



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution

Sinhgad Academy of Engineering

- Name of the Head of the institution

Dr.Kishor P.Patil

- Designation

Principal

- Does the institution function from its own campus?

Yes

- Phone no./Alternate phone no.

02067571115

- Mobile no

9545754563

- Registered e-mail

saeprincipal@sinhgad.edu

- Alternate e-mail

iqac.sae@sinhgad.edu

- Address

Sr.No.40/4A, Near PMC Octroi,
Post, Kondhwa-Saswad Bypass Road,
Kondhwa (Bk), 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 **Dr.R.B.Kakkeri**
- Phone No. **02067571116**
- Alternate phone No.
- Mobile **9960265377**
- IQAC e-mail address **iqac.sae@sinhgad.edu**
- Alternate Email address **rbkakkeri.sae@sinhgad.edu**

3.Website address (Web link of the AQAR (Previous Academic Year)

https://assessmentonline.naac.gov.in/public/index.php/hei/generate_Aqar_PDF/MzAwMzA=

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/554042/academic%20calender%202023-24.pdf>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
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
NIL	Nil	Nil	Nil	Nil

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

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **No**

- If No, please upload the minutes of the meeting(s) and Action Taken Report [View File](#)

10.Whether IQAC received funding from any of the funding agency to support its activities during the year? No

- If yes, mention the amount

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

1.IEEE student branch is inaugurated along with smart city lab in the Institute. 2.Best department awards are initiated for the quality assurance and sustenance in the Institute. 3.V-LAB connectivity provided remote-access to simulation-based Labs in various disciplines of engineering which benefited the student's community. 4.The Industry Institute Interaction Cell(IIICell), Entrepreneurship Development Cell (EDC),have conducted programs for the innovation and Industry-sponsored projects for the student. 5. 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. 6.In order to bridge the gap between the industrial perspective and the university curriculum,value-added programmes (VAPs), such as Internet of Things (IoT), Machine Learning, Data Science Using Python, Python Programming,Geometric Design and Tolerance, etc., were offered to final-year students in all streams. 7.IQAC collects feedback from students,faculty members and Alumni to ensure their satisfaction with the quality of education and the overall academic environment 8.Institute is conducting various programs for students and staff through more than 25 students clubs of Sinhgad Academy of Engineering.

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
Encourage faculty for research activities.	Student and faculty Research activity count is increased in the form of Paper presentation ,copyright,patent filing and publication
R&D cell to arrange seminars on IPR,Research etc and to conduct project competitions	Appreciated the efforts taken by Cell for arranging Awishkar-23 project competition and other activities
Encourage students for the extension activities like social programmes by NSS	Students Have participated in many extension activities conducted by NSS
Student and faculty workshop conduction is promoted	Workshops for students and faculties have been arraigned and NPTEL registartion count is increased
Plan of action for the next academic year 24-25 to be prepared	Action plan for the academic year 2024-25 is prepared from all the departmets year wise plan

13. Whether the AQAR was placed before statutory body? Yes

- Name of the statutory body

Name	Date of meeting(s)
Internal Quality Assurance Cell (IQAC)	25/04/2024

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

1.Name of the Institution	Sinhgad Academy of Engineering
• Name of the Head of the institution	Dr.Kishor P.Patil
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02067571115
• Mobile no	9545754563
• Registered e-mail	saepincipal@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	Dr.R.B.Kakkeri

• Phone No.	02067571116				
• Alternate phone No.					
• Mobile	9960265377				
• IQAC e-mail address	iqac.sae@sinhgad.edu				
• Alternate Email address	rbkakeri.sae@sinhgad.edu				
3.Website address (Web link of the AQAR (Previous Academic Year))	https://assessmentonline.naac.gov.in/public/index.php/hei/generateAqar_PDF/MzAwMzA=				
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/554042/academic%20calender%202023-24.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
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	
NIL	Nil	Nil	Nil	Nil	
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		
• Were the minutes of IQAC meeting(s) and compliance to the decisions have			No		

been uploaded on the institutional website?	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	View File
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.IEEE student branch is inaugurated along with smart city lab in the Institute. 2.Best department awards are initiated for the quality assurance and sustenance in the Institute. 3.V-LAB connectivity provided remote-access to simulation-based Labs in various disciplines of engineering which benefited the student's community. 4.The Industry Institute Interaction Cell(IIICell), Entrepreneurship Development Cell (EDC),have conducted programs for the innovation and Industry-sponsored projects for the student. 5. 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. 6.In order to bridge the gap between the industrial perspective and the university curriculum,value-added programmes (VAPs), such as Internet of Things (IoT), Machine Learning, Data Science Using Python, Python Programming,Geometric Design and Tolerance, etc., were offered to final-year students in all streams. 7.IQAC collects feedback from students,faculty members and Alumni to ensure their satisfaction with the quality of education and the overall academic environment 8.Institute is conducting various programs for students and staff through more than 25 students clubs of Sinhgad Academy of Engineering.</p>	
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
Encourage faculty for research activities.	Student and faculty Research activity count is increased in the form of Paper presentation ,copyright,patent filing and publication
R&D cell to arrange seminars on IPR,Research etc and to conduct project competitions	Appreciated the efforts taken by Cell for arranging Awishkar-23 project competition and other activities
Encourage students for the extension activities like social programmes by NSS	Students Have participated in many extension activities conducted by NSS
Student and faculty workshop conduction is promoted	Workshops for students and faculties have been arraaged and NPTEL registartion count is increased
Plan of action for the next academic year 24-25 to be prepared	Action plan for the academic year 2024-25 is prepared from all the departmets year wise plan

13.Whether the AQAR was placed before statutory body?

Yes

- Name of the statutory body

Name	Date of meeting(s)
Internal Quality Assurance Cell (IQAC)	25/04/2024

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2024	14/01/2025

15.Multidisciplinary / interdisciplinary

In alignment with the National Education Policy (NEP) 2020, Sinhgad academy of engineering has implemented NEP initiatives

during the academic year 2023-24 to enhance multidisciplinary education, skill development, and holistic learning. The curriculum was carried out with parallel interdisciplinary electives, incorporating emerging areas such as Artificial Intelligence, Data Science, and Sustainable Engineering. Students with flexibility in selecting courses and earning credits through platforms like SWAYAM and NPTEL. The institution also introduced short-term skill-based courses in advanced fields such as IoT, Robotics, and Green Energy to align with industry requirements and boost employability.

16. Academic bank of credits (ABC):

Sinhgad Academy of Engineering adopted the Academic Bank of Credits (ABC) framework during the academic year 2023-24 to provide students with enhanced flexibility and mobility in their educational journey. The ABC system enables students to accumulate, store, and transfer credits earned from various recognized institutions and platforms, such as SWAYAM, NPTEL, and MOOCs, toward the fulfillment of their degree requirements. The institution integrated ABC into its academic processes by creating awareness among students and faculty through workshops and seminars, registering with the National Academic Depository, and aligning its Choice-Based Credit System (CBCS) with ABC guidelines. This initiative supports NEP's emphasis on multidisciplinary and lifelong learning, allowing students to explore diverse fields, re-enter academic programs after a gap, and customize their educational pathways. The adoption of ABC also facilitates seamless transitions for students opting for flexible exit and entry options, further empowering them to design their learning trajectories while ensuring quality and accountability in credit accumulation and transfer.

17. Skill development:

To bridge the gap between academic learning and industry requirements, the Institution introduced a range of skill-oriented courses focusing on emerging technologies such as Artificial Intelligence, Machine Learning, Internet of Things (IoT), Cybersecurity, and Data Analytics. Collaboration with industry partners enabled the design of hands-on training programs, workshops, and internships to equip students with practical knowledge and job-ready skills. Additionally, vocational training programs in areas like robotics, additive manufacturing, and renewable energy were organized to enhance technical expertise. Soft skills, including communication, teamwork, and leadership, were also integrated into the curriculum to promote holistic

development. Special attention was given to fostering innovation and entrepreneurial skills through startup incubation centers and hackathons. These initiatives reflect the institution's commitment to empowering students with industry-relevant skills and aligning with NEP's vision of enhancing employability and lifelong learning.

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

The NEP recommends that engineering institutions provide programs in regional languages to increase accessibility for learners with diverse linguistic backgrounds. Additionally, educators should incorporate Indian viewpoints and culture into their teaching. The university's cultural and sports committee, together with the NSS, have helped organise events to promote Indian culture. Their journals n college libraryinclude portions in Hindi, English, and Marathi to promote the growth of local languages.Collaboration between engineering universities and industry partners may offer students with advanced knowledge and skills.Sinhgad Academy of Engineering is not able to incorporate this into its curriculum due to its affiliation with SPPU.

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

In adherence to the principles of Outcome-Based Education (OBE), Sinhgad Academy of Engineering prioritized a student-centric approach to teaching, learning, and assessment during the academic year 2023-24. The curriculum was meticulously designed to align with clearly defined Program Outcomes (POs), Program Specific Outcomes (PSOs), and Course Outcomes (COs) that emphasize the attainment of knowledge, skills, and attitudes required for industry and societal needs by the University. The institution employed innovative teaching methods, such as project-based learning, problem-solving sessions, and case studies, to ensure that students actively applied theoretical knowledge to real-world challenges. A structured assessment framework was implemented to measure learning outcomes at various levels, including direct methods like assignments, quizzes, and exams, and indirect methods such as student surveys and feedback. Continuous monitoring and evaluation of student performance were carried out using rubrics and key performance indicators (KPIs) to track the achievement of outcomes. Faculty development programs (FDPs) were conducted to enhance the understanding and implementation of OBE among educators.

20.Distance education/online education:

The Institution adopted online platforms such as SWAYAM, NPTEL, Coursera, Vlab, IIT spoken tutorial and other online courses provide students with opportunities to learn advanced and interdisciplinary topics at their own pace. Virtual labs and simulation tools were introduced to provide practical exposure to students in an online setting, ensuring that experiential learning was not compromised. Faculty were trained in e-content development and the use of digital teaching tools, enabling them to deliver engaging and effective online education.

Extended Profile

1. Programme

1.1	318
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2. Student

2.1	1695
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	525
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic	
3.1 Number of full time teachers during the year	120
File Description	Documents
Data Template	View File
3.2 Number of sanctioned posts during the year	123
File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	35
4.2 Total expenditure excluding salary during the year (INR in lakhs)	315.67671
4.3 Total number of computers on campus for academic purposes	571

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

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

The Effective Curriculum Delivery is fulfilled by applying standard operating procedures, it implies that the institution takes intentional steps to plan, monitor, document its curriculum delivery to ensure that it meets the needs of students and achieves desired academic outcomes.

Planning Phase

The University publish academic calendar at the beginning of each academic year as the initial step in the planning process. The Institute then adds its own events and internal exam dates for preparation of its academic calendar, each department creates its own calendar. Prepared by the faculties are course files. For new disciplines, faculty members participate in faculty development programs.

Delivery phase

The HOD keeps track of teaching plan documents, TG meeting minutes, and student feedback reports to assess how well teachers are doing their jobs. The HOD provides advice to faculty members whose input falls short in specific areas. Informal feedback on specific student issues and group worries can be provided at TG meetings. Following the delivery throughout the semester, action is done to enhance delivery in coming 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	https://drive.google.com/drive/folders/17RqwWkNNIyaQjgqeQua7aoK_npOCPye8

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

1. The institution adheres to the academic calendar including for the conduct of CIE

Response:

institution follows a well-defined academic schedule, ensuring that all academic activities, including Continuous Internal Evaluation (CIE), are conducted as per the established timelines. All faculty members and students have access to the academic calendar. Faculty create teaching plans using the departmental academic calendar to finish the necessary syllabus prior to

internal testing and final exams.

The HOD frequently checks the teaching of the curriculum using the records of the lesson plans. The concerned faculty corrects any deviations in curriculum delivery from the schedule if they occur due to unforeseeable circumstances by holding additional 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	https://drive.google.com/drive/folders/1LX2jq3xcBdXkhh6I-aTAfCyOWvHX75ML

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

1352

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

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". This integration aims to ensure that students are not only equipped with technical knowledge and skills but also with a broader understanding of societal issues and responsibilities.

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

37

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

2563

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	https://drive.google.com/drive/folders/1UhItUO7evcG40w_zRRwpT2VjB_5IONe7
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	https://drive.google.com/drive/folders/1HDU4nye83--4Rq93G_3f01j_9SjwGrDY

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

400

File Description	Documents
Any additional information	No File Uploaded
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

175

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

The students are tracked during their academic journey in the institute and special efforts are made to enhance the performance of slow learners. Based on this evaluation, special activities are undertaken as per need. Identification of Advanced Learners: Advanced learners have been identified based on their Academic records, consistency and Strategies for Advanced Learners ? Students are encouraged to get the university ranks by special guidance. ? They are encouraged to complete NPTEL/Advanced courses. ? Encouraged to do projects under clubs like Robotics, Baja, Supra etc. ? Students are motivated to do in house projects and participate in Project competitions. ? Institute focus on grooming overall personality to get placements, Internships by organizing the personality development workshops and campus placements ? The advanced learners are inspired to take part in activities like debate, quiz, essay writing, presenting a paper in the seminars and conference. Identification of Slow Learners: Slow learners have been identified based on their poor Academic records, lack of consistency and lack of cognizance. Strategies for slow learners: ? Special and remedial classes are organized to improve the performances, to clarify the doubts and to the re-explanation on the topic. ? Re-test is taken for improvement

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
1695	120

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 following teaching and learning methodologies are used to motivate students to learn, retain and apply the knowledge through better understanding which helps in developing a positive attitude towards subjects taught: 1) Active learning: 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. Live learning experiences. ? Open-ended problems require critical/creative and lateral thinking for promising students.

Collaborative Learning: Scheme: Students are encouraged to team up with the students of higher and lower classes 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 like ETSA, NSS, etc

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

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

Project-based learning: After completion of some topics from the syllabus, students work on application of theory learned through projects

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

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

To a tech-savvy and agile age, the conventional chalk-and-talk technique of teaching and learning has become stale. Hence, it is need of the hour to bring innovations to the teaching-learning process to make it more attractive to students. Teachers are realizing these changes in the cognition process of students and are innovating various tools and techniques in the teaching-learning process to deliver the content/knowledge so that students actively participate in it and grasp the ideas quickly. Faculty attend various faculty development programs for domain knowledge and new skills in educational technology/pedagogy which make their teaching more innovative. The following are the various ICT tools and techniques used by faculty to make teaching more innovative and student friendly. 1) ICT based teaching-learning 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 platforms like YouTube. 4) Digital social learning platforms (WhatsApp, Telegram, LinkedIn 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.)

File Description	Documents
Upload any additional information	No File Uploaded
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

118

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

120

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
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

16

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

1121

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 carefully designed and implemented a parallel mechanism to ensure the preparedness of the students. Complete transparency is maintained in all forms of internal evaluations. Two internal examinations, namely Mid-term and End-term in each semester, are planned in the academic calendar and executed as per the schedule. A retest is planned for students having unsatisfactory performance by giving them sufficient time for preparation. Term work (TW) assessment Every course teacher has the opportunity to discuss the various evaluation criteria and assessment parameters with his or her student. 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 at the beginning of each term. The performance of each student is recorded in a continuous assessment sheet (CAS). Internal and External Assessment for PG students: The assessment of PG students is rigorous. It consists of Continuous assessment (CA) and an End-semester Examination.

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. 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. 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 enquiriesRedressal of Grievance for External Assessment: Online examinations: During an on-line examination, if any student finds an ambiguity in a question, eg. given options are not correct, data given in the question is insufficient, or options are repeated, students may report it as an invalid question. Theory examination To deal with the grievances relating to the summative assessment, SPPU invites online applications for the photocopy of the assessed answer-books. Students apply for photocopies of answer sheets. After receiving photocopies, if a student is not satisfied with its assessment, he/she may apply either for rechecking or revaluation.

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 and course outcomes 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 COs are mapped with POs and PSOs having correlation levels of either 1- Slight (Low), 2- Moderate (Medium) and 3- Substantial (High). The process of mapping of CO's with PO's and PSO's give CO-PO and CO-PSO matrices respectively. Mechanism of Communication of Program Outcomes (POs): Program Outcomes (POs) are communicated to the students, teachers, staff and other stakeholders through the following ways: 1. Displayed on the notice board of the departments. 2. Published through institute website

3. Published regularly in institute brochure, departmental news letter 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. 7. Shared to students during first lecture of new semester.

Course Outcomes (COs) are communicated to the students through the following ways: 1. COs are published through institute website 2. COs are communicated and discussed with the students during teaching learning process at the beginning of the semester and also during the progress of the semester.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	View File

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

The PSOs, POs, and COs are designed using a top-down approach. The PSOs are in tune with the expectations of professional bodies and society. The program outcomes are carefully fixed by studying the graduate attributes and blending them appropriately to suit the program being offered. To meet these program outcomes, the curriculum was designed by SPPU. While designing the curriculum, feedback from stack holders is incorporated. Each course has specific measurable course outcomes. Each course has 6 units and, in general, each unit relates to a specific course outcome. Each course outcome is mapped with the Program outcomes, and program specific objectives. While calculating the attainment level, a bottom-to-top approach is used. For each course, the attainment level of all course outcomes is computed based on student performance in internal and external examinations. Similarly, the feedback at the end of the course is used to assess the course outcome indirectly. Thus, CO attainment is a combined result of direct and indirect assessment. This in turn helps in arriving at the 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.

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

459

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	No File Uploaded
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)

https://drive.google.com/file/d/1kJId_SJ15Temy85a7xVgOZAlYHSetQlj/view?usp=drive_link

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)

NIL

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

05

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

NIL

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

creativity through Club/Cell participation in below mentioned National and International events.

SAOE Motorsport Club holds over 110 National awards till date. In 2023-24 EV-KART tam has been formed for designing electric vehicle.

The college provides partial financial aid, fabrication facilities along with staff support. The teams get support of finance, machining facilities, testing, and material through sponsorship from leading companies.

The growth of robotics in industry and desire of the students in the world of robotics, automation and popularity of the robotics competition led to the formation of 'TEAM ASTROS' in the year 2007. Coding and Mechanical Tools in a practical way and help them to gain knowledge, to provide a platform for the students to give a shape to their innovative ideas, to expose the students to the latest technological advancements in the field of robotics.

The Cypher cell It was started in 2018-2019. In this cell students brainstorm various ideas, learn various technologies and build prototypes as solution for the task they undertake. They have participated in various Hackathon competitions organized by industry, institutes and Government and won many accolades.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/drive/u/1/folders/1L38CIT3tFWJ56x_PcyywfTbc54c3Czb7

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

02

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

10

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

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

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

175

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

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

3.4 - Extension Activities

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

NSS was established at the Institute in the year 2014 with a vision of personality development of students through community service and development of distress areas. The college organizes and promotes various activities round the year for the holistic and sustained development of neighbourhood community such as:-

- Organizing seven days winter camp, Swachh Bharat initiatives, blood donation camps etc.
- Various awareness programs such as workshops, rallies and road show with themes like cleanliness, green environment & tree plantation, traffic rule awareness, empowerment of girls and women, social issues and team association etc. are organized.

Impact & Sensitization:

Exposure to extension and outreach activities sensitizes the students of social responsibility such as:

- 1.To help people in need and distress
- 2.To understand and share the need of under privileged children
- 3.To promote cleanliness in all span of life and common places
- 4.To acquire social values and a deep interest in environmental related issues

Learning outcomes of the activity:

1.Enhance the knowledge of societal issues, problems and to provide remedial measures.

2.Build up relation and tie up with villages to carry out humanitarian work in future.

3.Develop a passion and brotherhood towards community.

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

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

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

02

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

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

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

16

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	View File
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

797

File Description	Documents
Report of the event	No File Uploaded
Any additional information	View File
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

357

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	View File
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

34

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The Institute ensures that the facilities required for successful co-curricular and extracurricular activities are made available by constructing and enhancing infrastructure in compliance with the criteria set by the AICTE, DTE, and Savitribai Phule Pune University (SPPU).

There are 34 classrooms, 8 tutorial rooms, 47 laboratories, and 1 seminar hall in the physical infrastructure. The Institute also features auxiliary academic and administrative spaces, a central computing lab, and a library. The Institute features large, tastefully decorated, well-ventilated, and lit classrooms with a blackboard, computer, LCD projectors, Wi-Fi, Internet, and LAN facilities to facilitate effective teaching and learning. The Institute features a contemporary seminar room with air conditioning and audio visual technology. The Central Workshop has a variety of shops for mechanically oriented practicals. For the longer period, a workshop facility is made available. The library offers a wide range of magazines, electronic journals, reference volumes, and textbooks.

The Institute has a strong computing and internet access

infrastructure, as well as a network of 571 computers with 100 Mbps Tata Tele speed and 10 Mbps from ACPL. The departments have an adequate number of printers and scanners. The Institute has a 320 KVA generator for continuous power generation.

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

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

The following indoor and outdoor sporting facilities and cultural amenities are available at the Institute. • A computer system, an LCD projector, and a sound system are installed in the auditorium. Alumni reunions and other cultural events take place in the Auditorium. • Playgrounds for outdoor activities, including kabaddi, football, basketball, volleyball, kho-kho, and cricket. • The necessary equipment and space are available for indoor activities including yoga, chess, carrom, table tennis, and the gym.

Cultural Activities: Every year, the students participate in Sinhgad Karandak and Techtonic. Furthermore, the students are motivated to participate in cultural contests at the state level, such as Purshottam Karandak and Firodiya Karandak.

Sports: To develop students' personalities, physical fitness, and general development and to nurture their skills in a range of professions, a number of sporting activities are organized. **NSS:** The College has an NSS unit. Tree planting, Swachhata Abhiyan camps, social awareness camps, blood donation camps, and medical check-up camps are just a few of the socially conscious events in which NSS students take part. **Yoga:** Yoga is practiced to preserve good health, have mental and emotional stability, integrate moral principles, and develop consciousness.

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

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	Nil
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)

315.67671

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
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)

The institutional library uses both open-source and commercial technologies to automate library services. The library is

partially automated using Easylib software, version 06. Users can explore and search the library's collection on the intranet by using the Easylib OPAC module. Books, journals, reports, and serial publications that include information essential to the Institute are cataloged with the help of Easylib.

Easylib software offers the statistical analysis needed for weekly transactions and other library management system functions. Students can access rare books, open-source literature, college news, and digital library collections with Calibre, an open-source software program. You can access this link via LAN. The library has DELNET subscriptions to scientific databases and e-journals.

The Institute Library has downloaded a number of rare volumes from the Rare volumes Society of India (RBSI). The collection is kept in the digital library program Calibre. Through LAN, professors and students can use these rare books as a source of information to expand their expertise.

The library also has a large collection of reference books from respected companies, including McGraw Hill, Kluwer Academic, John Wiley, Elsevier, CRC Press, Blackwell, Cambridge, Britannica, Illustrated Science Ltd., Wordsworth Cengage Learning, and the Society of Automotive Engineers.

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 A. Any 4 or more 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)

1.50699

File Description	Documents
Any additional information	View File
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

40

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

As technology advances and curricular demands change, the institution isadequate IT infrastructure is updated and adjusted on a regular basis. Information and the network are both protected by the SonicWall NSA4600 firewall.

Tata Tele and ACPL have contracts to supply leased line connections with speeds of 100 Mbps and 10 Mbps, respectively. The staff and students have access to a total of 110 Mbps of bandwidth throughout the year. The Institute is equipped with Wi-fi and fast internet. In a local area network (LAN), the switches are linked to the Wi-fi access points.The Institute's LAN facility architecture is structured on core, distribution, and access. The Institute network is safeguarded by the use of a firewall and associated security measures. There are ICT resources available to

all department.

The institute has internet and intranet access available in every classroom, lab, and library. Each room has a computer, LCD projector, and internet access. The Institute has licensed Microsoft Teams software for conduction of online classes and meetings. EasyLib, KOHA, and a cloud server facility automate the college library. The library subscribes to electronic books and periodicals through INFLIBNET and DELNET.

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)

106.53272

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

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

The Institute has appointed a team of maintenance workers of various types to work for the college, under the proper supervision of the Registrar/Administrative Officer.

Maintenance of Support and Physical Facilities:

- At the start of each semester, a need analysis is carried out to determine whether the physical infrastructure is adequate in accordance with the statutory requirements of SPPU and AICTE/DTE.
- The Institute has employed an electrician to maintain and repair the electrical installations.
- The Campus Supervisor is in charge of general civil maintenance and infrastructure care. Water is always available on campus and throughout the institute. The responsible campus is in charge of water storage and distribution. The Campus Supervisor is in charge of maintaining the garden. The Institute has appointed housekeeping staff for day to day cleanliness of corridors, classrooms, laboratories, washrooms, hostels, and maintenance of premises.

Maintenance of Academic Facilities:

- The Technical Assistant (TA) and Laboratory In-charge shall take the required actions to maintain and repair the laboratory tools, equipment, kits, and machinery as needed.

- The technical assistants are in charge of installing software, maintaining and upgrading hardware, and performing routine maintenance and updates on computers and their accessories.

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

1459

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

43

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	https://drive.google.com/drive/folders/1EeBFAarFP7dx2eh3CYYWeQwAQoWj7ujn?usp=drive_link
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

492

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

492

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

159

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

16

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

23

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.

17

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 SPPU. President and vice president of each departmental student's association serve on it

which plans a variety of co-curricular and extracurricular activities. Students of the college actively participated in a variety of departmental and college-wide events such as Various Technical Competitions, Teacher's Day & Engineer's Day celebration, FE induction, Farewell to final-year students etc. Also, they participated in social activities like Orphanage Visit, Tree Plantation etc. Additionally, student representatives participate in a number of committees that assist in carrying out administrative tasks, such as the IQAC, ARC, and ICC. 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. Each class has a Boy and a Girl Class Representative. Also, students organize several initiatives of NSS, Cells like Social Media, Alumni, Cypher, Robotics and Industry Institute Interaction.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1u5I5ryKE-XROXvvfmtIBJYRPqWdq6Kd2?usp=drive_link
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

188

File Description	Documents
Report of the event	View File
Upload any additional information	View File
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

There is a registered Alumni Association that contributes significantly to the development of the institution. 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 through guest lectures, seminars, webinars, Art Circle, robotics club, Cypher cell, workshops, MOUs, Industrial Visits 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 "11th alumni Meet" was held online on 27th April 2024 at SAE. 168 students were present for the meet. Alumni share their expertise on key development areas such as Technical, soft-skills development, career growth, management of stress and anxiety and on several other relevant topics. 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 etc.

File Description	Documents
Paste link for additional information	https://assessmentonline.naac.gov.in/public/index.php/admin/get_file?file_path=eyJpd iI6IkM5bFg4L2ZHVGHtWjVlOVpGQ0hTWXc9PSIsInZ hbHVlIjoiOFdMWXIvOGRZWG5qdkFycXlNa0tvK0Vjb nFpeXN6aDN0Z3V5SERXWGxPbzdJZmlzMy9uVmx6aXJ xR1F2dVYrLyIsIm1hYyI6ImUzNGJhOGJkYzgz1NjVkn DIyZTlmN2UzYTMzOTYwNjMzMjIxNjZmM2U3MjY3MWU 5ZDYyZWm3ZWE5NzdjYjZjYjkiLCJ0YWciOiIifQ==
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 Tech tonic 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	Nil
Upload any additional information	No File Uploaded

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

The Governing Body of the College is the 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

30

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

4

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

83

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

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 AI 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	No File Uploaded

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, 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	No File Uploaded
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 organization is committed to empowering women through policies that focus on gender equality, raising awareness about women's rights, and providing support to help them reach their full potential. It runs five co-aided programs with equal opportunities for female participation. The campus is equipped with a dedicated security team to ensure the safety of all students, with a focus on female students. Women actively participate in cultural, sports, and social activities alongside men. The institution follows an inclusive hiring policy that ensures gender equality, with both male and female faculty members equally contributing to teaching and administration. The "Women Empowerment Cell" organizes various programs on women's hygiene and safety throughout the year. The institution also celebrates International Women's Day, involving both teaching and non-teaching staff. The Institute always look after the active participation of all girls students and motivate through various events for their overall development.

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	https://drive.google.com/drive/folders/1r1HjsGr-aiLpeXL6kcq1IzF3q7YimT8l

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	No File Uploaded

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

Solid Waste Management: Waste is separated into biodegradable and non-biodegradable categories. Biodegradable waste is composted using composting bins and it is used for the gardening in the campus. Non-biodegradable waste is sent for recycling.

Liquid Waste Management: A treatment plant processes liquid waste, including sewage, to reduce contamination before releasing it into the municipal system. Part of it is used for the gardening purpose.

Biomedical Waste Management: Biomedical waste is separated into color-coded bins Authorized contractors handle the waste, ensuring safe disposal through incineration or autoclaving.

E-waste Management: E-waste is collected separately and sent to certified recyclers for safe disposal and recycling. Various initiatives are taken by the students for the collection of e-waste.

Waste Recycling System: Plastic, paper, and metal waste are sorted for recycling. The institution encourages reducing, reusing, and recycling through awareness programs.

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

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

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

B. Any 3 of the above

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

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).

The institute celebrates all National Importance Days and fosters religious harmony through events like Shivrajyadin, Ambedkar jayanti, Savitribai Phule Jayanti. It offers a welcoming environment for students from across the country, with hostel facilities available for both boys and girls.

Programs such as Shivrajya Abhishek Sohala , Meri Mati Mera Desh Mission , Birth Anniversary of Savitri Bai Phule , Dr. Babasaheb Ambedkar and International Yoga Day are celebrated under the National Student Scheme. Economically Backward Class students get benefited from the Earn and Learn Scheme, with contributions from both the university and the institute. Government schemes like TFWS, EBC, and SEBC scholarships are also implemented.

Teachers' Day is celebrated by various departments to honor educators, while the Library Department organizes events like Marathi Bhasha Gourav Din and related competitions. Under the women empowerment cell Mehendi competition organized on the occasion of Nag Panchami. Institute's library organizes the program on Marathi bhasha din.

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

The institute organizes various programs to promote human values and ethics. Students are educated about ethics, human values, rights, duties, and responsibilities as citizens of India during induction and throughout the year. Under the NSS quiz competition on no tobacco day was conducted for students as well as international yoga day is also celebrated in the Institute on the large scale.

The NSS and student associations actively engage in activities promoting civic duties, such as tree plantation drives and awareness campaigns on social awareness and enrol the students for the voter registration. The institute also organizes an annual blood donation camp in collaboration with SKN Hospital. Students from all the departments have visited orphanage and communicated with such underprivileged kids. The beautiful day came to an end with distribution of gifts to all the kids, happy faces and the best memories. Additionally, students are encouraged to preserve the environment and adopt green practices.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://drive.google.com/drive/folders/1x2hrjk6dbfdF31H2JbzhB7oaxV5NI-8S
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 B. Any 3 of the above

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

The institute marks significant national occasions like Independence Day and Republic Day with celebrations and competitions for students. International Yoga Day on June 21 sees enthusiastic participation from staff, while International Women's Day and Dr. Babasaheb Ambedkar Jayanti are observed with events like seminars on the Indian Constitution.

Teachers' Day is celebrated on Dr. Sarvepalli Radhakrishnan's birth anniversary to honor educators and organized by student associations, features activities, games, and speeches.

Engineers' Day is observed on Sir M. Visvesvaraya's birth anniversary to appreciate engineers' contributions. Mahatma Gandhi's death anniversary and Lal Bhadur Shastri birth Anniversary is marked with a lecture by the Principal, inspiring students with his thoughts and morals.

The institute joyfully celebrates festivals like Makar Sankranti, Shiv Jayanti, Khandenavami, and Navratri. Khandenavami includes 'Yantar Poojan' in all departments, reflecting cultural traditions

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.

Social Nurturing and Outreach Activities: These initiatives aim to support and empower socially marginalized communities affected by economic, regional, linguistic, communal, or gender disparities. The institute actively encourages students to engage with these communities through various outreach programs. We provide multiple platforms for social interaction, such as the Women Empowerment Cell, Departmental Student Associations, National Service Scheme (NSS), and the Student Development Cell, all of which facilitate meaningful student involvement in community service and social change. Various activities such as orphanage visit, blood donation camp, tree plantation, meri matti mera desh such various programs are organized with enthusiastic involvement of all the faculties and students.

Skill Enhancement and Employee Development Program(SEED):The program, designed for our college teachers, is a structured initiative aimed at exploring various methods, strategies, techniques, technological tools, and providing guidance to participants on how to implement them in classrooms to actively engage students and make the teaching-learning process enjoyable. The program also aimed to enhance participants' knowledge of student-centric interactive technological tools. Meticulously designed, the program encouraged learners to actively participate in interactive activities and engage in discussions with their peers. This program is modified each year for all the teachers.

File Description	Documents
Best practices in the Institutional website	http://cms.sinhgad.edu/media/524433/internship.pdf
Any other relevant information	https://drive.google.com/drive/folders/1Sa_eDjBIxaSUYeM9NKKWw5e3xAXeYiFjj

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

The institution focuses on equipping students with skills and knowledge needed. To achieve this, the institution has specially designed Student Training Program (STP). This comprehensive program is structured to enhance a wide variety of skills, including communication, managerial, and technical abilities.

The first module concentrates on developing soft skills and communication skills, for further studies, job interviews, and professional interactions. This module ensures that students are well-prepared for the practical demands of their academic careers. STP curriculum becomes more focused on developing a research-oriented mindset, preparing them for advanced studies and research work. This aspect of the program aims to cultivate critical thinking, problem-solving abilities. The last year students participate in a Value Added Program (VAP), certified course that introduces them to cutting-edge industry technologies and trends. This is beneficial for students preparing to enter the workforce, as it ensures they are up-to-date with the latest advancements in their field. The VAP is taught by industry experts, providing students with valuable insights into the professional world and helping them stay competitive in the job market.

Each STP module is crafted by experts to ensure that students not only excel academically but also gain the practical skills required for industry readiness.

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

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

The Effective Curriculum Delivery is fulfilled by applying standard operating procedures, it implies that the institution takes intentional steps to plan, monitor, document its curriculum delivery to ensure that it meets the needs of students and achieves desired academic outcomes.

Planning Phase

The University publish academic calendar at the beginning of each academic year as the initial step in the planning process. The Institute then adds its own events and internal exam dates for preparation of its academic calendar, each department creates its own calendar. Prepared by the faculties are course files. For new disciplines, faculty members participate in faculty development programs.

Delivery phase

The HOD keeps track of teaching plan documents, TG meeting minutes, and student feedback reports to assess how well teachers are doing their jobs. The HOD provides advice to faculty members whose input falls short in specific areas. Informal feedback on specific student issues and group worries can be provided at TG meetings. Following the delivery throughout the semester, action is done to enhance delivery in coming 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	https://drive.google.com/drive/folders/17RqWkNNIyaQjpqeQua7aoK_npOCPye8

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

1. The institution adheres to the academic calendar including for the conduct of CIE

Response:

institution follows a well-defined academic schedule, ensuring that all academic activities, including Continuous Internal Evaluation (CIE), are conducted as per the established timelines. All faculty members and students have access to the academic calendar. Faculty create teaching plans using the departmental academic calendar to finish the necessary syllabus prior to internal testing and final exams.

The HOD frequently checks the teaching of the curriculum using the records of the lesson plans. The concerned faculty corrects any deviations in curriculum delivery from the schedule if they occur due to unforeseeable circumstances by holding additional 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	https://drive.google.com/drive/folders/1LX2jq3xcBdXkhh6I-aTAfCyOWvHX75ML

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

1352

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

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". This integration aims to ensure that students are not only equipped with technical knowledge and skills but also with a broader understanding of societal issues and responsibilities.

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

37

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

2563

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	https://drive.google.com/drive/folders/1U_hItUO7evcG40w_zRRwpT2VjB_5IONe7
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	https://drive.google.com/drive/folders/1H_DU4nye83--4Rq93G_3f01j_9SjwGrDY

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

400

File Description	Documents
Any additional information	No File Uploaded
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

175

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

The students are tracked during their academic journey in the institute and special efforts are made to enhance the performance of slow learners. Based on this evaluation, special activities are undertaken as per need. Identification of Advanced Learners: Advanced learners have been identified based on their Academic records, consistency and Strategies for Advanced Learners ? Students are encouraged to get the university ranks by special guidance. ? They are encouraged to complete NPTEL/Advanced courses. ? Encouraged to do projects under clubs like Robotics, Baja, Supra etc. ? Students are motivated to do in house projects and participate in Project competitions. ? Institute focus on grooming overall personality to get placements, Internships by organizing the personality development workshops and campus placements ? The advanced learners are inspired to take part in activities like debate, quiz, essay writing, presenting a paper in the seminars and conference. Identification of Slow Learners: Slow learners have been identified based on their poor Academic records, lack of consistency and lack of cognizance. Strategies for Slow learners: ? Special and remedial classes are organized to improve the performances, to clarify the doubts and to the re-explanation on the topic. ? Re-test is taken for improvement

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
1695	120

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 following teaching and learning methodologies are used to motivate students to learn, retain and apply the knowledge through better understanding which helps in developing a positive attitude towards subjects taught: 1) Active learning: 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. Live learning experiences. ? Open-ended problems require critical/creative and lateral thinking for promising students.

Collaborative Learning: Scheme: Students are encouraged to team up with the students of higher and lower classes 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 like ETSA, NSS, etc

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

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

Project-based learning: After completion of some topics from the syllabus, students work on application of theory learned through projects

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

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

To a tech-savvy and agile age, the conventional chalk-and-talk technique of teaching and learning has become stale. Hence, it is need of the hour to bring innovations to the teaching-learning process to make it more attractive to students. Teachers are realizing these changes in the cognition process of students and are innovating various tools and techniques in the teaching-learning process to deliver the content/knowledge so that students actively participate in it and grasp the ideas quickly. Faculty attend various faculty development programs for domain knowledge and new skills in educational technology/pedagogy which make their teaching more innovative. The following are the various ICT tools and techniques used by faculty to make teaching more innovative and student friendly. 1) ICT based teaching-learning 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 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.)

File Description	Documents
Upload any additional information	No File Uploaded
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

118

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**

120

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
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**

16

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

1121

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 carefully designed and implemented a parallel mechanism to ensure the preparedness of the students. Complete transparency is maintained in all forms of internal evaluations. Two internal examinations, namely Mid-term and End-term in each semester, are planned in the academic calendar and executed as per the schedule. A retest is planned for students having unsatisfactory performance by giving them sufficient time for preparation. Term work (TW) assessment Every course teacher has the opportunity to discuss the various evaluation criteria and assessment parameters with his or her student. 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. At the beginning of each term. The performance of each student is recorded in a continuous assessment sheet (CAS). Internal and External Assessment for PG students: The assessment of PG students is rigorous. It consists of Continuous assessment (CA) and an End-semester Examination.

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. 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. 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 Redressal of Grievance for External Assessment: Online examinations: During an on-line examination, if any student finds an ambiguity in a question, eg. given options are not correct, data given in the question is insufficient, or options are repeated, students may report it as an invalid question. Theory examination To deal with the grievances relating to the summative assessment, SPPU invites online applications for the photocopy of the assessed answer-books. Students apply for photocopies of answer sheets. After receiving photocopies, if a student is not satisfied with its assessment, he/she may apply either for rechecking or revaluation.

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 and course outcomes 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 COs are mapped with POs and PSOs having correlation levels of either 1- Slight (Low), 2- Moderate (Medium) and 3- Substantial (High). The process of mapping of CO's with PO's and PSO's give CO-PO and CO-PSO matrices respectively. Mechanism of Communication of Program Outcomes (POs): Program Outcomes (POs) are communicated to the students, teachers, staff and other stakeholders through the following

ways: 1. Displayed on the notice board of the departments. 2. Published through institute website

3. Published regularly in institute brochure, departmental news letter 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. 7. Shared to students during first lecture of new semester.

Course Outcomes (COs) are communicated to the students through the following ways: 1. COs are published through institute website 2. COs are communicated and discussed with the students during teaching learning process at the beginning of the semester and also during the progress of the semester.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	View File

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

The PSOs, POs, and COs are designed using a top-down approach. The PSOs are in tune with the expectations of professional bodies and society. The program outcomes are carefully fixed by studying the graduate attributes and blending them appropriately to suit the program being offered. To meet these program outcomes, the curriculum was designed by SPPU. While designing the curriculum, feedback from stakeholders is incorporated. Each course has specific measurable course outcomes. Each course has 6 units and, in general, each unit relates to a specific course outcome. Each course outcome is mapped with the Program outcomes, and program specific objectives. While calculating the attainment level, a bottom-to-top approach is used. For each course, the attainment level of all course outcomes is computed based on student performance in internal and external examinations. Similarly, the feedback at the end of the course is used to assess the course outcome indirectly. Thus, CO attainment is a combined result of direct

and indirect assessment. This in turn helps in arriving at the 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.

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

459

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	No File Uploaded
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)

https://drive.google.com/file/d/1kJId_SJ15Temy85a7xVgOZAlYHSetOlj/view?usp=drive_link

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)

NIL

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****05**

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****NIL**

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 creativity through Club/Cell participation in below mentioned National and International events.

SAOE Motorsport Club holds over 110 National awards till date. In 2023-24 EV-KART tam has been formed for designing electric vehicle.

The college provides partial financial aid, fabrication facilities along with staff support. The teams get support of finance, machining facilities, testing, and material through sponsorship from leading companies.

The growth of robotics in industry and desire of the students in the world of robotics, automation and popularity of the robotics competition led to the formation of 'TEAM ASTROS' in the year 2007. Coding and Mechanical Tools in a practical way and help them to gain knowledge, to provide a platform for the students to give a shape to their innovative ideas, to expose the students to the latest technological advancements in the field of robotics.

The Cypher cell It was started in 2018-2019. In this cell students brainstorm various ideas, learn various technologies and build prototypes as solution for the task they undertake. They have participated in various Hackathon competitions organized by industry, institutes and Government and won many accolades.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://drive.google.com/drive/u/1/folders/1L38CIT3tFWJ56x_PcywftBc54c3Czb7

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

02	
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	
10	
File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File
3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year	
3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year	
175	
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

64

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

3.4 - Extension Activities

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

NSS was established at the Institute in the year 2014 with a vision of personality development of students through community service and development of distress areas. The college organizes and promotes various activities round the year for the holistic and sustained development of neighbourhood community such as:-

- Organizing seven days winter camp, Swachh Bharat initiatives, blood donation camps etc.
- Various awareness programs such as workshops, rallies and road show with themes like cleanliness, green environment & tree plantation, traffic rule awareness, empowerment of girls and women, social issues and team association etc. are organized.

Impact & Sensitization:

Exposure to extension and outreach activities sensitizes the students of social responsibility such as:

- 1.To help people in need and distress
- 2.To understand and share the need of under privileged children
- 3.To promote cleanliness in all span of life and common places
- 4.To acquire social values and a deep interest in environmental related issues

Learning outcomes of the activity:

1.Enhance the knowledge of societal issues, problems and to provide remedial measures.

2.Build up relation and tie up with villages to carry out humanitarian work in future.

3.Develop a passion and brotherhood towards community.

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

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

02

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

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year**3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

16

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	View File
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

797

File Description	Documents
Report of the event	No File Uploaded
Any additional information	View File
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

357

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	View File
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

34

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The Institute ensures that the facilities required for successful co-curricular and extracurricular activities are made available by constructing and enhancing infrastructure in compliance with the criteria set by the AICTE, DTE, and Savitribai Phule Pune University (SPPU).

There are 34 classrooms, 8 tutorial rooms, 47 laboratories, and 1 seminar hall in the physical infrastructure. The Institute also features auxiliary academic and administrative spaces, a central computing lab, and a library. The Institute features large, tastefully decorated, well-ventilated, and lit classrooms with a blackboard, computer, LCD projectors, Wi-Fi, Internet, and LAN facilities to facilitate effective teaching and learning. The Institute features a contemporary seminar room with air conditioning and audio visual technology. The Central Workshop has a variety of shops for mechanically oriented practicals. For the longer period, a workshop facility is made available. The library offers a wide range of magazines, electronic journals, reference volumes, and textbooks.

The Institute has a strong computing and internet access

infrastructure, as well as a network of 571 computers with 100 Mbps Tata Tele speed and 10 Mbps from ACPL. The departments have an adequate number of printers and scanners. The Institute has a 320 KVA generator for continuous power generation.

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

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

The following indoor and outdoor sporting facilities and cultural amenities are available at the Institute. • A computer system, an LCD projector, and a sound system are installed in the auditorium. Alumni reunions and other cultural events take place in the Auditorium. • Playgrounds for outdoor activities, including kabaddi, football, basketball, volleyball, kho-kho, and cricket. • The necessary equipment and space are available for indoor activities including yoga, chess, carrom, table tennis, and the gym.

Cultural Activities: Every year, the students participate in Sinhgad Karandak and Techtonic. Furthermore, the students are motivated to participate in cultural contests at the state level, such as Purshottam Karandak and Firodiya Karandak.

Sports: To develop students' personalities, physical fitness, and general development and to nurture their skills in a range of professions, a number of sporting activities are organized.

NSS: The College has an NSS unit. Tree planting, Swachhata Abhiyan camps, social awareness camps, blood donation camps, and medical check-up camps are just a few of the socially conscious events in which NSS students take part. **Yoga:** Yoga is practiced to preserve good health, have mental and emotional stability, integrate moral principles, and develop consciousness.

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

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	Nil
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)

315.67671

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	View File
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)

The institutional library uses both open-source and commercial technologies to automate library services. The library is

partially automated using Easylib software, version 06. Users can explore and search the library's collection on the intranet by using the Easylib OPAC module. Books, journals, reports, and serial publications that include information essential to the Institute are cataloged with the help of Easylib.

Easylib software offers the statistical analysis needed for weekly transactions and other library management system functions. Students can access rare books, open-source literature, college news, and digital library collections with Calibre, an open-source software program. You can access this link via LAN. The library has DELNET subscriptions to scientific databases and e-journals.

The Institute Library has downloaded a number of rare volumes from the Rare volumes Society of India (RBSI). The collection is kept in the digital library program Calibre. Through LAN, professors and students can use these rare books as a source of information to expand their expertise.

The library also has a large collection of reference books from respected companies, including McGraw Hill, Kluwer Academic, John Wiley, Elsevier, CRC Press, Blackwell, Cambridge, Britannica, Illustrated Science Ltd., Wordsworth Cengage Learning, and the Society of Automotive Engineers.

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

A. Any 4 or more 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)

1.50699

File Description	Documents
Any additional information	View File
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

40

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

As technology advances and curricular demands change, the institution isadequate IT infrastructure is updated and adjusted on a regular basis. Information and the network are both protected by the SonicWall NSA4600 firewall.

Tata Tele and ACPL have contracts to supply leased line connections with speeds of 100 Mbps and 10 Mbps, respectively. The staff and students have access to a total of 110 Mbps of bandwidth throughout the year. The Institute is equipped with Wi-fi and fast internet. In a local area network (LAN), the switches are linked to the Wi-fi access points. The Institute's LAN facility architecture is structured on core, distribution, and access. The Institute network is safeguarded by the use of a firewall and associated security measures. There are ICT resources available to all department.

The institute has internet and intranet access available in every classroom, lab, and library. Each room has a computer, LCD projector, and internet access. The Institute has licensed Microsoft Teams software for conduction of online classes and meetings. EasyLib, KOHA, and a cloud server facility automate the college library. The library subscribes to electronic books and periodicals through INFLIBNET and DELNET.

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)

106.53272

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

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

The Institute has appointed a team of maintenance workers of various types to work for the college, under the proper supervision of the Registrar/Administrative Officer.

Maintenance of Support and Physical Facilities: • At the start of each semester, a need analysis is carried out to determine whether the physical infrastructure is adequate in accordance with the statutory requirements of SPPU and AICTE/DTE. • The Institute has employed an electrician to maintain and repair the electrical installations. • The Campus Supervisor is in charge of general civil maintenance and infrastructure care. Water is always available on campus and throughout the institute. The responsible campus is in charge of water storage and distribution. The Campus Supervisor is in charge of maintaining the garden. .The Institute has appointed

housekeeping staff for day to day cleanliness of corridors, classrooms, laboratories, washrooms, hostels, and maintenance of premises.

Maintenance of Academic Facilities:

- The Technical Assistant (TA) and Laboratory In-charge shall take the required actions to maintain and repair the laboratory tools, equipment, kits, and machinery as needed.
- The technical assistants are in charge of installing software, maintaining and upgrading hardware, and performing routine maintenance and updates on computers and their accessories.

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

1459

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

43

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	https://drive.google.com/drive/folders/1EeBFAarFP7dx2eh3CYYWeQwAQoWj7ujn?usp=drive_link
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

492

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

492

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent 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

159

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

16

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

23

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.

17

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 SPPU. President and vice president of each departmental student's association serve on it which plans a variety of co-curricular and extracurricular activities. Students of the college actively participated in a variety of departmental and college-wide events such as Various Technical Competitions, Teacher's Day & Engineer's Day celebration, FE induction, Farewell to final-year students etc. Also, they participated in social activities like Orphanage Visit, Tree Plantation etc. Additionally, student representatives participate in a number of committees that assist in carrying out administrative tasks, such as the IQAC, ARC, and ICC. 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. Each class has a Boy and a Girl Class Representative. Also, students organize several initiatives of NSS, Cells like Social Media, Alumni, Cypher, Robotics and Industry Institute Interaction.

File Description	Documents
Paste link for additional information	https://drive.google.com/drive/folders/1u5I5ryKE-XROXvfmtIBJYRPqWdq6Kd2?usp=drive_link
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

188

File Description	Documents
Report of the event	View File
Upload any additional information	View File
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

There is a registered Alumni Association that contributes significantly to the development of the institution. 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 through guest lectures, seminars, webinars, Art Circle, robotics club, Cypher cell, workshops, MOUs, Industrial Visits 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 "11th alumni Meet" was held online on 27th April 2024 at SAE. 168 students were present for the meet. Alumni share their expertise on key development areas such as Technical, soft-skills development, career growth, management of stress and anxiety and on several other relevant topics. 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 etc.

File Description	Documents
Paste link for additional information	https://assessmentonline.naac.gov.in/public/index.php/admin/get_file?file_path=eyJpdjI6Ikm5bFg4L2ZHVGHtWjVlOVpGQ0hTWXc9PSIsInZhbHVlIjoioFdmWXIvOGRZWG5qdkFycXlNa0tvK0VjbnFpeXN6aDN0Z3V5SERXWGxPbzdJZmlzMy9uVmX6aXJxR1F2dVYrLyIsImlhYyI6ImUzNGJhOGJkYzg1NjVkdjYzTlM2UzYTMzOTYwNjMzMjIxNjZmM2U3MjY3MWU5ZDYyZWZWM3ZWE5NzdjYjZjYjkiLCJ0YWciOiIiIifQ==
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	Nil
Upload any additional information	No File Uploaded

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

The Governing Body of the College is the 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 inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

The Institute 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

30

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**

4

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**

83

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

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	No File Uploaded

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, 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	No File Uploaded
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 organization is committed to empowering women through policies that focus on gender equality, raising awareness about women's rights, and providing support to help them reach their full potential. It runs five co-aided programs with equal opportunities for female participation. The campus is equipped with a dedicated security team to ensure the safety of all students, with a focus on female students. Women actively participate in cultural, sports, and social activities alongside men. The institution follows an inclusive hiring policy that ensures gender equality, with both male and female faculty members equally contributing to teaching and administration. The "Women Empowerment Cell" organizes various programs on women's hygiene and safety throughout the year. The institution also celebrates International Women's Day, involving both teaching and non-teaching staff. The Institute always look after the active participation of all girls students and motivate through various events for their overall development.

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	https://drive.google.com/drive/folders/1r1HjsGr-aiLpeXL6kcqLIzF3q7YimT8l

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	No File Uploaded

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
<p>Solid Waste Management: Waste is separated into biodegradable and non-biodegradable categories. Biodegradable waste is composted using composting bins and it is used for the gardening in the campus. Non-biodegradable waste is sent for recycling.</p> <p>Liquid Waste Management: A treatment plant processes liquid waste, including sewage, to reduce contamination before releasing it into the municipal system. Part of it is used for the gardening purpose.</p> <p>Biomedical Waste Management: Biomedical waste is separated into color-coded bins Authorized contractors handle the waste, ensuring safe disposal through incineration or autoclaving.</p>

E-waste Management: E-waste is collected separately and sent to certified recyclers for safe disposal and recycling. Various initiatives are taken by the students for the collection of e-waste.

Waste Recycling System: Plastic, paper, and metal waste are sorted for recycling. The institution encourages reducing, reusing, and recycling through awareness programs.

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	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for 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**

A. Any 4 or All of the above

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).

The institute celebrates all National Importance Days and fosters religious harmony through events like Shivrajyadin, Ambedkar jayanti, Savitribai Phule Jayanti. It offers a welcoming environment for students from across the country, with hostel facilities available for both boys and girls.

Programs such as Shivrajya Abhishek Sohala , Meri Mati Mera Desh Mission , Birth Anniversary of Savitri Bai Phule , Dr. Babasaheb Ambedkar and International Yoga Day are celebrated under the National Student Scheme. Economically Backward Class students get benefited from the Earn and Learn Scheme, with contributions from both the university and the institute. Government schemes like TFWS, EBC, and SEBC scholarships are also implemented.

Teachers' Day is celebrated by various departments to honor educators, while the Library Department organizes events like Marathi Bhasha Gourav Din and related competitions. Under the women empowerment cell Mehendi competition organized on the occasion of Nag Panchami. Institute's library organizes the program on Marathi bhasha din.

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

The institute organizes various programs to promote human values and ethics. Students are educated about ethics, human values, rights, duties, and responsibilities as citizens of India during induction and throughout the year. Under the NSS quiz competition on no tobacco day was conducted for students as well as international yoga day is also celebrated in the Institute on the large scale.

The NSS and student associations actively engage in activities promoting civic duties, such as tree plantation drives and awareness campaigns on social awareness and enrol the students for the voter registration. The institute also organizes an annual blood donation camp in collaboration with SKN Hospital. Students from all the departments have visited orphanage and communicated with such underprivileged kids. The beautiful day came to an end with distribution of gifts to all the kids , happy faces and the best memories. Additionally, students are encouraged to preserve the environment and adopt green practices.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://drive.google.com/drive/folders/1x2hrjk6dbfdF31H2JbzhB7oaxV5NI-8S
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

B. Any 3 of the above

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

The institute marks significant national occasions like Independence Day and Republic Day with celebrations and competitions for students. International Yoga Day on June 21 sees enthusiastic participation from staff, while International Women's Day and Dr. Babasaheb Ambedkar Jayanti are observed with events like seminars on the Indian Constitution.

Teachers' Day is celebrated on Dr. Sarvepalli Radhakrishnan's birth anniversary to honor educators and organized by student associations, features activities, games, and speeches.

Engineers' Day is observed on Sir M. Visvesvaraya's birth anniversary to appreciate engineers' contributions. Mahatma Gandhi's death anniversary and Lal Bhadur Shastri birth Anniversary is marked with a lecture by the Principal, inspiring students with his thoughts and morals.

The institute joyfully celebrates festivals like Makar Sankranti, Shiv Jayanti, Khandenavami, and Navratri. Khandenavami includes 'Yantar Poojan' in all departments, reflecting cultural traditions

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.

Social Nurturing and Outreach Activities: These initiatives aim to support and empower socially marginalized communities affected by economic, regional, linguistic, communal, or gender disparities. The institute actively encourages students to engage with these communities through various outreach programs. We provide multiple platforms for social interaction, such as the Women Empowerment Cell, Departmental Student Associations, National Service Scheme (NSS), and the Student Development Cell, all of which facilitate meaningful student involvement in community service and social change. Various activities such as orphanage visit, blood donation camp, tree plantation, meri matti mera desh such various programs are organized with enthusiastic involvement of all the faculties and students.

Skill Enhancement and Employee Development Program(SEED):The program, designed for our college teachers, is a structured initiative aimed at exploring various methods, strategies, techniques, technological tools, and providing guidance to participants on how to implement them in classrooms to actively engage students and make the teaching-learning process enjoyable. The program also aimed to enhance participants' knowledge of student-centric interactive technological tools. Meticulously designed, the program encouraged learners to actively participate in interactive activities and engage in discussions with their peers. This program is modified each year for all the teachers.

File Description	Documents
Best practices in the Institutional website	http://cms.sinhgad.edu/media/524433/inter_nship.pdf
Any other relevant information	https://drive.google.com/drive/folders/1S_aeDjBIxaSUYeM9NKKWw5e3xAXeYiFjj

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

The institution focuses on equipping students with skills and knowledge needed. To achieve this, the institution has specially designed Student Training Program (STP). This comprehensive program is structured to enhance a wide variety of skills, including communication, managerial, and technical abilities.

The first module concentrates on developing soft skills and communication skills, for further studies, job interviews, and professional interactions. This module ensures that students are well-prepared for the practical demands of their academic careers. STP curriculum becomes more focused on developing a research-oriented mindset, preparing them for advanced studies and research work. This aspect of the program aims to cultivate critical thinking, problem-solving abilities. The last year students participate in a Value Added Program (VAP), certified course that introduces them to cutting-edge industry technologies and trends. This is beneficial for students preparing to enter the workforce, as it ensures they are up-to-date with the latest advancements in their field. The VAP is taught by industry experts, providing students with valuable insights into the professional world and helping them stay competitive in the job market.

Each STP module is crafted by experts to ensure that students not only excel academically but also gain the practical skills required for industry readiness.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

The institute promotes the research and academic culture among students and teachers through various activities such as seminars, competitions for imbuing research culture. The institute has introduced several initiatives to enhance academic, co-curricular, and extracurricular activities, as well as faculty development. The goal is to foster a strong research culture and encourage innovation and make the students

The institution plans to carry out activities aligned with its vision, mission, and core values:

1. Increase seminars featuring experts from various sectors of national and global importance, and strengthen collaboration between industry, academia, and alumni to support student growth.
2. Organize development programs for both students and faculty to enhance skills and knowledge.
3. Provide support for competitive exams and placement opportunities for students.
4. Facilitate activities related to IPR, innovation, and entrepreneurship to foster creativity and business acumen.
5. Host project exhibitions at both department and institute levels to encourage high-quality research.
6. Strengthen the Mentoring and Guidance Cell to support the overall development of students.
7. Enhance the SEED program and "Train the Trainer" initiatives to improve faculty performance.
8. Introduce value-added and professional courses to boost students' employability and skill sets.