world problem-solving and industry partnerships in engineering education to prepare graduates for the changing job market.</p> <p>Currently, the institution depends on the affiliated university to offer a creative and adaptable curriculum. The SPPU, which also offers community engagement services like the National Service Scheme, has prioritised NEP 2020. (NSS). For PG and PhD students, the institution supports interdisciplinary projects and research. While the multidisciplinary and interdisciplinary educational method outlined in the policy will become clearer in the following months, we welcome the shift and are prepared to apply it in our college.</p>					
16. Academic bank of credits (ABC):					
<p>The Academic Bank of Credit (ABC) is a key component of the New Education Policy (NEP) for higher education, including engineering</p>					

colleges. The ABC is an online platform where students can store their academic credits earned through courses, projects, internships, and other learning experiences. These credits can be accumulated and transferred across institutions, providing students with flexibility and opportunities for interdisciplinary learning. The ABC aims to provide a more personalized and flexible learning experience to students, allowing them to choose their own academic pathways and pace of learning. As Sinhgad Academy of Engineering is affiliated to Savitribai Phule Pune University, Institute has ABC of students.

17.Skill development:

The National Education Policy (NEP) 2020 emphasizes the importance of skill development in engineering education. It encourages engineering colleges to incorporate experiential learning, industry internships, and apprenticeships to provide students with practical skills and make them job-ready. The NEP also emphasizes the need for engineering education to be interdisciplinary, with a focus on emerging technologies such as AI, IoT, and robotics. Additionally, the policy encourages colleges to adopt flexible curricula and credit transfer systems, allowing students to pursue multiple disciplines and have opportunities to learn new skills throughout their careers.

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. Sinhgad Academy of Engineering 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 EDcell, III cell that has been used to develop student potential by providing guest lectures and organizing workshops.

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

NEP suggests that engineering colleges should offer programs in regional languages, to make education more accessible to students from diverse linguistic backgrounds. Additionally, colleges should integrate Indian culture and perspectives into the engineering

curriculum, to provide students with a well-rounded education that is rooted in India's rich cultural heritage.

Many events are organised by an active NSS section and the sports and cultural committee to encourage students to embrace Indian culture.

The college magazine is published with three sections in Marathi, Hindi, and English to support local language development and the implementation of the three language formula. 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. Moreover, the use of technology to offer online courses and virtual laboratories, enabling access to quality engineering education to a wider range of students across the country is appreciated. This would also allow engineering colleges to collaborate with each other, and with industry partners, to provide students with cutting-edge knowledge and skills. Sinhgad Academy of Engineering is not able to follow this in the curriculum as it is affiliated to SPPU.

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

The National Education Policy (NEP) 2020 emphasizes the adoption of Outcome-Based Education (OBE) in engineering colleges. OBE is an approach to education that focuses on defining the desired learning outcomes of a program, and then designing the curriculum and assessments to ensure that students achieve those outcomes by developing learning outcomes that are aligned with industry requirements and the needs of society. This would help ensure that graduates are well-prepared for the workforce and have the skills needed to contribute to the development of the country. Sinhgad Academy of Engineering adopts continuous assessment and feedback mechanisms to monitor students' progress and ensure that they are achieving the desired learning outcomes. This would help faculty members identify areas where students need more support and make necessary adjustments to the curriculum. The institute has implemented a programme that aligns course objectives with programme results for every subject.

The organisation of different curricular activities is based on the mapping of CO and PO. The COs of the courses are mapped with PSO, and

departments have additionally established program-specific goals. Internal assessment tools are used to evaluate student performance on unit assessments, assignments, and other course-related activities. Continuous assessment is also applied to assess student progress. Students' achievement on university exams serves as an external evaluation mechanism for CO attainment. Exit surveys are employed in addition to the same methods for PO and PSO accomplishment as an indirect assessment tool. Additionally, the Institute make use of digital technologies and online platforms to support OBE in engineering education. This would allow for the collection and analysis of data on student performance, which can inform ongoing improvements to the curriculum and pedagogical approaches. Overall, the adoption of OBE in engineering education can help ensure that graduates have the knowledge and skills needed to meet the demands of a rapidly changing world and make valuable contributions to society.

20.Distance education/online education:

The adoption of distance education and online learning in engineering education can help increase access to quality education, promote lifelong learning, and provide students with the skills and knowledge they need to succeed in a rapidly changing world. The NEP also highlights the importance of ensuring that online education is accessible to all, including students from marginalized communities and those with disabilities. Under the NEP, engineering colleges are encouraged to develop online learning resources and digital platforms that allow for flexible, self-paced learning. This would enable students to access quality education from anywhere, at any time, and at their own pace.

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

1.1 372

Number of courses offered by the institution across all programs

during the year

File Description	Documents
Data Template	View File

2.Student

2.1 2289

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 300

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

File Description	Documents
Data Template	View File

2.3 720

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 112

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 126

Number of sanctioned posts during the year

Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	372
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	2289
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	300
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	720
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	112
File Description	Documents
Data Template	View File

3.2	126
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	266.565
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

Effective curriculum delivery is ensured by the Institute by standard operating process. It consists of three phases namely: planning, monitoring & corrective action during delivery & improvement in the subsequent year based on the outcomes after the delivery .

The planning stage begins with an academic calendar provided by the University at the start of every academic year. Institute prepares its academic calendar by adding schedule for various internal examinations. All departments prepare their department calendar by adding the planned events in the Institute calendar. The Faculties prepare course files. Faculties attend Faculty development programs for new subjects. The delivery phase . The HOD monitors delivery by teachers using teaching plan records, minutes of Teacher guardian (TG) meetings & students' feedback report. Faculty whose feedback is less in some parameters is counseled by HOD. TG meetings can get informal feedback about

individual student issues & collective concerns. After the delivery throughout a semester, a cognizance is taken to improve delivery in subsequent years.

Feedback about curriculum is taken from stakeholder's viz. students, faculties, alumni & employers.

Result analysis and CO attainments are analyzed and corrective measures in curriculum planning & delivery are suggested and implemented in subsequent academic years.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://cms.sinhgad.edu/media/531786/1.1.1%20effective%20curriculum%20delivery.pdf

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

The academic calendar is circulated to all faculty & students. The departmental academic calendar is used by faculty to prepare Teaching plan, which helps the faculty to complete the requisite syllabus before the internal tests & final exams.

The HOD regularly monitors the execution of curriculum delivery through the records of teaching plans. If there is any deviation in curriculum delivery as per calendar due to some unforeseen reasons, the concern faculty rectifies the deviation by conducting extra sessions. The continuous assessment of Practical Term work is done by the faculty on regular basis. These practices oblige students to complete the term work as per the calendar .Attendance of students is observed on daily basis. Those students who are having attendance less than 75% in a month, such students are counseled & parents are informed through the system of teacher guardian. As per the academic calendar, unit tests & prelim exams are conducted . The remedial classes for slow learners for which a separate calendar is prepared by concerned faculty. All students are informed & guided about various online courses such as IIT spoken tutorial , Infosys springboard etc. which they can attend after academic contact hours.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://cms.sinhgad.edu/media/531783/1.1.2%20adheres%20to%20the%20academic%20calendar.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 UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

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

6

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

1834

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

The vision statement of the Sinhgad Institutes is : "We are committed to produce not only good engineers but good human beings, also".

The affiliating University has already blended cross cutting issues into the curriculum for the holistic development of the students , both in credit courses & in audit courses. Some of the credit courses are: Humanities & social sciences, environmental engineering, Code of Conduct, Soft Skills etc. Some of the audit courses are: environmental studies I & II , green construction & design ,social awareness & governance , professional ethics & etiquettes, e-waste management & pollution control, road safety, the science of happiness, stress relief: Yoga & meditation, value education , environmental studies , water management , sustainable energy system etc. In total , there are eight Professional ethics courses, one Gender equality course, five Human Values courses,

seven Environment and Sustainability courses in the curriculum prescribed by the University.

In addition to this , the Institute arranges field visits ,seminars to give additional inputs to the students about cross cutting issues. Our Institute NSS team conducted various activities such as Yoga Day, Independence Day, Vaccination etc.

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

18

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	View File
Institutional Data in Prescribed Format	View File

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

1395

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/531806/1.4.1%20stackholder%20feedback,%20analysis%20and%20action.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/531806/1.4.1%20stackholder%20feedback,%20analysis%20and%20action.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

375

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**

156

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

Institute strives for holistic development of the students. Institute identifies the slow and advanced learners depending on their academic journey. Students with good academic background and skills are guided to higher levels of achievement and encouraged towards challenging goals. Students with weaker academic record are guided to enhance their record.

Identification of Advanced Learners:

Advanced learners have been identified based on their Academic records, consistency and versatile performance in other co-curricular activities.

Strategies

- Students are encouraged to get university ranks .
- They are encouraged to complete NPTEL courses.
- Encouraged to do projects under the clubs like Robotics, Baja, Supra etc.

- Motivation and guidance provided for higher studies.
- Students are enthused to get industry sponsored/research projects.
- The students take active part in organising various extra and co-curricular, inter/intra departmental, inter/intra college events.
- Faculty members enlist students to work on research projects.

Identification of Slow Learners:

Slow learners have been identified based on their poor academic records, lack of consistency and lack of cognizance.

Strategies

- Special and remedial classes are organized to improve the performances, to clarify the doubts and to the re-explanation on the topic.
- Personal Attention is given.
- Re-test is taken for improvement.
- During counseling, special hints and study techniques are discussed.
- Assignments and solving university question papers.

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
2289	112

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

The Institute practices a teaching methodology which focuses on imparting education through a student centric approach. This methodology helps to transform students from being relegated to the role of passive recipients to active and involved stakeholders, apart from boosting their confidence and encouraging independence.

1) Active learning:

By involving students in the learning process

- Brain storming, quizzes, debates, group discussions, role play, games, model making, mini projects, presentations, case studies, and simulations on technical content.
- Animated PPTs for some topics.
- Brief demonstrations.

2) Collaborative Learning:

Students are encouraged to team up with the students to execute different tasks like celebration of Teachers day, Engineers day, Environmental day and other cultural and sports activities by organizing various events through different clubs.

3) 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

4) Experiential learning:

There is an emphasis on field-based experiential learning like internships, Industrial visits and service learning, as well as classroom-based experiential learning like role plays, games and case studies. Students are encouraged to participate for conferences in and outside college in order to get exposed with realistic and industry challenges

5) Project-based learning:

Students work on application of theory learned through

projects/model building/simulation in the form of design and fabrication of some systems.

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

Teachers are realizing the changes in the cognition process of students and are using 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.

Teachers 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 through Google classroom, MS Teams, Moodle, etc.
2. Virtual labs and search engines like Google Search, Google Scholar are used to encourage collaborative learning.
3. Some faculty members have created online digital repositories for lectures on the platforms like YouTube.
4. Digital social learning platforms (WhatsApp, Telegram, Linkdin etc)
5. Exposure to industry: Interaction of faculty with industry during the internship and Sponsored projects of students
6. Proactive teaching methods (group discussions, role play, games in class like mime, treasure hunting, mimicry, etc.)
7. Project-based teaching-learning

The teaching-learning process is made more novel/attractive to students as 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

111

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

112

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

24

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

1041

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 follows SPPU's guidelines for the internal assessment of the theory and laboratory. In addition to that, the Institute has cautiously designed and implemented a parallel mechanism to ensure the preparedness of the students. Complete transparency is maintained in different forms of internal evaluations. Internal examinations, namely Unit Test and Prelim in every semester, are planned in the academic calendar and executed as per the schedule. After assessment, answer sheets are distributed and discussed with students for their benefit and to maintain transparency in the evaluation. A retest is conducted for students having unsatisfactory performance by giving them sufficient time for preparation. Examination results are displayed on notice boards and conveyed to the parents by TG.

Term work assessment

The performance of each student is recorded in a continuous

assessment sheet (CAS). The results of the evaluation are used to determine the student's final TW. Aside from the class tests, the Institute also provides various evaluation tools that are designed to help students improve their performance. These include assignments, internal oral/ practical examination, online tests, case studies, and open book tests.

Project Work Assessment

During the semester, students are given the opportunity to review the progress of their project work and keep track of their evaluation sheets. These reviews allow them to remain focused and confident as they work on their projects.

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

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

The Institute has adopted a fair and transparent process for the evaluation of students prescribed by the affiliating university. The evaluation process comprises mainly two components: formative assessment and summative assessment. There is a well-defined mechanism for grievance redressal related to the formative assessment by the Institute and for grievances relating to the summative assessment by SPPU.

To address all examination and evaluation related problems, the Institute has appointed a college examination officer (CEO) as per the directives of SPPU. An aggrieved student makes an application to the CEO and he addresses it as per the stipulated norms of SPPU. The CEO categorizes it either as a grievance related to formative or summative/external assessment.

In the case of formative assessment related grievances, the college examination officer forwards them to the respective department. Whenever a grievance is reported regarding the internal evaluation, the concerned HoD, along with the concerned subject teacher, shows the carefully maintained CAS record to the aggrieved student and tries to resolve the grievance. The enquiries regarding the internal unit tests/mock practical examination or project progress evaluation are addressed by the

individual subject teachers.

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.

Program outcomes (PO), program specific outcomes (PSO) and course outcomes (CO) of the all the programs and courses are stated and communicated to the students through Institute website and displayed at prominent notice board of the Institute. The process of CO framing for all courses in all programs is discussed below:

For every course three to six intended learning outcomes are stated as COs. Unit wise course contents from the syllabus forms the basis for framing CO statements. CO statements address appropriate Blooms Taxonomy levels by considering proper abilities and skills to be acquired by the students. 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 COs with POs and PSOs give CO-PO and CO-PSO matrices respectively.

Mechanism of Communication of POs and COs:

1. Displayed on the notice board of the departments.
2. Published through Institute website: <http://saoe.sinhgad.edu/>
3. Published regularly in Institute brochure, departmental newsletter and collage magazine.
4. Printed on laboratory manuals, project log book, Attendance sheet.
5. Presented during various value added courses, workshops, seminars, induction programs.
6. Conveyed during teaching learning process, TG meetings.

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.

CO attainment is a combined result of direct and indirect assessment. This in turn helps in PO assessment as each CO is mapped with certain POs and PSOs. Besides this, the exit survey is taken from students for indirect assessment of the PO's. The alumni and employer surveys are taken for indirect assessment of the PSOs.

CO attainment:

Direct Attainment of CO = 80% of CO attainment in the internal assessment + 20 % of CO attainment in the external examination.

COs are mapped with PO and PSO

Each Subject teacher prepares CO-PO and CO-PSO matrix

PO and PSO attainment:

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

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

Overall attainment of PO = 70% attainment through the direct method + 30% of PO attainment through an indirect method.

Overall attainment of PO = 70% PO_{dir} + 30% PO_{indir}

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

670

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	Nil

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/531568/ssss_analysis_final.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)

0

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
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

3

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

0

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	No File Uploaded
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

participation in clubs such as SAOE motor club(Estb-2007),Team Astros (Est-2007) and Cypher Cell (Est-2018).The students through the above clubs actively participate in state and national level events.

On 15th & 16th July 2022, Robotics Workshop was organized in our college campus This event was organized by Team Astros, Robotics Team and total of 58 students from different branches have participated in the workshop.

The topics covered in workshop focused mainly on the Arduino Microcontroller and its interfacing with various sensors like infrared, ultrasonic and hall sensor. he workshop aimed at introducing the students to the branch of Robotics and developing their logic to solve various day to day problems using what they were taught. The workshop included a wide range of topics like Circuit Designing and Printing, Solidworks and Pneumatics. The students were given time to build an innovative robot based on the topics covered in the workshop.

The selection of new team memebers was done by SAOE motor club team memebers . The selected students were given training .These sessions helped to identify the skills and talent of the new memebers.

File Description	Documents
Upload any additional information	No File Uploaded
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

2

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

9

File Description	Documents
URL to the research page on HEI website	http://cms.sinhgad.edu/sinhgad_engineering_institutes/saoe/naac/criteria-21-22-(2).aspx
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	No File Uploaded

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

103

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

11

File Description	Documents
Any additional information	No File Uploaded
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

The college organizes and promotes various activities under the NSS around the year for the holistic and sustained development of neighborhood community. On Yoga Day, webinar on Yoga and meditation was conducted to create awareness about our ancient practice and also health consciousness in the society. For the sustainable development goal webinar on the topic "Decade on eco-system restoration" was conducted. On the occasion of 75th Independence Day we shed light on importance Of Patriotism and Sacrifice Our Soldiers Have Made. An Inaugural lecture on Azadi ka Amrit Mahotsav was conducted on the topic "An enthusiastic approach for Fundamental unity of India. We had organized a Games Fest on the occasion of NSS Day. In the view of Covid-19 pandemic the NSS have organized a Vaccination Drive for college students and staff. On 30th December 2021, Volunteers of NSS SAOE conducted blood donation drive. On the evening of 26th January, gram survey was conducted at the Dive village Taluka- Purandar District- Pune. We conducted seminar on Indian Constitution on the occasion of Ambedkar Jayanti, for educating youth about our Indian Constitution. All these activity develops social skills, communication skills, management skills, leadership skills, and aptitude for problem solving amongst the student.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

0

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	No File Uploaded

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

1355

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

164

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

25

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.

According to the standards established by the AICTE, DTE, and SPPU, the institute has the essential infrastructure for the teaching and learning process, co-curricular activities, and extracurricular activities. Classrooms, tutorial rooms, labs, seminar halls, a central computing laboratory, and a library make up the building's physical infrastructure. Each department has modern, well-equipped laboratories that receive regular upkeep. The furniture, lighting, ventilation, and internet connectivity in the classrooms are all excellent. For a better understanding of theory and practical principles, charts and models are exhibited in the labs. Each department has a separate cabin for the teaching members that is comfortably equipped and has a setting that encourages regular engagement with the students who visit for guidance and discussions. A variety of facilities for mechanically based practicals, including machine, fitting, carpentry, welding, blacksmithy, and tin smithy shops, are available in the central workshop. To facilitate successful teaching and learning, the institute features 35 classrooms that are well-ventilated and ICT-equipped with a blackboard, computer, LCD projector, internet, and LAN capabilities. The institute also offers a meeting room and a seminar hall. The institute comprises 47 undergraduate, graduate, and research laboratories. The institution has 571 computers 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 hired a physical director who attends to the various sports and athletic needs of students. The institute encourages students to take part in a variety of sports and competitions at the collegiate and state levels, as well as in

cultural events and NSS programs, in order to promote the students' overall development.

Sports: A variety of sports events are held to enhance students' talents in various fields and to assist in their overall development. Outdoor sports like cricket, football, volleyball, basketball, badminton, lawn tennis, etc. can be played on a spacious playground. The institute also provides a room where people can play carrom, table tennis, and chess indoors.

Cultural activities: Students are encouraged to take part in and organize a variety of cultural activities in order to reveal their hidden abilities and gain enough exposure to interpersonal skills, teamwork, time management, and delegation. The students take part actively and enthusiastically in a variety of activities, including singing, dancing, fashion shows, etc., as part of the yearly event Sinhgad Karandak. In addition to these, the students are inspired to take part in state-level cultural competitions like Purshottam Karandak and Firodiya Karandak, where they have won numerous awards. In addition to these occasions, students also celebrate Navratri, Teachers Day, and other holidays.

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 fully 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 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 can be carried out through this software. Library web OPAC is provided to students and faculty for renewal of books and searching library materials. Digital library collection rare books, open source books, college news are made available for students through open source software caliber. This link is available through LAN

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

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

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)

0.397

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

9.80

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

The institution has a sufficient IT infrastructure that is regularly updated and modified in accordance with the demands of the curriculum and evolving technology. There are Wi-Fi zones available in a number of places, including reading rooms, hostels, and departmental lobbies. Through LAN, internet connectivity is available in the computer laboratories. All departments have access to ICT resources. All relevant laboratories have the required systems and application software. 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: We encourage

open-source software, tools, and applications for enabling computer-assisted learning, teaching, and design in order to reduce the dependency on proprietary software and tools. Currently, the institute uses different Linux operating system versions.

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)

46.645

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 hired a team of personnel of various types of maintenance staff, who are duly under the administrative office's supervision. The institute's building, laboratories, classrooms, and other facilities are all maintained by the central "Civil, Electrical Repair and Maintenance" committee. 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: The appropriate laboratory In-charge and Technical Assistant (TA) will take the necessary steps to repair and maintain the lab apparatus as needed. TA performs the routine maintenance, and records of that maintenance are kept. Major repairs are handled by the HOD and Laboratory In-charge, and the maintenance is carried out by the relevant external equipment experts. Computer and peripherals: The technical assistants handle the routine maintenance, repair, and upgrading of computers and peripherals. The system administrator supervises and maintains the LAN. The system and application software are periodically updated. 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: Assistants in the library maintain the books and periodicals. The binding of books and other associated tasks are 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**

1907

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**

10

File Description	Documents
Upload any additional information	View File
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/532563/5.1.3%20capacity%20building%20and%20skills%20enhancement%20initiatives%20(1).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

579

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

579

File Description	Documents
Any additional information	View File
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

193

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
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

6

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.

5

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 established a 'Student Council' in accordance with the guidelines established by the Savitribai Phule Pune University. The Student Council is proposed to include the

President and Vice president of each Departmental Students' Association. It plans a range of co-curricular and extracurricular activities with a focus on the entire development of students.

Each department at the college has its own student association. The student associations coordinate with the students and assist the department in promoting co-curricular and extracurricular activities. Students Members of the student association actively participate in a variety of departmental and college-wide events, such as technical competitions, Teacher's Day, Engineer's Day, Project Competitions, FE induction, and farewell to final-year students etc. Department of Information Technology and Civil Engineering organized intra-campus cricket tournament also.

Also, student representatives serve on a number of committees, including the IQAC, the Anti-Ragging Committee, and the Students' and Internal Complaints Committee against Sexual Harassment, which all help in carrying out administrative duties. Students actively participate in a variety of campus activities and inter-college / university competitions.

Additionally, students are given the duty of training and placement (T&P) coordination, in which they serve as a liaison between the student body and the T&P cell. Each class has a Boy and a Girl Class Representative that relays messages and monitors class activities. Also, students organize several initiatives of National Service Scheme (NSS), Social Media Cell, Alumni Cell, Cypher Cell, Robotics Cell and Industry Institute Interaction Cell

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

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

File Description	Documents
Report of the event	View File
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 2010 with Registration No. MH/1551/2010/ Pune dated 29/07/2010, is in charge of alumni relations with the Institute. The alumni committee is made up of the Principal, Vice Principal, Institute level staff coordinator, and coordinators from each department. This association operates under a well-defined 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, robotics club, Cypher cell, 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. The most recent alumni gathering was held online on 12/2/22 via the MS Teams platform. 311 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 their organisation in which they are working to the current students. Some of the Alumni's who are entrepreneurs have signed MOU with the Institute. Alumni's help current students in getting internship, project sponsorship and job placement.

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 institute's unique characteristics in meeting the needs of its stakeholders are defined in its vision and mission statement. To comply with AICTE and UGC norms and in accordance with the above vision and mission, the college management established a Governing Body. The Governing Body's members are actively involved and use their extensive experience and leadership skills to promote the growth and development of the institution. In addition to learning academic knowledge and skills, including problem-solving and analysis, holistic student development includes all aspects of students' personal growth and moral development. This includes their emotional and moral maturation as individuals.

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

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

The Institute promotes governance through participatory management of authorities across various levels, with clearly defined duties, responsibilities, and authorities for all employees.

At the institutional level, the Principal acts as the educational controller and oversees the monitoring of all departments through their respective HODs. Regular meetings are held, starting from the planning of the upcoming semester, to discuss academic events and activities such as Techtonic and Sinhgad Karandak. The HODs are encouraged to express their opinions and innovative concepts during these meetings, and decisions are made through participatory discussions. Each HOD conducts meetings with their teaching staff to determine the distribution of subjects for the upcoming semester. Similarly, portfolios of academic works are decentralized, and the HOD interacts with non-teaching staff to assign laboratory duties. The lab-in-charge conducts meetings with subject teachers and technical lab assistants to plan and coordinate the teaching-learning process within the labs and classrooms. This includes visits, lectures, seminars, and workshops related to their respective subjects. The lab-in-charge delegates their responsibilities as needed, ensuring that all levels of the institution operate in a cohesive and effective manner.

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 is essential to guide an institution's digital transformation and ensure that new technology projects

align with the institution's objectives. This plan serves as a roadmap for the institution's future vision, outlining the necessary changes and project implementations.

The institute's Strategic Development Plan (SDP) provides a framework for the organization's operations and goals, ensuring that development is systematic, well-thought-out, and phased. The management and human resources of the institution play a significant role in successfully implementing the SDP. The institution has established an Internship Cell to provide students with maximum opportunities for internships in various industries. The cell works in coordination with the Training & Placement Cell and is managed by the S.T.E.S. central committee.

The head of this committee oversees all activities related to the Internship Cell. Additionally, the institution has a TG scheme that collects direct feedback from students about academic and non-academic activities. To ensure effective implementation of policies and monitor their success, various committees have been formulated, and HOD meetings are held to discuss these policies.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://cms.sinhgad.edu/sinhgad_engineering_institutes/saoe/criteria/criteria-6/621-the-institutional-strategic-or-perspective-plan-is-effectively-deployed.aspx
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 highest administrative authority, dedicated to converting ambitious aspirations into outcomes through a rigorous framework of governance. The Body approves the strategic Vision and Mission of the Institution, long-term business plans, and annual budgets to meet the interests of the stakeholders. The Body establishes and monitors systems of control and accountability, including financial and operational controls, risk assessment, and procedures for handling internal grievances.

The Governing Body also monitors the institution's performance against approved plans and benchmarks it against other institutions. The Chairperson supports the head of the institution in executing the programs. Decentralization and delegation of powers ensure that everyone at all levels is involved in the decision-making process, facilitated through various institutional committees consisting of faculty and staff members. The work culture is transparent, with the institutional rule book and code of conduct document easily accessible to everyone, available in the Library, with the HODs, and the Principal.

File Description	Documents
Paste link for additional information	Nil
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 interfaces	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 places a strong emphasis on the well-being and development of its faculty and staff. The institute recognizes that the faculty and staff are vital to the success of the institution and places importance on keeping them up-to-date with

the latest technological knowledge and skill sets through the industry-institute interaction cell. To facilitate this, the institute organizes industrial training programs, short-term programs, long-term programs, refresher courses, seminars, workshops, and other similar events. Additionally, the institute has various welfare schemes in place to benefit its employees, including reimbursement of sponsorship fees for various training programs, policies for higher studies, leaves, EPF, EMBF, staff quarter facility, gratuity, and health awareness programs. The Institute also encourages its employees to become members of state, national, and international professional bodies and provides opportunities to attend webinars to stay informed about recent changes and developments in various sectors. Overall, the Institute prioritizes the welfare and growth of its faculty and staff.

File Description	Documents
Paste link for additional information	Nil
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

0

File Description	Documents
Upload any additional information	No File Uploaded
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

0

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

44

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

The Performance Appraisal System for faculty members has several parameters that are evaluated by different stakeholders.

Part A is filled by the individual faculty member and includes

self-evaluation on parameters such as qualifications, attendance in professional development programs, publications, memberships, consultancy work, and patents obtained.

Part B is filled by the Head of the Department and includes an evaluation of the faculty member's performance in teaching, research, and community service. The HOD also evaluates the faculty member's involvement in departmental, institutional, and co-curricular activities, along with their relationship with colleagues and students.

Part C is filled by the Principal and includes a review of the overall performance of the faculty member.

Part D includes remarks by the Accepting Authority on the final review.

The Performance Appraisal System covers a range of aspects related to the faculty member's job and their contribution to the institution. The evaluation helps identify areas of strength and weakness and provides recommendations for improvement. It also ensures transparency and accountability in the appraisal process.

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

It's good to hear that the institute has a system of regular internal audits twice a year to ensure that all records and documents related to the account section are being maintained accurately. It's also great that the institute has deputed expert auditors to carry out the audits, which ensures a thorough review. The auditors are checking various heads like the total number of students, total fees receivable, total fees received, fee dues receivable, scholarships receivable, and staff roll details, among other things. It's good to know that the auditors rectify any errors or doubts in the documents immediately.

After the completion of the internal audit, a compliance report is prepared and submitted to the Hon'ble Founder President of STES, who signs the report. The report is then sent to the concerned head of the institute or the Principal to resolve any errors or make corrections. It's great to see such a transparent and accountable approach to the audit process.

In addition to the internal audit, the institute also conducts a final statutory audit by authorized Chartered Accountants. It's reassuring to know that the institute follows all government norms during the statutory audit. Overall, this comprehensive audit system ensures that the institute's financial records are accurate and up-to-date, and helps to build trust and confidence among stakeholders.

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 monitoring of financial resources in the institute is carried out through a structured process that involves various stakeholders. The process starts with the preparation of annual requirements by the HODs in consultation with senior faculty and laboratory in-charges. The details are then 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. Once the budget is approved, the 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 purchases within the approved budget. The regular procedure of quotations, comparative analysis, delivery, and payment after commissioning is carried out for effective and efficient use of the available budget. If there is any additional requirement for emergency expenditure, HODs can discuss it with the Principal and request approval from the President/Vice-President.

The Principal and HODs conduct periodic reviews with the account section of the institute to make sure that the funds are utilized effectively. Review by CDC and GB is carried out half-yearly, which ensures effective monitoring of financial resources.

Overall, the mechanized system of monitoring financial resources in the institute ensures transparency, accountability, and optimal use of available resources.

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

The IQAC committee at Sinhgad Academy of Engineering plays a key role in overseeing various activities related to the college's infrastructure development, academic improvement, SPPU examination results, and campus placement. The committee's aim is to ensure that the institute is meeting its objectives in a structured and efficient manner.

In addition, the institute provides its students and faculty with licensed copies of Microsoft Teams: Office 365 A1 at no cost, which enables them to collaborate and stay connected online from any location. This platform is built for hybrid work and allows teams to stay informed and organized all in one place.

Sinhgad Academy of Engineering also provides access to Spoken Tutorial, a multi-award-winning educational content portal that offers self-paced, multi-lingual courses on various Free and Open-Source Software (FOSS). The portal is 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. This initiative aims to provide anyone with a computer and a desire to learn with an opportunity to learn in a language of their choice and at any time and place.

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 institute has established a functional Internal Quality Assurance Cell (IQAC) as per the prescribed guidelines, consisting of representatives from various groups including teachers, management, administrative staff, local society, students, alumni, employers, industry, and parents. IQAC has developed a regular feedback system that solicits feedback from all stakeholders to ensure continuous quality improvement.

1. Teaching Learning Environment:

The IQAC strives to enhance the teaching-learning process and gradually implements Outcome-Based Education (OBE) in all college programs. The program outcomes are developed in collaboration with faculty, industry experts, and other stakeholders, and are derived from NBA, program-specific outcomes, and course outcomes that consider Bloom's taxonomy.

2. Use of ICT Tools:

The use of ICT tools has allowed for self-paced learning through various means, including assignments and computers. This has resulted in a more productive and meaningful teaching-learning experience. By keeping students updated and enhancing teachers' capacity, ICT facilitates communication between teachers and students through e-mail, chalk sessions, e-learning, web-based learning (including the internet, intranet, and extranet), CD-ROM, and 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	Nil
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. In the institute girl students are equally participating in the various cultural, sports, social activities. The guest lecture on "Dynamics of Gender Justice- Issues and Challenges in Present Era" is organised by the Civil Engineering Department. The institute follows gender wise liberal policy for staff recruitment. Institute is having equal contribution in the administrative and teaching work by the ladies faculties. Rangoli competition is organised by student association. The institute has a well established "Women Empowerment Cell". International Women's day is celebrated for all the teaching and nonteaching faculties of the Institute. All the departmental coordinators of the WEC have organized discussion sessions with all girls students of the department on the topics Girl's Hygiene and Effect of Covid on Psychology.

File Description	Documents
Annual gender sensitization action plan	http://cms.sinhgad.edu/media/523521/7.1.1%20annual%20gender%20sensitization%20action%20plan.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 : 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 Shivrajyadin in the Institute. 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. National Student Scheme has taken the initiative to conduct various programs such as NSS Wari, Mazi Vasundhara Plede and International Yoga Day etc. 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. Various Departments have celebrated Teachers day programs to honor teachers for their accomplishments, efforts, and contribution to society as well as to the lives of their students. Library Department has organised Marathi Bhasha Gourav Din program along with the competition for the faculties on the Marathi Books and their writers. Poetry and shayari competition is organized for the students and faculties by departmental association.

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

Every year Institute celebrates Republic Day, Maharashtra Day and Independence Day. The guest Hon. Governor of Kerala Mr. Arif Mohammed Khan has conducted the lecture organised by NSS on the occasion of Independence day under the title "Azadi ka Amrit Mahotsav". On 26th January, the event of Gram Survey is conducted at Dive village, District Pune regarding the cleanliness, medical system, literacy rate and water resources of the village. Universal Human Values are imbibed in students and faculties by conducting seminar in FE induction program. Cleanliness Drive at Sangmeshwar Mahadev Temple, Saswad and "E-Waste Opportunities and Challenges" under the mission of "Swasth Bharat" program are conducted to spread awareness among the students about the significance of cleanliness and its benefits. In the view of Covid-19 pandemic, the NSS have organized a Vaccination Drive in the institute. For awareness regarding duties and responsibilities of citizens of India, NSS has organised blood donation drive, which is successfully conducted by collection of 200 blood bags. To inculcate responsibilities, "Road safety" webinar is conducted for sensitising the students regarding traffic safety measures.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://cms.sinhgad.edu/media/532647/activities%20under%20socioeconomic%20diversities%20and%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

Independence day: The Institute celebrates Independence Day every year, wherein Campus Director, Principal, staff, NSS volunteers and students participate in flag hosting and they deliver speeches and thoughts about the patriotic sacrifices made by our freedom fighters.

Republic day: Institute celebrates Republic Day every year and we

owe with honor to the contribution of Bhartratin Dr. B. R. Ambedkar's work of drafting the Constitution of India.

Yoga Day: The 'Yoga Day' is celebrated in the campus by students and staff on 21st June of every year.

Teacher's Day: This day is celebrated on occasion of birth anniversary of Dr. Sarvpalli Radhakrishnan, which is celebrated centrally as well as at departmental level.

The Engineers Day: This day is celebrated on the occasion of birth anniversary of Late Shri. Mokshagundam Vishveshwarayya to express gratitude towards the great engineer.

Festivals: The Institute celebrates various festivals of Makarsankranti. The festival of Shiv Jayanti is celebrated every year on 19th February. The festival of Navratri is celebrated for nine days starting from Ashwin Shuddha Pratipada till Ashwin Shuddha Navmi. Khandenavami is celebrated to express religious gratitude to goddess Bhavani Mata.

Many other events were conducted under NSS like Street Plays focusing on Social Causes, blood donation etc.

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 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

Effective curriculum delivery is ensured by the Institute by standard operating process. It consists of three phases namely: planning, monitoring & corrective action during delivery & improvement in the subsequent year based on the outcomes after the delivery .

The planning stage begins with an academic calendar provided by the University at the start of every academic year. Institute prepares its academic calendar by adding schedule for various internal examinations. All departments prepare their department calendar by adding the planned events in the Institute calendar. The Faculties prepare course files. Faculties attend Faculty development programs for new subjects. The delivery phase . The HOD monitors delivery by teachers using teaching plan records, minutes of Teacher guardian (TG) meetings & students' feedback report. Faculty whose feedback is less in some parameters is counseled by HOD. TG meetings can get informal feedback about individual student issues & collective concerns. After the delivery throughout a semester, a cognizance is taken to improve delivery in subsequent years.

Feedback about curriculum is taken from stakeholder's viz. students, faculties, alumni & employers.

Result analysis and CO attainments are analyzed and corrective measures in curriculum planning & delivery are suggested and implemented in subsequent academic years.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://cms.sinhgad.edu/media/531786/1.1.1%20effective%20curriculum%20delivery.pdf

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

The academic calendar is circulated to all faculty & students. The departmental academic calendar is used by faculty to prepare Teaching plan, which helps the faculty to complete the requisite syllabus before the internal tests & final exams.

The HOD regularly monitors the execution of curriculum delivery through the records of teaching plans. If there is any deviation in curriculum delivery as per calendar due to some unforeseen reasons, the concern faculty rectifies the deviation by conducting extra sessions. The continuous assessment of Practical Term work is done by the faculty on regular basis. These practices oblige students to complete the term work as per the calendar .Attendance of students is observed on daily basis. Those students who are having attendance less than 75% in a month, such students are counseled & parents are informed through the system of teacher guardian. As per the academic calendar, unit tests & prelim exams are conducted . The remedial classes for slow learners for which a separate calendar is prepared by concerned faculty. All students are informed & guided about various online courses such as IIT spoken tutorial , Infosys springboard etc. which they can attend after academic contact hours.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://cms.sinhgad.edu/media/531783/1.1.2%20adheres%20to%20the%20academic%20calendar.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 UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

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

6

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

1834

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

The vision statement of the Sinhgad Institutes is : "We are committed to produce not only good engineers but good human beings, also".

The affiliating University has already blended cross cutting issues into the curriculum for the holistic development of the students , both in credit courses & in audit courses. Some of the credit courses are: Humanities & social sciences, environmental engineering, Code of Conduct, Soft Skills etc. Some of the audit courses are: environmental studies I & II , green construction & design ,social awareness & governance , professional ethics & etiquettes, e-waste management & pollution control, road safety, the science of happiness, stress relief: Yoga & meditation, value education , environmental studies , water management , sustainable energy system etc. In total , there are eight Professional ethics courses, one Gender equality course, five Human Values courses, seven Environment and Sustainability courses in the curriculum prescribed by the University.

In addition to this , the Institute arranges field visits ,seminars to give additional inputs to the students about cross cutting issues. Our Institute NSS team conducted various activities such as Yoga Day, Independence Day, Vaccination etc.

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**18**

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	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships**1395**

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/531806/1.4.1%20stackholder%20feedback,%20analysis%20and%20action.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/531806/1.4.1%20stackholder%20feedback,%20analysis%20and%20action.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

375

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

156

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

Institute starves for holistic development of the students. Institute identifies the slow and advanced learners depending on their academic journey. Students with good academic background and skills are guided to higher levels of achievement and encouraged towards challenging goals. Students with weaker academic record are guided to enhance their record.

Identification of Advanced Learners:

Advanced learners have been identified based on their Academic records, consistency and versatile performance in other co-curricular activities.

Strategies

- Students are encouraged to get university ranks .
- They are encouraged to complete NPTEL courses.
- Encouraged to do projects under the clubs like Robotics, Baja, Supra etc.
- Motivation and guidance provided for higher studies.
- Students are enthused to get industry sponsored/research projects.
- The students take active part in organising various extra and co-curricular, inter/intra departmental, inter/intra college events.
- Faculty members enlist students to work on research projects.

Identification of Slow Learners:

Slow learners have been identified based on their poor academic records, lack of consistency and lack of cognizance.

Strategies

- Special and remedial classes are organized to improve the performances, to clarify the doubts and to the re-explanation on the topic.
- Personal Attention is given.
- Re-test is taken for improvement.
- During counseling, special hints and study techniques are discussed.
- Assignments and solving university question papers.

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
2289	112

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

The Institute practices a teaching methodology which focuses on imparting education through a student centric approach. This methodology helps to transform students from being relegated to the role of passive recipients to active and involved stake holders, apart from boosting their confidence and encouraging independence.

1) Active learning:

By involving students in the learning process

- Brain storming, quizzes, debates, group discussions, role

play, games, model making, mini projects, presentations, casestudies, and simulations on technical content.

- Animated PPTs for some topics.
- Brief demonstrations.

2) Collaborative Learning:

Students are encouraged to team up with the students to execute different tasks like celebration of Teachers day, Engineers day, Environmental day and other cultural and sports activities by organizing various events through different clubs.

3) 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

4) Experiential learning:

There is an emphasis on field-based experiential learning like internships, Industrial visits and service learning, as well as classroom-based experiential learning like role plays, games and case studies. Students are encouraged to participate for conferences in and outside college in order to get exposed with realistic and industry challenges

5) Project-based learning:

Students work on application of theory learned through projects/model building/simulation in the form of design and fabrication of some systems.

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

Teachers are realizing the changes in the cognition process of students and are using 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.

Teachers 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 through Google classroom, MS Teams, Moodle, etc.
2. Virtual labs and search engines like Google Search, Google Scholar are used to encourage collaborative learning.
3. Some faculty members have created online digital repositories for lectures on the platforms like YouTube.
4. Digital social learning platforms (WhatsApp, Telegram, Linkdin etc)
5. Exposure to industry: Interaction of faculty with industry during the internship and Sponsored projects of students
6. Proactive teaching methods (group discussions, role play, games in class like mime, treasure hunting, mimicry, etc.)
7. Project-based teaching-learning

The teaching-learning process is made more novel/attractive to students as 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**

111

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**

112

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**

24

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

1041

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 follows SPPU's guidelines for the internal assessment of the theory and laboratory. In addition to that, the Institute has cautiously designed and implemented a parallel mechanism to ensure the preparedness of the students. Complete transparency is maintained in different forms of internal evaluations. Internal examinations, namely Unit Test and Prelim in every semester, are planned in the academic calendar and executed as per the schedule. After assessment, answer sheets are distributed and discussed with students for their benefit and to maintain transparency in the evaluation. A retest is conducted for students having unsatisfactory performance by giving them sufficient time for preparation. Examination results are displayed on notice boards and conveyed to the parents by TG.

Term work assessment

The performance of each student is recorded in a continuous

assessment sheet (CAS). The results of the evaluation are used to determine the student's final TW. Aside from the class tests, the Institute also provides various evaluation tools that are designed to help students improve their performance. These include assignments, internal oral/ practical examination, online tests, case studies, and open book tests.

Project Work Assessment

During the semester, students are given the opportunity to review the progress of their project work and keep track of their evaluation sheets. These reviews allow them to remain focused and confident as they work on their projects.

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

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

The Institute has adopted a fair and transparent process for the evaluation of students prescribed by the affiliating university. The evaluation process comprises mainly two components: formative assessment and summative assessment. There is a well-defined mechanism for grievance redressal related to the formative assessment by the Institute and for grievances relating to the summative assessment by SPPU.

To address all examination and evaluation related problems, the Institute has appointed a college examination officer (CEO) as per the directives of SPPU. An aggrieved student makes an application to the CEO and he addresses it as per the stipulated norms of SPPU. The CEO categorizes it either as a grievance related to formative or summative/external assessment.

In the case of formative assessment related grievances, the college examination officer forwards them to the respective department. Whenever a grievance is reported regarding the internal evaluation, the concerned HoD, along with the concerned subject teacher, shows the carefully maintained CAS record to the aggrieved student and tries to resolve the grievance. The enquiries regarding the internal unit tests/mock

practical examination or project progress evaluation are addressed by the individual subject teachers.

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.

Program outcomes (PO), program specific outcomes (PSO) and course outcomes (CO) of the all the programs and courses are stated and communicated to the students through Institute website and displayed at prominent notice board of the Institute. The process of CO framing for all courses in all programs is discussed below:

For every course three to six intended learning outcomes are stated as COs. Unit wise course contents from the syllabus forms the basis for framing CO statements. CO statements address appropriate Blooms Taxonomy levels by considering proper abilities and skills to be acquired by the students. 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 COs with POs and PSOs give CO-PO and CO-PSO matrices respectively.

Mechanism of Communication of POs and COs:

1. Displayed on the notice board of the departments.
2. Published through Institute website:
<http://saoe.sinhgad.edu/>
3. Published regularly in Institute brochure, departmental newsletter and collage magazine.
4. Printed on laboratory manuals, project log book, Attendance sheet.
5. Presented during various value added courses, workshops,

seminars, induction programs.

6. Conveyed during teaching learning process, TG meetings.

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.

CO attainment is a combined result of direct and indirect assessment. This in turn helps in PO assessment as each CO is mapped with certain POs and PSOs. Besides this, the exit survey is taken from students for indirect assessment of the PO's. The alumni and employer surveys are taken for indirect assessment of the PSOs.

CO attainment:

Direct Attainment of CO = 80% of CO attainment in the internal assessment + 20 % of CO attainment in the external examination.

COs are mapped with PO and PSO

Each Subject teacher prepares CO-PO and CO-PSO matrix

PO and PSO attainment:

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

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

Overall attainment of PO = 70% attainment through the direct method + 30% of PO attainment through an indirect method.

Overall attainment of PO = 70% POdir + 30% POindir

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

670

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	Nil

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/531568/ss_s_analysis_final.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)

0

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
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

3

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

0

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	No File Uploaded
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 participation in clubs such as SAOE motor club(Estb-2007),Team Astros (Est-2007) and Cypher Cell (Est-2018).The students through the above clubs actively participate in state and national level events.

On 15th & 16th July 2022, Robotics Workshop was organized in our college campus This event was organized by Team Astros, Robotics Team and total of 58 students from different branches have participated in the workshop.

The topics covered in workshop focused mainly on the Arduino Microcontroller and its interfacing with various sensors like infrared, ultrasonic and hall sensor. The workshop aimed at introducing the students to the branch of Robotics and developing their logic to solve various day to day problems using what they were taught. The workshop included a wide range of topics like Circuit Designing and Printing, Solidworks and Pneumatics. The students were given time to build an innovative robot based on the topics covered in the workshop.

The selection of new team members was done by SAOE motor club team members . The selected students were given training .These sessions helped to identify the skills and talent of the new members.

File Description	Documents
Upload any additional information	No File Uploaded
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

2

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

9

File Description	Documents
URL to the research page on HEI website	http://cms.sinhgad.edu/sinhgad_engineering_institutes/saoe/naac/criteria-21-22-(2).aspx
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	No File Uploaded

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

103

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

11

File Description	Documents
Any additional information	No File Uploaded
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

The college organizes and promotes various activities under the NSS around the year for the holistic and sustained development of neighborhood community. On Yoga Day, webinar on Yoga and meditation was conducted to create awareness about our ancient practice and also health consciousness in the society. For the sustainable development goal webinar on the topic "Decade on eco-system restoration" was conducted. On the occasion of 75th Independence Day we shed light on importance Of Patriotism and Sacrifice Our Soldiers Have Made. An Inaugural lecture on Azadi ka Amrit Mahotsav was conducted on the topic "An enthusiastic approach for Fundamental unity of India. We had organized a Games Fest on the occasion of NSS Day. In the view of Covid-19 pandemic the NSS have organized a Vaccination Drive for college students and staff. On 30th December 2021, Volunteers of NSS SAOE conducted blood donation drive. On the evening of 26th January, gram survey was conducted at the Dive village Taluka- Purandar District- Pune. We conducted seminar on Indian Constitution on the occasion of Ambedkar Jayanti, for educating youth about our Indian Constitution. All these activity develops social skills, communication skills, management skills, leadership skills, and aptitude for problem solving amongst the student.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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**

0

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	No File Uploaded

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**

1355

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

164

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

25

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.

According to the standards established by the AICTE, DTE, and SPPU, the institute has the essential infrastructure for the teaching and learning process, co-curricular activities, and extracurricular activities. Classrooms, tutorial rooms, labs, seminar halls, a central computing laboratory, and a library make up the building's physical infrastructure. Each department has modern, well-equipped laboratories that receive regular upkeep. The furniture, lighting, ventilation, and internet connectivity in the classrooms are all excellent. For a better understanding of theory and practical principles, charts and models are exhibited in the labs. Each department has a separate cabin for the teaching members that is comfortably equipped and has a setting that encourages regular engagement with the students who visit for guidance and discussions. A variety of facilities for mechanically based practicals, including machine, fitting, carpentry, welding, blacksmithy, and tin smithy shops, are available in the central workshop. To facilitate successful teaching and learning, the institute features 35 classrooms that are well-ventilated and ICT-equipped with a blackboard, computer, LCD projector, internet, and LAN capabilities. The institute also offers a meeting room and a seminar hall. The institute comprises 47 undergraduate, graduate, and research laboratories. The institution has 571 computers 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%20labs.pdf

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

The college has hired a physical director who attends to the various sports and athletic needs of students. The institute encourages students to take part in a variety of sports and

competitions at the collegiate and state levels, as well as in cultural events and NSS programs, in order to promote the students' overall development.

Sports: A variety of sports events are held to enhance students' talents in various fields and to assist in their overall development. Outdoor sports like cricket, football, volleyball, basketball, badminton, lawn tennis, etc. can be played on a spacious playground. The institute also provides a room where people can play carrom, table tennis, and chess indoors.

Cultural activities: Students are encouraged to take part in and organize a variety of cultural activities in order to reveal their hidden abilities and gain enough exposure to interpersonal skills, teamwork, time management, and delegation. The students take part actively and enthusiastically in a variety of activities, including singing, dancing, fashion shows, etc., as part of the yearly event Sinhgad Karandak. In addition to these, the students are inspired to take part in state-level cultural competitions like Purshottam Karandak and Firodiya Karandak, where they have won numerous awards. In addition to these occasions, students also celebrate Navratri, Teachers Day, and other holidays.

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 fully 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 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 can be carried out through this software. Library web OPAC is provided to students and faculty for renewal of books and searching library materials. Digital library collection rare books, open source books, college news are made available for students through open source software caliber. This link is available through LAN

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)

0.397

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

9.80

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

The institution has a sufficient IT infrastructure that is regularly updated and modified in accordance with the demands of the curriculum and evolving technology. There are Wi-Fi zones available in a number of places, including reading rooms, hostels, and departmental lobbies. Through LAN, internet connectivity is available in the computer laboratories. All departments have access to ICT resources. All relevant laboratories have the required systems and application software. 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: We encourage open-source software, tools, and applications for enabling computer-assisted learning, teaching, and design in order to reduce the dependency on proprietary software and tools. Currently, the institute uses different Linux operating system versions.

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)

46.645

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 hired a team of personnel of various types of maintenance staff, who are duly under the administrative office's supervision. The institute's building, laboratories, classrooms, and other facilities are all maintained by the central "Civil, Electrical Repair and Maintenance" committee. 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: The appropriate laboratory In-charge and Technical Assistant (TA) will take the necessary steps to repair and maintain the lab apparatus as needed. TA performs the routine maintenance, and records of that maintenance are kept. Major repairs are handled by the HOD and Laboratory In-charge, and the maintenance is carried out by the relevant external equipment experts.

Computer and peripherals: The technical assistants handle the routine maintenance, repair, and upgrading of computers and peripherals. The system administrator supervises and maintains the LAN. The system and application software are periodically updated. 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: Assistants in the library maintain the books and periodicals. The binding of books and other associated tasks are 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

1907

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

10

File Description	Documents
Upload any additional information	View File
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/532563/5.1.3%20capacity%20building%20and%20skills%20enhancement%20initiatives%20(1).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	
579	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
579	
File Description	Documents
Any additional information	View File
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

193

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
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

6

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.

5

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 established a 'Student Council' in accordance with the guidelines established by the Savitribai Phule Pune

University. The Student Council is proposed to include the President and Vice president of each Departmental Students' Association. It plans a range of co-curricular and extracurricular activities with a focus on the entire development of students.

Each department at the college has its own student association. The student associations coordinate with the students and assist the department in promoting co-curricular and extracurricular activities. Students Members of the student association actively participate in a variety of departmental and college-wide events, such as technical competitions, Teacher's Day, Engineer's Day, Project Competitions, FE induction, and farewell to final-year students etc. Department of Information Technology and Civil Engineering organized intra-campus cricket tournament also.

Also, student representatives serve on a number of committees, including the IQAC, the Anti-Ragging Committee, and the Students' and Internal Complaints Committee against Sexual Harassment, which all help in carrying out administrative duties. Students actively participate in a variety of campus activities and inter-college / university competitions.

Additionally, students are given the duty of training and placement (T&P) coordination, in which they serve as a liaison between the student body and the T&P cell. Each class has a Boy and a Girl Class Representative that relays messages and monitors class activities. Also, students organize several initiatives of National Service Scheme (NSS), Social Media Cell, Alumni Cell, Cypher Cell, Robotics Cell and Industry Institute Interaction Cell

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

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

16

File Description	Documents
Report of the event	View File
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 2010 with Registration No. MH/1551/2010/ Pune dated 29/07/2010, is in charge of alumni relations with the Institute. The alumni committee is made up of the Principal, Vice Principal, Institute level staff coordinator, and coordinators from each department. This association operates under a well-defined 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, robotics club, Cypher cell, 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. The most recent alumni gathering was held online on 12/2/22 via the MS Teams platform. 311 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 their organisation in which they are working to the current students. Some of the Alumni's who are entrepreneurs have signed MOU with the Institute. Alumni's help current students in getting internship, project sponsorship and job placement.

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 institute's unique characteristics in meeting the needs of its stakeholders are defined in its vision and mission statement. To comply with AICTE and UGC norms and in accordance with the above vision and mission, the college management established a Governing Body. The Governing Body's members are actively involved and use their extensive experience and leadership skills to promote the growth and development of the institution. In addition to learning academic knowledge and skills, including problem-solving and analysis, holistic student development includes all aspects of students' personal growth and moral development. This includes their emotional and

moral maturation as individuals.

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

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

The Institute promotes governance through participatory management of authorities across various levels, with clearly defined duties, responsibilities, and authorities for all employees.

At the institutional level, the Principal acts as the educational controller and oversees the monitoring of all departments through their respective HODs. Regular meetings are held, starting from the planning of the upcoming semester, to discuss academic events and activities such as Techtonic and Sinhgad Karandak. The HODs are encouraged to express their opinions and innovative concepts during these meetings, and decisions are made through participatory discussions. Each HOD conducts meetings with their teaching staff to determine the distribution of subjects for the upcoming semester. Similarly, portfolios of academic works are decentralized, and the HOD interacts with non-teaching staff to assign laboratory duties. The lab-in-charge conducts meetings with subject teachers and technical lab assistants to plan and coordinate the teaching-learning process within the labs and classrooms. This includes visits, lectures, seminars, and workshops related to their respective subjects. The lab-in-charge delegates their responsibilities as needed, ensuring that all levels of the institution operate in a cohesive and effective manner.

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 is essential to guide an institution's digital transformation and ensure that new technology projects align with the institution's objectives. This plan serves as a roadmap for the institution's future vision, outlining the necessary changes and project implementations.

The institute's Strategic Development Plan (SDP) provides a framework for the organization's operations and goals, ensuring that development is systematic, well-thought-out, and phased. The management and human resources of the institution play a significant role in successfully implementing the SDP. The institution has established an Internship Cell to provide students with maximum opportunities for internships in various industries. The cell works in coordination with the Training & Placement Cell and is managed by the S.T.E.S. central committee.

The head of this committee oversees all activities related to the Internship Cell. Additionally, the institution has a TG scheme that collects direct feedback from students about academic and non-academic activities. To ensure effective implementation of policies and monitor their success, various committees have been formulated, and HOD meetings are held to discuss these policies.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://cms.sinhgad.edu/sinhgad_engineering_institutes/saoe/criteria/criteria-6/621-the-institutional-strategic-or-perspective-plan-is-effectively-deployed.aspx
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 highest administrative authority, dedicated to converting ambitious aspirations into outcomes through a rigorous framework of governance. The Body approves the strategic Vision and Mission of the Institution, long-term business plans, and annual budgets to meet the

interests of the stakeholders. The Body establishes and monitors systems of control and accountability, including financial and operational controls, risk assessment, and procedures for handling internal grievances.

The Governing Body also monitors the institution's performance against approved plans and benchmarks it against other institutions. The Chairperson supports the head of the institution in executing the programs. Decentralization and delegation of powers ensure that everyone at all levels is involved in the decision-making process, facilitated through various institutional committees consisting of faculty and staff members. The work culture is transparent, with the institutional rule book and code of conduct document easily accessible to everyone, available in the Library, with the HODs, and the Principal.

File Description	Documents
Paste link for additional information	Nil
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 interfaces	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 places a strong emphasis on the well-being and development of its faculty and staff. The institute recognizes that the faculty and staff are vital to the success of the institution and places importance on keeping them up-to-date with the latest technological knowledge and skill sets through the industry-institute interaction cell. To facilitate this, the institute organizes industrial training programs, short-term programs, long-term programs, refresher courses, seminars, workshops, and other similar events. Additionally, the institute has various welfare schemes in place to benefit its employees, including reimbursement of sponsorship fees for various training programs, policies for higher studies, leaves, EPF, EMBF, staff quarter facility, gratuity, and health awareness programs. The Institute also encourages its employees to become members of state, national, and international professional bodies and provides opportunities to attend webinars to stay informed about recent changes and developments in various sectors. Overall, the Institute prioritizes the welfare and growth of its faculty and staff.

File Description	Documents
Paste link for additional information	Nil
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

0

File Description	Documents
Upload any additional information	No File Uploaded
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**

0

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**

44

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

The Performance Appraisal System for faculty members has several parameters that are evaluated by different stakeholders.

Part A is filled by the individual faculty member and includes self-evaluation on parameters such as qualifications, attendance in professional development programs, publications, memberships, consultancy work, and patents obtained.

Part B is filled by the Head of the Department and includes an evaluation of the faculty member's performance in teaching, research, and community service. The HOD also evaluates the faculty member's involvement in departmental, institutional, and co-curricular activities, along with their relationship with colleagues and students.

Part C is filled by the Principal and includes a review of the overall performance of the faculty member.

Part D includes remarks by the Accepting Authority on the final review.

The Performance Appraisal System covers a range of aspects related to the faculty member's job and their contribution to the institution. The evaluation helps identify areas of strength and weakness and provides recommendations for improvement. It also ensures transparency and accountability in the appraisal process.

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

It's good to hear that the institute has a system of regular internal audits twice a year to ensure that all records and documents related to the account section are being maintained accurately. It's also great that the institute has deputed expert auditors to carry out the audits, which ensures a thorough review. The auditors are checking various heads like the total number of students, total fees receivable, total fees received, fee dues receivable, scholarships receivable, and staff roll details, among other things. It's good to know that the auditors rectify any errors or doubts in the documents immediately.

After the completion of the internal audit, a compliance report is prepared and submitted to the Hon'ble Founder President of STES, who signs the report. The report is then sent to the concerned head of the institute or the Principal to resolve any errors or make corrections. It's great to see such a transparent and accountable approach to the audit process.

In addition to the internal audit, the institute also conducts a final statutory audit by authorized Chartered Accountants. It's reassuring to know that the institute follows all government norms during the statutory audit. Overall, this comprehensive audit system ensures that the institute's financial records are accurate and up-to-date, and helps to build trust and confidence among stakeholders.

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 monitoring of financial resources in the institute is carried out through a structured process that involves various stakeholders. The process starts with the preparation of annual requirements by the HODs in consultation with senior faculty and laboratory in-charges. The details are then 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. Once the budget is approved, the 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 purchases within the approved budget. The regular procedure of quotations, comparative analysis, delivery, and payment after commissioning is carried out for effective and efficient use of the available budget. If there is any additional requirement for emergency expenditure, HODs can discuss it with the Principal and request approval from the President/Vice-President.

The Principal and HODs conduct periodic reviews with the

account section of the institute to make sure that the funds are utilized effectively. Review by CDC and GB is carried out half-yearly, which ensures effective monitoring of financial resources.

Overall, the mechanized system of monitoring financial resources in the institute ensures transparency, accountability, and optimal use of available resources.

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

The IQAC committee at Sinhgad Academy of Engineering plays a key role in overseeing various activities related to the college's infrastructure development, academic improvement, SPPU examination results, and campus placement. The committee's aim is to ensure that the institute is meeting its objectives in a structured and efficient manner.

In addition, the institute provides its students and faculty with licensed copies of Microsoft Teams: Office 365 A1 at no cost, which enables them to collaborate and stay connected online from any location. This platform is built for hybrid work and allows teams to stay informed and organized all in one place.

Sinhgad Academy of Engineering also provides access to Spoken Tutorial, a multi-award-winning educational content portal that offers self-paced, multi-lingual courses on various Free and Open-Source Software (FOSS). The portal is 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. This initiative aims to provide anyone with a computer and a desire to learn with an opportunity to learn in a language of their choice and at any time and place.

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 institute has established a functional Internal Quality Assurance Cell (IQAC) as per the prescribed guidelines, consisting of representatives from various groups including teachers, management, administrative staff, local society, students, alumni, employers, industry, and parents. IQAC has developed a regular feedback system that solicits feedback from all stakeholders to ensure continuous quality improvement.

1. Teaching Learning Environment:

The IQAC strives to enhance the teaching-learning process and gradually implements Outcome-Based Education (OBE) in all college programs. The program outcomes are developed in collaboration with faculty, industry experts, and other stakeholders, and are derived from NBA, program-specific outcomes, and course outcomes that consider Bloom's taxonomy.

2. Use of ICT Tools:

The use of ICT tools has allowed for self-paced learning through various means, including assignments and computers. This has resulted in a more productive and meaningful teaching-learning experience. By keeping students updated and enhancing teachers' capacity, ICT facilitates communication between teachers and students through e-mail, chalk sessions, e-learning, web-based learning (including the internet, intranet, and extranet), CD-ROM, and TV audio-video tape.

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

<p>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)</p>	<p>C. Any 2 of the above</p>
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File Description	Documents
Paste web link of Annual reports of Institution	Nil
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, mainstreaming 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. In the institute girl students are equally participating in the various cultural, sports, social activities. The guest lecture on "Dynamics of Gender Justice- Issues and Challenges in Present Era" is organised by the Civil Engineering Department. The institute follows gender wise liberal policy for staff recruitment. Institute is having equal contribution in the administrative and teaching work by the ladies faculties.

Rangoli competition is organised by student association. The institute has a well established "Women Empowerment Cell". International Women's day is celebrated for all the teaching and nonteaching faculties of the Institute. All the departmental coordinators of the WEC have organized discussion sessions with all girls students of the department on the topics Girl's Hygiene and Effect of Covid on Psychology.

File Description	Documents
Annual gender sensitization action plan	http://cms.sinhgad.edu/media/523521/7.1.1%20annual%20gender%20sensitization%20action%20plan.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

A. Any 4 or All of the above

greening the campus are as follows:

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,

B. Any 3 of the above

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

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 Shivrajyadin in the Institute. 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. National Student Scheme has taken the initiative to conduct various programs such as NSS Wari, Mazi Vasundhara Plede and International Yoga Day etc. 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. Various Departments have celebrated Teachers day programs to honor teachers for their accomplishments, efforts, and contribution to society as well as to the lives of their students. Library Department has organised Marathi Bhasha Gourav Din program along with the competition for the faculties on the Marathi Books and their writers. Poetry and shayari competition is organized for the students and faculties by departmental association.

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

Every year Institute celebrates Republic Day, Maharashtra Day and Independence Day. The guest Hon. Governor of Kerala Mr. Arif Mohammed Khan has conducted the lecture organised by NSS on the occasion of Independence day under the title "Azadi ka Amrit Mahotsav". On 26th January, the event of Gram Survey is conducted at Dive village, District Pune regarding the cleanliness, medical system, literacy rate and water resources of the village. Universal Human Values are imbibed in students and faculties by conducting seminar in FE induction program. Cleanliness Drive at Sangmeshwar Mahadev Temple, Saswad and "E-Waste Opportunities and Challenges" under the mission of "Swasth Bharat" program are conducted to spread awareness among the students about the significance of cleanliness and its benefits. In the view of Covid-19 pandemic, the NSS have organized a Vaccination Drive in the institute. For awareness regarding duties and responsibilities of citizens of India, NSS has organised blood donation drive, which is successfully conducted by collection of 200 blood bags. To inculcate responsibilities, "Road safety" webinar is conducted for sensitising the students regarding traffic safety measures.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	http://cms.sinhgad.edu/media/532647/activities%20under%20socioeconomic%20diversities%20and%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

C. Any 2 of the above

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

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

Independence day: The Institute celebrates Independence Day every year, wherein Campus Director, Principal, staff, NSS volunteers and students participate in flag hosting and they deliver speeches and thoughts about the patriotic sacrifices made by our freedom fighters.

Republic day: Institute celebrates Republic Day every year and we owe with honor to the contribution of Bhartrathn Dr. B. R. Ambedkar's work of drafting the Constitution of India.

Yoga Day: The 'Yoga Day' is celebrated in the campus by students and staff on 21st June of every year.

Teacher's Day: This day is celebrated on occasion of birth anniversary of Dr. Sarvpalli Radhakrishnan, which is celebrated centrally as well as at departmental level.

The Engineers Day: This day is celebrated on the occasion of birth anniversary of Late Shri. Mokshagundam Vishveshwarayya to express gratitude towards the great engineer.

Festivals: The Institute celebrates various festivals of Makarsankranti. The festival of Shiv Jayanti is celebrated every year on 19th February. The festival of Navratri is celebrated for nine days starting from Ashwin Shuddha Pratipada till Ashwin Shuddha Navmi. Khandenavami is celebrated to express religious gratitude to goddess Bhavani Mata.

Many other events were conducted under NSS like Street Plays focusing on Social Causes, blood donation etc.

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/inter_nship.pdf
Any other relevant information	http://cms.sinhgad.edu/sinhgad_engineering_institutes/saoe/nss.aspx 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

In order to ensure and enhance quality in the various areas of academics, co-curricular and extracurricular activities, and faculty development, the institute has been initiating and putting into action a number of different programs. Also, the institute has planned to restore academic activities to offline mode and focus on developing the innovation environment and research culture.

In view of the vision, mission and core values, institute has planned for following initiatives.

1. To get Accreditation for the second cycle from NAAC.
2. Organise more number of Seminars with the involvement of experts from various fields and of national and international repute.
3. An effort to collaborate initiatives of Industry-Academia and Alumni for development of students.
4. Organize various student and faculty development programme.
5. To Start guidance for Competitive Examinations and placements.
6. Organize of various activities related to IPR, innovation and entrepreneurship.
7. To Organise project exhibitions at department and institute level to promote quality of research in the institute.
8. To start value added and professional courses for students to improve their employability.