



YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution	
	Sinhgad Technical Education Society's Sinhgad College of Engineering
• Name of the Head of the institution	DR. S. D. LOKHANDE
• Designation	PRINCIPAL
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02024354705
• Mobile no	9822335468
• Registered e-mail	PRINCIPAL.SCOE@SINHGAD.EDU
• Alternate e-mail	SDLOKHANDE.SCOE@SINHGAD.EDU
• Address	44/1, VADGAON (bUDRUK), OFF SINHGAD ROAD
• City/Town	PUNE
• State/UT	MAHARASHTRA
• Pin Code	411041
2.Institutional status	
• Affiliated /Constituent	AFFILIATED
• Type of Institution	Co-education
• Location	Urban

• Financial Status	UGC 2f and 12(B)				
• Name of the Affiliating University	SAVITRIBAI PHULE PUNE UNIVERSITY				
• Name of the IQAC Coordinator	DR. KALPANA SHRIKANT JOSHI				
• Phone No.	02024100183				
• Alternate phone No.	9881274525				
• Mobile	9881230157				
• IQAC e-mail address	HODBIOTECH.SCOE@SINHGAD.EDU				
• Alternate Email address	VICEPRINCIPAL.SCOE@SINHGAD.EDU				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://cms.sinhgad.edu/sinhgad_engineering_institutes/vadgaon_scoe/naac/aqar.aspx				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://cms.sinhgad.edu/sinhgad_engineering_institutes/vadgaon_scoe/naac/aqar.aspx				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.25	2017	23/01/2017	22/01/2022
Cycle 2	A+	3.31	2022	26/10/2022	25/10/2027
6.Date of Establishment of IQAC	28/08/2017				
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
Biotechnology Engineering	Research Project	Science and Engineering Research Board (SERB), Govt of India, New Delhi	2020-2023	2772560
Biotechnology Engineering	ASPIRE Project	SPPU	2019-23	287000
8. Whether composition of IQAC as per latest NAAC guidelines			Yes	
<ul style="list-style-type: none"> Upload latest notification of formation of IQAC 			View File	
9. No. of IQAC meetings held during the year			04	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 			Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 			No File Uploaded	
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?			No	
<ul style="list-style-type: none"> If yes, mention the amount 				
11. Significant contributions made by IQAC during the current year (maximum five bullets)				
1. Annual Academic Audit of the departments 2. NAAC accreditation with A+ grade with 3.31 CGPA 3. Plan for NBA accreditation				
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
Annual Academic Audit of the departments	Completed
NAAC Accreditation SAR submitted, NAAC committee visit	NAAC accreditation with A+ grade with 3.31 CGPA
Plan for NBA accreditation	Five departments eligible for NBA accreditation

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

Name	Date of meeting(s)
Academic monitoring committee	17/07/2023

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2022-2023	09/02/2024

15. Multidisciplinary / interdisciplinary

The vision and mission of the institute is to inculcate holistic development of students and teachers. The mission statement focuses on the needs of the society in explicit terms, namely imbibing a unique value system, transparent work culture, excellent academic and physical environment, and conducive to learning, and creativity to accomplish the vision of the institution. Basic engineering sciences like physics, chemistry, and mathematics, are part of the curriculum in first-year engineering whereas the subject of geology is part of the syllabus in Civil Engineering. The institute follows the curriculum designed by the university wherein courses related to humanities and social sciences are given proper weightage so as to give a comprehensive approach which satisfies STEM. The institute follows credit based curriculum prescribed by the university. The students are regularly engaged in community development programs through NSS, Prayas etc. As the institute follows Savitribai Phule Pune University curriculum, at present multidisciplinary flexible curriculum that enables multiple entry and exit at the end of the

academy year is not possible. All the departments of the institute encourage the students to focus on mini and major projects as part of the curriculum in third and final year engineering. The institute runs Mechatronics program at the post graduate level in Mechanical Engineering department, which is a multidisciplinary program. The institute encourages students of different departments in developing multidisciplinary projects in the form of hybrid vehicle, solar vehicle, and rocket models so that the student participates in national and international competitions. The faculty and students are also engaged in interdisciplinary research in areas like online quality parameter monitoring for nallah (Canal), bacterial analysis of cow dung based bio enzymes jeevamrut, drainage line survey using robots, applications of image processing techniques in weld defect analysis, energy harvesting from conventional energy sources and smart home energy audit, IoT based projects and others. The students of Civil and Biotech departments work on interdisciplinary environmental issues and developed Indigenous systems like grey water treatment for concrete casting and curing, Bioculture - wastewater treatment for agricultural purposes, waterless urinals, and non-mechanized solid waste management systems for the benefit of society. The institute support the students by opening facilities like laboratories, and a central library beyond the college working hours for completing multidisciplinary projects. Valuebased multidisciplinary education in the form of webinars, seminars, activities like Yoga, and induction programs, expert lectures are provided to the students with the intention of developing humanistic, ethical, social, constitutional, intellectual, and universal human values.

16.Academic bank of credits (ABC):

Institute is affiliated to Savitribai Phule Pune University (SPPU) and the curriculum proposed by the university is strictly followed. The University provides flexibility to the institute to run selective audit courses, honor courses and electives both at UG, and PG level. The choice-based credit system (CBCS) for all programs is fully implemented from the academic year 2019-20 as per the guidelines of UGC and SPPU, Pune. Being an affiliated college, SCOE follows the CBCS system and will participate in Academic Bank Credits (ABC) system as per the university.

17.Skill development:

As a step towards competence based learning that helps students to further improve their core skills, the institute offers Student Training Program (STP) in the form of soft, communication,

Technical, Fundamental and Aptitude Training, Research Methodology, Technical report writing during second & third year of Engineering. In fourth year, value added programs are taught by the industry veterans on latest technological developments and trending fields of engineering in order to develop the skill sets as per the industry requirement. These value added programs are beyond the syllabus content of SPPU and floated as per the requirements of students' interest. The students actively participate in PRAYAS and NSS activities to learn ethical, humanistic and universal human values. The college organizes admission fair in the form Conclaves for providing opportunities for students to go for higher studies in abroad at various universities across the world like USA, Canada, Germany, Denmark, United Kingdom, and Netherlands etc. In this Conclave, more than 50+ universities participate in every year and provide options for studying in Master of Science (MS) and integrated doctoral/ post-doctoral program in various streams of science and engineering. In this regard the institute has made Memorandum of Understanding (MOU) with the GENEX which provides services free of cost. The college has also made MoU with "First Naukari.com" to provide training in up-gradation of soft and technical skills of students in areas such as SWOT Analysis, Training on Machine Learning, Artificial Intelligence, Robotics, Process automation, mechatronics and Programing on C, C++, JAVA, Python etc. The skill development sessions are conducted by our institute on data sciences, renewable energy, entrepreneurship & innovation with renowned institutes like Imperial college of London, Pennsylvania University, and Durham University, Denmark respectively. Students of the institute participate in building both internal combustion engine and hybrid vehicles, HACKATHON, Robotics competition, etc. The institute has made memorandum of understanding with Infosys India Ltd. to run Infosys campus connect program to develop soft skills for the students and faculty by conducting Workshop on Foundation Programs, Webinar on soft skills and LEX, Enablement Program for faculty and students on Python and DBMS through INFYTO Program, Quiz's on Python, New Digital Learning Initiative etc. The Institute offers environmental Studies I & II credit courses at first year engineering, to make the students familiar with environmental issues and their effect which includes conservation of biodiversity and sustainable development. The curriculum also includes study of constitution, democracy and election. Incubation center is developed in the Electronics and Telecommunication engineering department to enhance the skills and through this center a few entrepreneurs started their startups in the domain of embedded systems.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture,

using online course)

The curriculum of the institute is designed to instruct in English language, but the faculty members conduct separate lectures in English and local language to take care of slow learners. The institute runs an art circle club to encourage the students' skill development in painting, photography, literature, article writing in multiple languages. The best articles of art circle club are published in annual college magazine "SRUJAN", which won prize at University level. The magazine published every year on a particular theme like 'Kshitij- Journey towards infinity', 'Kunj-The Shades of Life', 'Kshan: The Moment Defining fraction of life' and 'Aarambh: The Dawn of a new era' etc. This magazine inculcates creativity, novelty and scope for development in present times and inspires the students to take up new challenges in future. The students participate in intercollegiate FIRODIYA and PURUSHOTTAM Drama competitions and social events like SKIT, NSS and PRAYAS, etc. Our 'Pathnatya' street play team presented awareness camp on social and current issues and grabbed prize at district and state level competition. Some of the students of NSS team from our college has achieved great success and represented the institute at international level delegation camp at China and South Korea, participated in National level Republic day parade and state level camps like leadership development, disaster management and social and cultural competitions. PRAYAS is a nonprofitable "Youth forum and social awareness foundation" which promotes and supports educational and development efforts in rural India. In this forum students work for the enhancement of computer literacy, Vedic mathematics, carrier guidance, and organization of camps like blood donation, tree plantations drives, sports competition, free health and dental checkup camps etc. The college organizes technical competition namely TECHTONIC & cultural event namely SINHGAD KARANDAK. It is a flagship event of cultural and sport extravaganza organized every year. This event enhance the creativity among students like modeling, analyzing, organizing, interpersonal, acting, singing, dancing, playing instruments and managerial skills etc. "Marathi Din" is celebrated at college.

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

The Institute is affiliated to Savitribai Phule Pune University. The syllabus - curriculum is prepared by the University and institute follows it strictly. The faculty members of various departments participate and contribute in the process of syllabus framing. The valuable inputs are given by these faculty members in the framing of curriculum. All the courses mentioned under curriculum of a particular department have Program Educational Objectives (PEOs),

Program Outcomes (POs) and Program Specific Outcomes (PSOs) as per the norms and guidelines of statutory regulatory bodies. The dissemination of these POs and PSOs to the teachers, students and various stake holders is done through institute Website, Student/Faculty notice boards, Laboratory notice boards, Posters in corridors, administrative areas, Laboratory manuals, Project work book, Conference proceedings, brochures of FDP/STTP, Department News Bulletin, Faculty Course files, etc. All the courses are defined with course objectives and course outcomes and the same is discussed with the students by the faculty. The outcomes of all the courses are mapped with POs and PEOs at the end of the semester by all the departments in order to make improvements in teaching-learning process in subsequent semester. The institute organizes Hackathon, Internet of Things challenge and Technical Design Competitions in addition to existing curriculum such as Project based learning, Mini Project, Seminar, Final Year Project and Internship in order to transform curriculum towards OBE

20.Distance education/online education:

The institute motivates students to get certification for Massive Open Online Courses (MOOCs), Coursera, NPTEL, Spoken Tutorial, IBM Skill Build, Distance learning IIRS Outreach Programs, Infosys campus connect etc. The Institute uses online platforms like Google Classroom, Microsoft Teams, etc. for effective classroom teaching. The e-learning material in the form of lecture notes, Videos, etc. are shared through said platforms. The institute has made Memorandum of understanding with Infosys Ltd. to provide online education in programming languages through

Extended Profile

1.Programme

1.1 627

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

File Description	Documents
Data Template	View File

2.Student

2.1 5467

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 599

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 1390

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 243

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 243

Number of sanctioned posts during the year

Extended Profile

1. Programme

1.1	627
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2. Student

2.1	5467
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	599
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	1390
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3. Academic

3.1	243
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2	243
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	64
Total number of Classrooms and Seminar halls	
4.2	974.46
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	1045
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Sinhgad College of Engineering is an unaided private Engineering College affiliated to Savitribai Phule Pune University Pune, and approved by AICTE, New Delhi. The college strictly adheres to the curriculum prescribed by SPPU.

Effective curriculum delivery is ensured through a transparent process as given below:

1. The semester of every academic year begins with adherence to the University Academic Calendar which ensures that academic activities are planned well in advance. The institutional academic calendar is prepared based on the university academic calendar for every semester with a balanced distribution of curricular, co-curricular and extra-curricular activities.

2. The teaching load distribution is done before the start of the semester. A comprehensive objective-driven teaching plan, course file, laboratory manuals, and PPT are prepared by the subject teachers.
3. Faculty motivated to attend FDP, workshops, and syllabus discussion/implementation workshops conducted at different institutes at the university level.
4. Periodic review of the teaching-learning process is taken in the form of syllabus completion reports, systematic internal examination process, guest lectures, seminars, internships, and projects to add impetus to the Teaching-Learning process.
5. The institute encourages the faculty and students to complete certification from different online courses like Coursera, and NPTEL.

The academic progress, grievances, and stakeholder's feedback are taken periodically

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://scoe.sinhgad.edu/NAAC/SCOE/Criteria/1.1.1_Additional_Link.pdf

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

The Semester of every academic year begins with adherence to the University Academic Calendar which ensures that Academic activities are planned well in advance.

1. The departmental calendar clearly mentions test, mock practical test along with practical and project submission schedules.
2. The question bank and solutions are shared with the students before test conduction.
3. The evaluation criteria for mock practical tests are conveyed to the students so as to prepare and perform well.
4. An academic monitoring committee ensures that all academic activities are carried out on a regular basis so as to enhance the academic results of the students.
5. A teacher guardian scheme is in place which is judicious enough so that the batch of students assigned to a faculty

member is monitored closely for achieving enhanced academic performance.

6. All types of evaluation sheets are finally compiled into a term work evaluation sheet which ensures that the students get the marks they deserve based on their academic performance for the semester.
7. In case of any last minute deviations in the given academic schedule by the university, due to unforeseen circumstances, the institution adopts the revised schedule.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://scoe.sinhgad.edu/NAAC/SCOE/Criteria/1.1.2 Additional Link.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.

Academic council/BoS of Affiliating University

Setting of question papers for UG/PG programs

Design and Development of Curriculum for Add on/ certificate/ Diploma Courses

Assessment /evaluation process of the affiliating University

A. All of the above

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

1.2 - Academic Flexibility

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

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

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
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)

16

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	No File Uploaded

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

3377

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	No File Uploaded

1.3 - Curriculum Enrichment

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

All of the aforementioned topics are covered in the current curriculum through audit, elective, and core courses.

Courses to address Professional Ethics and Human Values:

The courses to address Professional Ethics and Human Values, which

are offered as mandatory audit courses for almost all programs, are: Emotional Intelligence; Human Behavior; Globalization and Culture; Principles of Human Resource Management; Business Ethics; Professional Ethics and Etiquette; Code of Conduct; Humanity & Social Sciences; Social Awareness Governance Program; Introduction to Constitution etc.

Courses to address Environment and Sustainability:

The first year of the B.E. degree includes a required audit course on "Environmental Studies" in both semesters. Furthermore, the university has integrated mandatory audit courses into all programs, including Water Management, Ecology and Environment, Ecology and Society, Science-Technology and Society, Green Construction and Design, Smart Cities, Sustainable Energy Systems, Energy Resources, Economics and Environment, Non-Conventional Energy Resources, Green Computing, Sustainable energy systems, Urbanization and Environment, Environmental & Resource Economics, Environment and Development. There are core and elective courses such as Environmental Biotechnology, Bioenergy Renewable Resources, Environmental Engineering, Water Supply Engineering, Energy Audit Management, Energy engineering, etc. which addresses the Environment and sustainability issues. Students learn Human values, Ethics, Environment, Gender awareness through the NSS activities.

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

53

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	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

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

8214

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://scoe.sinhgad.edu/NAAC/SCOE/Criteria1/1_4_1_Final_1.pdf ; https://scoe.sinhgad.edu/NAAC/SCOE/Criteria1/1.4.1_Final_2.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
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	No File Uploaded
URL for feedback report	https://scoe.sinhgad.edu/NAAC/SCOE/Criteria1/1.4.2_Final.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

1144

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

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

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

625

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

2.2 - Catering to Student Diversity

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

The students are being assessed through the internal as well as external assessment criteria systematically. However, it is realized that every student is different and everyone has different capabilities. Such students are classified as slow learners and advanced learners.

These students are identified through various parameters such as -

- Continuous assessments
- Attendance /regularity
- University results
- Discretion of teacher based on live teaching
- Regular assignments and tests

Once such slow learner students are identified, they are taken care specially through various well supported efforts. These efforts are -

- Remedial/extra classes and practicals
- Assignments
- Counseling & motivation by subject teachers, class teachers and guardian teachers

- Communication with parents

Similarly, the advanced learners are well supported through various techniques below -

- Prepare for global certifications
- Participate in value added training programs
- Help in getting Industry sponsored projects, internships
- Enroll in Research and e-learning material like Course-era, NPTEL etc.
- Motivation to pursue higher studies and research through GATE, CAT/GRE and other examinations.
- Motivation for Paper presentations, workshops and conferences
- Organization and Participation in departmental/Institutional events
- Promotion in co-curricular and extracurricular activities and competitions.

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
5467	243

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 development of the students in multiple dimensions is necessary in professional engineering education. With this view, alongwith the traditional teaching-learning methods, the Institute provides innovative student centric activities. Various events, efforts taken in this direction are listed below -

1. Various Competitions
2. Internships in Industries
3. Various Students' Chapters and Clubs
4. Industrial visits
5. Technical events
6. Workshops /Seminars
7. Exposure to Virtual Lab environment through tie-up with IIT Bombay
8. IIT spoken tutorials, NPTEL, etc.
9. Students Training Programs (STP)
10. Project Based Learning (PBL)

The experiential as well as participative learning takes place effectively in Industries. Internship is one of such activities. Students complete internships in various private, government industries successfully.

Industry personnel are invited for delivery of expert sessions, workshops, seminars.

The Institute has liaison with IIT Bombay in context with Virtual laboratory and through Spoken Tutorials. Students also undergo various courses organized by NPTEL.

Project Based Learning (PBL) activities are carried out by the Institute. These activities are proven very useful in enhancing the systematic - problem solving ability.

Students Training Programme (STP) is the programme executed by the Institute with the aim of enhancement in employability of the students.

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 enhance the learning experience of the students, recent educational methodologies, ICT is used by faculty members to make teaching learning a joyful experience.

- For all the programs, the institute has ICT enabled classrooms.
- The institute encourages the faculty members to use these recent teaching tools like Power Point Presentations (PPTs), related videos, animations, free online resources etc.
- Virtual laboratories and free online tools such as Compilers, SCILAB, AutoCAD, etc.
- The institute has seminar halls for all the programs and also has auditorium equipped with multimedia facilities.
- Swayam/NPTEL/MOOC, Virtual laboratory, SPOKEN TUTORIAL-IIT Bombay, such online resources are made available to the students. .
- Google / Microsoft platform were effectively used to upload video lectures, e-books/e material, assignments, practical submissions and online MCQ tests.
- Faculty members use social media platforms like WhatsApp and Telegram to connect with the students and parents.

All these multimedia aids make the learning experience of students' interactive, effective and enjoyable.

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

243

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

243

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

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

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

58

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

1998

File Description	Documents
Any additional information	View File
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 students undergo Internal and external assessments by well set process. These assessments are carried out timely and transparently. The internal assessment is carried out with various tools such as :

- Assignments/Class test/Mock test
- Tutorials
- Understanding of lab experiments
- Project evaluation

- Mini project evaluation
- Quiz
- Term work Assessment
- Project based learning

Continuous internal assessment of the students is carried out by assigning appropriate weight-age to understanding of experiments, presentation in file/journal, regularity in the laboratories, etc. This assessment is transparent and carried out in presence of the students in the laboratories.

Internal assessment of the project work of final year students is also carried out throughout the academic year periodically

Mini project is part of programme in various departments. It is complete term activity spread throughout the semester. The exhibition cum demonstrations is organized at the end of the term.

Assignments and tutorials are the important components of internal assessment process. Quizzes are also organized by many faculties for various courses to maintain enthusiasm in the learning environment.

Class tests and Mock tests are organized by the programmes throughout the academic year. Normally, two class tests are organized per course per semester.

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

- Term work assessment is the transparent process. The students are evaluated by faculty in the laboratory itself. The grievance if any is resolved by faculty immediately.

- Class tests are conducted for each theory course twice per semester. Discrepancy or grievance if any is resolved by the faculty and respective committee immediately.
- Internal assessment of the project work of final year students is carried out throughout the academic year periodically. Query if any is resolved by the guide, panel & respective coordinator.
- When the University examinations are scheduled, sometimes students face difficulties and there are registered complaints at various stages accordingly.
- Examination form fill - up and payment of fee process is online. Sometimes students get stuck in the process. In such cases, students report to the examination section and get his/her difficulty solved.
- There are few complaints reported pertaining to the Hall - Ticket. These are also resolved by the office timely.
- When the students appear for examinations and the results are declared by the University, there are few cases of variation in the names, results etc. Such cases are resolved by the Institute through communication with the University.

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.

Engineering and management programmes follow the defined program outcomes (POs). For all the programs, POs, Programme Specific Outcomes (PSOs), and Course Outcomes (COs) have been articulated.

POs signify the graduate attributes (GA) whereas PSOs are specifically defined outcomes of the programme which the learners attain at the end of the programme. The dissemination of these POs

and PSOs is done through

1. Institute Website
2. Student/ Faculty notice boards
3. Laboratory notice boards
4. Posters in corridors in each department, administrative areas
5. Laboratory manuals
6. Project work book
7. Conference proceedings
8. Various activities like FDP/STTP/etc. brochures
9. Department News Bulletin
10. Faculty Course files
11. Through various feedback forms

COs describe the fundamental knowledge skill set about the course that student will be able to acquire at the end of a course. University provides the semester wise syllabus for each programme. For many courses COs are defined by the University. The mapping of COs with POs and PSOs is done for every course, as COs are the path way to attain POs and PSOs and thereby the Mission and Vision of the institute.

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.

For any outcome based system, achieving the attainment level of

the POs, PSOs, and COs is a key parameter. The following methods are used to assess the attainment of course outcomes.

The assessment of CO comprises direct and indirect attainment.

The direct attainment is calculated from Continuous Evaluation mostly known as Internal Examination Evaluation and External Evaluation .The internal evaluation assessment is obtained from the internal class tests, assignments and term work marks whichever is applicable. The external evaluation assessment is acquired from the University conducted In-Semester, End-Semester examination and practical/oral. For attainment evaluation, targets are set. Target levels are decided based on average results of past In-Semester & End-Semester examinations. The direct CO attainment is calculated from 20% of Continuous Evaluation + 80% of External Evaluation.

Indirect attainment is calculated based on Course feedback.

The overall CO attainment is obtained from 80% of Direct CO attainment + 20% of Indirect CO Attainment.

From CO-PO mapping values and CO attainments, Direct PO attainments are computed. Again indirect PO attainment is calculated from various stakeholders' feedbacks. The overall PO attainment is obtained from 80% of Direct PO attainment + 20% of Indirect PO Attainment.

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

1390

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

https://cms.sinhgad.edu/media/546943/scoe_sss_2022_23.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

30.6

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

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

3.1.2.1 - Number of teachers recognized as research guides

19

File Description	Documents
Any additional information	No File Uploaded
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

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

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

The institute has created a suitable environment to promote innovation, explore new ideas and share the knowledge to other likeminded in their interested domain for graduate, post graduate and Ph.D. students. As a part of this, the institute has R&D, Entrepreneurship cell through which students are encouraged to participate in different research activities. Workshops on Entrepreneurship, Research Methodology and Intellectual Property Rights are conducted to provide the base for researchers. As part of innovation, R&D cell encourages students and faculties for nurturing innovative ideas The R&D cell helps in identifying multidisciplinary innovative topics related to different engineering and management programs. The teaching-learning process at the institute is based on choice-based credit system of the University. It helps and motivate the students to do theme-based research projects which in turn make the students to have innovative knowledge helpful to the industry and society. Students are made aware about various research funding schemes of

Government, AICTE, DST, SPP University. Regular industrial visits for the students are arranged.

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

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

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

66

File Description	Documents
Report of the event	View File
Any additional information	View File
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

3

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

183

File Description	Documents
Any additional information	View File
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

47

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

The basic objective of the extension activities is to create social awareness among the students. There is a number of activities that come under the diversified social issues. Any activity which contributes to the development of society assists in the overall development of the skills of the students who participate. A sense of togetherness is developed among the students which are essential to maintain the integrity of the society. With technological developments majority of the work is done at the fingertips, extension activities bring the students together to contribute to the social activities and develop abilities to work as a team. The same teamwork is essential when he/she becomes part of any big organization while pursuing his/her professional goal. Many technical projects have considerable impact on the social development, participation of students in the extension activities helps them to successfully execute the technical projects. The extension activities help is spreading

awareness about the activity and motivates peoples of the society to participate for the betterment of the society. These activities provide a platform for the students to communicate with the people from various sections of the society, effective communication is very much essential for every individual when he/she moves ahead in their individual life.

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

4

File Description	Documents
Any additional information	View File
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

19

File Description	Documents
Reports of the event organized	View File
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

1196

File Description	Documents
Report of the event	View File
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

985

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

27

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
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.

Institute situated in beautiful landscape and have well equipped laboratories, spacious classrooms and good infrastructure facilities

Teaching-Learning Facilities

1. Classrooms: furnished with LCD Projector, LAN/Wi-Fi connectivity, capacious and well ventilated.

2. Laboratories: with adequate experimental set-ups as per the University syllabus.

3. Computing Equipment: 1046 no. of computers with licensed software installed with supporting peripherals

4. Departmental Library: Access to text books, reference books and project reports etc.

5. Central Workshop : equipped with sufficient no of machines tools.

6. Drawing Hall : equipped with drawing boards, stools, chalk boards.

7. Central Library: enriched with 56,219 books, 14,989 titles of various current as well as syllabi-based books of all disciplines .

8. Training and Placement Cell: for conducting various T&P activities

9. Faculty Rooms : equipped with the required furniture along with LAN connection.

10. Washroom and Drinking Water Facility: Adequate Gents and Ladies washrooms are available in departments with water purification and cooling facility.

11. Hostel Facility: 11 no. of boys hostel with capacity of 4224 out of which one is for NRI students and 09 girls hostel with capacity of 3476.

12. Other Facilities: Canteen facility, Photocopy center, Laundry, Bank, ATM, Post office are available.

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 institute encourages and provides infrastructural facility for the students to participate in several extra-curricular activities

1. Cultural Activities

- Sinhgad Cultural Center (Open Air theatre) having ample space with Dias, Chairs, Lights, fans, LCD Projector and 1500 seating capacity for audience.
- Under the banner of 'Sinhgad Karandak', annual Cultural fest- NEON and Techfest- Tectonic are arranged every year.
- The institute has Sinhgad Students Club, wherein a basket of 18 clubs are made available to the students to enhances

their talents

1. Sports and Games: Facilities for outdoor sports include cricket, lawn tennis and indoor sports include table tennis, carom board, chess and swimming Pool.
2. Yoga Center: To conduct Yoga and meditation session
3. Medical facility: Campus clinic, Dental Hospital and Medical Store.
4. Other Facility
 - General Stores.
 - Fruit Centre, Milk Parlor
 - Parlor
 - Power Backup /Generator
 - Central Water Pump House
 - Parking Facility

Ambulance

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.

64

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)

974.46

File Description	Documents
Upload any additional information	View File
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 Central Library has a floor area of 1911m² in total, with a reading hall of 1145 m² to accommodate 1000 students. The library has a digital library, Web OPAC, reprographics, scanning, and access to DELNET, and NDLI facilities.

The library is automated by software Koha with a perpetual license. It is web-based full- featured MARC multilingual Integrated Library System to cater to the automation needs of medium to large libraries around the world.

KOHA Module :

1. Circulation Module Helps in all counter transactions as well as Library books, periodical transaction activities.
1. Cataloguing Module: Contains the bibliographic record of the main information related to the library material and stored in Koha in Marc.
2. Patron Module: Helps not only manages individual borrowers, but also institutions as patron.
3. Serial Module: : Entries of Printed periodicals and journals and it gives reminders for the non-received issue.
4. Advanced Search Module: Help to search library's database.
5. Acquisition Module: Book Purchase orders can be placed through this module.
6. Report Module: To generate various reports such as, circulation ,Accession Register etc
7. OPAC :Helps to users anywhere ,anytime availability library material.

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	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

0.1411

File Description	Documents
Any additional information	View File
Audited statements of accounts	No File Uploaded
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

108

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

IT infrastructure facilities are created taking into consideration the requirements of all the stakeholders.

- Institute is having a Campus agreement with Microsoft for the last twelve years, for the up-gradation of the Windows Operating System and Microsoft Application Soft ware. The infrastructure and application support are regularly updated to meet the ever-changing needs of the syllabus.
- The institute has a 24x7 Wi-Fi facility on the campus for the student and faculty members to avail of internet connection at any place in the college and hostel. The Internet Bandwidth of 250 Mbps of TCL and 300 Mbps of BSNL is available for the institute.
- Licensed UTM having the facility of firewall, web content filtering, gateway antivirus, VPN, bandwidth shaping, and VLAN routing is available with the institute.
- Institute is having a biometric machine for taking attendance of faculty and staff members.
- The institute currently using POD.Ai software for student placement.
- At the Institute level, two main platforms are available to communicate with students namely, Facebook (<https://www.facebook.com/theofficialscoe>) and YouTube (<https://www.youtube.com/@Sinhgad College of Engineering>).

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

4.3.2 - Number of Computers

1045

File Description	Documents
Upload any additional information	View File
List of Computers	View File

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

File Description	Documents
Upload any additional Information	View File
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)

233.32

File Description	Documents
Upload any additional information	View File
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 following maintenance activities are carried out at Department and College Level

1. Classrooms, Seminar Hall and Tutorial Rooms: Repair work of the classroom, seminar hall, and tutorial rooms is done internally through instructor and electricians whereas rooms are cleaned by peons

2. Central Library: Is maintained and each section in it is taken care of by an assigned person for cleanliness, Book Stacks and books are weeded out as per the norms and procedures laid down by the society.

3. Laboratory Equipment: The faculty in charge and the technical assistant look after the maintenance and calibration of each laboratory.

4. IT infrastructure: All the computers and peripherals are checked by the technical assistant for any problems.

The following maintenance activities are carried out at the Campus Estate office level

1. Civil Work Maintenance :
2. Garden Maintenance :
3. Furniture Maintenance:
4. Electrical Maintenance :
5. Water Treatment Plant:
6. Paste control and Sanitization
7. Fire Extinguisher and Safety:
8. Sewage Treatment Plant:
9. Garbage Collection:
10. Water Supply from Canal:

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

4748

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
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

79

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

A. All of the above

File Description	Documents
Link to Institutional website	http://scoe.sinhgad.edu/naac/naac-ssr/capa-city-building-and-skill-enhancement-initiatives.aspx
Any additional information	View File
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

668

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

668

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

570

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

62

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
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

90

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
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.

16

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
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 student representatives in many of the academic and administrative bodies/committees of the institution for effective functioning of the same.

1. Student Council:

The institute has the Sinhgad Student Council (SSC) which is a student association with a perfect blend of clubs to produce competent students to face the newer challenges of today's globalized world through holistic development.

2. Student Grievance Redressal Cell:

The institute has a Student Grievance Redressal Cell in every department comprising of Head of department, Faculty members and student representatives.

3. Sexual harassment cell:

The institute has Sexual harassment cell comprising of Principal, woman faculty and students. The cell resolves the issues by taking proper disciplinary actions.

4. Antiragging committee:

The institute has an antiragging committee and squad comprising of Principal, faculty members, Student representatives, Police Officer and NGO representative which takes preventive actions to avoid ragging.

5. National Social Service:

NSS advisory committee is formed under the Chairmanship of Principal and this committee consists of Vice Principal, NSS Programme Officer, Senior Faculty Members and Students Representative as members.

6. Magazine Committee:

The annual college magazine committee comprises one faculty member from each department headed by the Senior faculty as the chairman

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

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution

participated during the year (organized by the institution/other institutions)

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

9

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

The Institute has played a key role in transforming the careers of students into global technophiles, entrepreneurs, researchers, directors, and managers. In order to cultivate a bond with almmater, improve job opportunities, and create a networking platform to share and influence the success stories of alumni, the institute has started an alumni association on 06th December 2003. The registration number of the association is "Maharashtra /1494/2003/ Pune/Dec. 6, 2003." By the end of the academic year 2021, the alumni association had grown to 18,100 plus members and 200 entrepreneurs. The alumni association has established a strong bonding between alumni and current students. The Working committee of the Alumni Association consists of Students representatives and Faculty Coordinators from each department. At present the alumni association does not contribute financially to the development of the institute; however it helps in several support services by way of Training and placement, student projects and internship, higher education, expert and guest lectures, industrial visits and participation in different student clubs and social activities.

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

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

File Description	Documents
Upload any additional information	View File

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

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, and 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"

Transparency is maintained in administrative affairs of the college for unique work culture and an excellent academic environment for the betterment of students and faculty. The Vision and Mission is communicated to all the students, teachers, staff, and other stake holders by various means and also making it available to all the stakeholders. HoDs prepare academic plans and which are discussed and finalized in HoD meeting and monitored by Principal and IQAC Committee periodically for imbibing a unique value system, transparent work culture, excellent academic, creativity, and inculcation of human values.

The Teaching-Learning process is adopted with state-of-the-art infrastructure and classroom with ICT tools. Qualified and dedicated faculty takes efforts for betterment of students by participation in various activities. The action taken reports are prepared and appraised to all the concerned.

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 organizational structure of SCOE is a blend of professional autonomy, individual accountability, and a well-defined administrative structure. Within this overall framework, faculty members have autonomy in conducting their research, implementing contemporary teaching methods, training, and consultancy. The involvement of faculty members is seen in all aspects of academic and administrative activities. The Institute has 22+ institute level committees including statutory committees and about 70+ department-level committees

The teaching-learning process is monitored by the Academic Monitoring Committee of the department, which include senior faculty members. The HoD allocate course to the faculty and ensures that the academic calendar and timetable of the department are prepared by incorporating academic activities proposed by SPPU and IQAC. The Principal and HoD empower the AMC coordinators for monitoring and reporting on the academic conduction as per the plan. They monitor the daily conduction of lectures and practical and also prepare a report which will be communicated to the higher authority.

The Guardian Teacher system is implemented to address the academic and personal issues of about a batch of 20 students . The feedback is taken twice in a semester and analyzed and communicated to the concerned faculty member/s through HoDs for further corrective actions if any.

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

The institution strategically takes efforts to develop students through various capacity and skill enhancement initiatives, make them employable resulting in good placements. The institute has established and ensured the quality academic practices for excellence in teaching learning process. Information shared by stakeholders is utilized to improve quality of programs by conducting various Industry Institute Interaction activities. The institute is committed for overall development of students involving curricular, co and extra- curricular activities. This is achieved by ensuring participation of students in initiatives like:

1. Improvisation of soft skills through Student Training Program (STP)

The institute has implemented STP in every semester to enhance students' communication, language & soft skills. Different modules focus on Aptitude and logical reasoning, Personality & stress management, Behavioural, Listening, Speaking, Reading & Writing skills, Group Discussion, Personal Interview etc.

2. Learning through Value Added Programs

The institute conducts activities like guest lectures, certification courses via value-added programs, MOUs with industries for organizing workshops, guest lectures on upcoming trends and technologies in corporate world.

3. Perspective Plan

The Institution is in the process of SAR for accreditation by NBA

for different departments of the Institute. All the departments are following the guidelines of NBA with regards to Outcome Based Education.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	View File

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 institute has a well-established administrative setup. Due departmental representation is ensured at institute level committees. Some of the committees are listed below:

1. Anti-Ragging Committee
2. Website Committee
3. Grievance Redressal Committee
4. Internal Complaints Committee
5. Research Co-ordination Committee
6. Alumni Committee

The departments of the institute have departmental committees coordinated by faculty members and monitored by the Head of the Department for effective and efficient performance of the department. The service rules and regulations manual defines the duties and responsibilities and all other policies for various categories of employees. The institute has website which displays all the important information. It also has well defined policy for carrying out various consultancy and research projects.

The Chief Examination Officer (CEO) coordinates for university examinations and results, Chief Librarian for Central library, Dean for Training and Placement Office, rector and warden for boys' and girls' hostel and mess, Estate officer for regular maintenance of infrastructure facilities in the campus.

The institute's administrative department is headed by Registrar which includes establishment section, students section, scholarship section, examination section etc. The accounts department looks after financial aspects and financial audits of the institute.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	scoe.sinhgad.edu/NAAC/SCOE/Criteria6/6.2.2_Organogram_of_Sinhgad_College_of_Engineering.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	No File Uploaded
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

1. Personal/ General Welfare Schemes for all staff:

The institute has well defined rules for earned leave, medical leave and Maternity leave (180 days), EMBF. Campus has a clinic and an ambulance available 24x7. Medical treatment is provided at concessional rates at SKN Medical College & General Hospital and Sinhgad Dental College & Hospital for staff and their families.

The institute has Staff quarters and common facilities available in campus so that students need not to leave campus for service like nationalized bank, ATM, swimming pool, gymnasium, or any general need. There is availability of canteens and mess facility for students, teaching and non-teaching staff. There are security guards posted at institute and residential areas in campus. Pune Municipal Corporation bus facility is made available to students.

2. Welfare schemes for professional growth of teaching and Non-teaching staff:

The institute motivates and support faculty to pursue higher studies. The institute organizes Train the Trainer (TTT) programme to identify the areas of improvisation in course conduction and resource sharing. The Institute encourages and motivates the faculty to attend refresher course to upgrade domain knowledge and improve pedagogy skills. Faculty are inspired to develop interaction with industry and involve in research projects.

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

2

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

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

6.3.3.1 - Total number of professional development /administrative training Programmes

organized by the institution for teaching and non teaching staff during the year

5

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	View File
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

242

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
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 Institute has well established system for annual appraisal of

teaching and non-teaching staff. It consists of self-appraisal and appraisal by the reviewing officer.

1. Performance Appraisal System of the Teaching Staff

The appraisal form of teaching faculty consists of four parts covering Student Centric activities, Professional Development and Academic Contribution, Research Contribution and Assessment by the Head of Department and the Principal.

For evaluating performance of a professor more emphasis is given to research contribution whereas for assistant professor more emphasis is given to student centric activities.

After self-evaluation, it is submitted for remarks and endorsement by HoD. After final remarks by Principal the same is forwarded to the management.

2. Performance Appraisal System of the Non- Teaching Staff:

The performance-based appraisal system for non-teaching staff is in paper based format and it covers General information, officiating designation and Quality of work, Communication, Supervisory ability, Initiative and cooperation, Interpersonal relations. It has remarks by Head of Department followed by Principal's remarks.

The appraisal form of each staff is screened by the apex authority of society, and guidelines if any for improvement are informed to the concerned staff.

File Description	Documents
Paste link for additional information	scoe.sinhgad.edu/NAAC/SCOE/Criteria6/6.3.5_Institutes_Performance_Appraisal_Form.pdf
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 conducts transparent internal and external financial audits periodically. The internal financial audit of the Institute is entrusted to a committee of 3 or 4 accountants working with the STES along with the institute's accounts department.

All the documents are verified by the accounting officer, and any discrepancies are brought to the attention of the head of department for immediate rectification. The accounts department consolidates all the expenditures made in the financial year.

Every financial year, the external financial statutory audit is conducted by a chartered accountant. A comprehensive examination and verification of all the financial transactions are carried out. All observations and objections of the auditor are communicated through their report to the institute. These are examined by the Principal, the internal auditor, and the accounts department. The short comings in the auditor's report are addressed and rectified through compliance with necessary supporting documents within the stipulated time limits.

By complying with the necessary procedures and providing the required documentation within the prescribed timeframe, the organization demonstrates its commitment to auditing standards. This helps to maintain the credibility and reliability of the financial statements and ensures that any concerns raised by the auditor are appropriately resolved.

File Description	Documents
Paste link for additional information	scoe.sinhgad.edu/NAAC/SCOE/Criteria6/6.4.1_External Audit Report.pdf
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)

110000

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
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

Describe the resource mobilisation policy and procedures of the institution within a maximum of 200 words

The institute has an effective system at place to track how well the financial resources are being used. The financial budget for the academic year is prepared by considering all the possible income and expenditure.

Being a self-financed college, the primary source of income to the college comes from the fee paid by the students. Every year, the Fee Regulating Authority, Government of Maharashtra, approves the college fees after taking into account all of the institute's expenses, including the audit reports. The FRA-approved fees were maintained for the academic year 2021-2022 because there was no fee revision.

Various funding schemes of SPPU under QIP are utilized for organization of conferences, workshops, Purchase of examination and sports related equipments. Research funds are also received by the faculty members from ASPIRE, BCUD.

The Institute apply for various schemes of NSS and Student Welfare Department of SPPU and accordingly utilize the sanctioned funds for organizing various activities as per the norms of SPPU. These activities are likely aimed at promoting student welfare, community service, and overall development. It's important for the Institute to adhere to the norms and guidelines set forth by SPPU while utilizing these funds.

File Description	Documents
Paste link for additional information	scoe.sinhgad.edu/NAAC/SCOE/Criteria6/6.4.3_Institutional_strategies_for_mobilization_of_funds_and_optimal_utilization_of_resources.pdf
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 comprises of senior faculty and expert members from management, industry, research institutes, social organizations, etc. IQAC is instrumental for coordinating quality-related activities in the institute. As a result of IQAC initiative, the following two practices are institutionalized.

1. Strengthening Core and Inter-Disciplinary Research Among the Faculty and Students

In view of emerging trends in engineering and technology and the requirements of industry and their feedback, the IQAC encourages core and interdisciplinary research areas. Faculty and students are involved in in-disciplinary research such as developing robot, rocket, solar vehicle, application of ANN for evaporation prediction, etc.

2. e-Resources Usage and Development

The IQAC of the institute has encouraged teachers and students to register in various online courses like NPTEL. As a result, several faculty and students attended and were certified by the above agencies in various contemporary technological domain.

The institute is a nodal centre for Virtual lab (V-Lab) of IIT Bombay. This facility was utilized by the engineering departments during pandemic period and even now. Majority of the courses' practical are covered by way of virtual experimentation, modelling and simulation using V-Lab. Also, the faculty of the institute has developed and shared the e-content of the courses with the students on regular basis.

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

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

As per the directions of IQAC, Heads of the department give instructions to the teaching and other staff for improvements in teaching and learning process. The two examples of institutional reviews and implementation of teaching learning reforms facilitated by the IQAC are:

1.Strengthening of Programs by Utilizing Teaching and Learning Resources

The IQAC Cell of SCOE communicates guidelines for effective teaching learning process and learning outcomes. This helps in maintaining an incremental improvement in various activities. The identified gaps in the curriculum are filled up by promoting Guest lectures, internships, etc. The gaps are also bridged by introducing Skill development courses (Honors courses) and audit courses offered by Savitribai Phule Pune University to the students along with the regular curriculum for their overall development. The institute encourages faculty and students to enroll for courses like NPTEL etc.

2.Adapting Technology for Teaching Learning Process and Administrative Purpose

IQAC encourages use of audio-visual aids during lectures and guest lectures for distant resource person through platforms like MS Teams, Google meet, Zoom, etc. For administrative purpose, a mobile app is developed to pay the academic fees and examination fees. Examination forms are collected through Google forms generated by the examination section.

File Description	Documents
Paste link for additional information	scoe.sinhgad.edu/NAAC/SCOE/Criteria6/6.5.2_IQAC_Incremental%20Improvements_22_23.pdf
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)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://scoe.sinhgad.edu/NAAC/SCOE/Criteria6/6.5.3_Annual_Academic_Report_2022_23.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The Institute is a co-aid college. The management provides equal opportunities to all, irrespective of class, creed, gender etc. It is carried out in following ways:

- Special programs such as 'Celebration of International Women's Day', 'Awareness on Sexual Harassment', 'Health Awareness Program' "Celebration of Pakhwada for Awareness

About Sexual Harassment AtWorkplace" etc. are arranged by the institute.

- Institute provides equal opportunity for all to participate in administrative, co-curricular and extracurricular activities.
- The institute gives equal opportunities to boys and girlsto work as team leaders in various students' activities.
- Women grievances cell is formed and it functions separately for the benefit of the women employees and girl students.
- At present 40% of faculty members are women employees and 23% students are girl students in the institute.
- Girl students are encouraged to apply for different schemes / scholarships from various regulatory bodies, corporate and NGOs, etc.
- Three out of eleven heads of department are women. In addition, in all the institutional and departmental committees, women faculty members are assigned with important portfolios.
- The % of girl students getting placed is also very high.

The details can be found on the link below:

http://scoe.sinhgad.edu/NAAC/SCOE/Criteria7/7.1.1_Gender_Equity.pdf

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://scoe.sinhgad.edu/NAAC/SCOE/Criteria7/7.1.1_Gender_Equity.pdf

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

C. Any 2 of the above

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

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

- Liquid waste management:** The institute has a Sewage Treatment Plant of 275 KLD installed in the campus which caters for treatment of wastewater generated in the entire campus. The plant is well maintained by an outside agency through an Annual Maintenance Contract which is renewed periodically. The treated wastewater is recycled and reused for gardening purpose. Recycle and reuse of wastewater has resulted in reduced dependency on fresh water. The urinals in few of the departments are converted into waterless urinals thus resulting in huge saving of fresh water. Support staff looking after cleaning of these urinals are trained for proper usage of the system.
- Biomedical waste management:** Biomedical waste collected in the campus is disposed-off through a mechanism set by Sinhgad Dental College & Hospital located in the campus.
- E-waste management:** Keeping in mind the global hazards of electronic waste, Institute has set up a mechanism for removal of E-waste and scrap.
- Waste recycling system:** Waste water recycling is practiced in the institute as mentioned above. Emphasis is given on use of one side papers for internal communication. Other scrap is given to an outside agency with whom an MoU has been signed.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
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 C. Any 2 of the above

**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	No File Uploaded
Any other relevant information	View File

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

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	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

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

D. Any 1 of the above

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	No File Uploaded
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 has diversified people from all religions and casts of the society and celebrates all programs and festivals of national importance of all religions. In order to inculcate unity in diversity concept, linguistic days such as Marathi Bhasha Din etc are celebrated in the Institute. The students as well as

faculty members get an opportunity through NSS PRAYAS as well as while working with NGOs like Rotary ClubPune to know about various socio economic issues including women empowerment, water conservation, importance of environmental conservation. Various festivals such as Ganeshotsasv, Navaratri etc. are celebrated in the Institute. All students, faculty members, non teaching staff participate in these activities. This also helps develop harmony and symbiotic relationship amongst all. Furthermore,

Institute organizes cultural programs for all the students and its planning and execution is done by students. The students are encouraged to participate in various cultural events and competitions at a national level events.

Sinhgad Institutes organises an eventcalled "Sinhgad Karandak" , a national level event. The events consist of Singing, Dancing, Fashion Show, Street Play, Mr. and Miss. Sinhgad.Traditional Day is celebrated at Institute to showcase traditions of different cultures of India from where the student comes.

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

Institute undertakes different initiatives by organizing various activities to sensitize students and employees to the constitutional obligation: Values, Rights, Duties and responsibilities of the citizens.

Constitution Day is celebrated on 26th November at the institute. As per the Constitutional resolution, Indians have resolved the country into a Sovereign Socialist Secular Democratic Republic country and assures security to all its citizens. The information about Justice, Liberty and Equality is disseminated amongst the participants. The fundamental rights, Duties, Values and responsibilities of citizens as stated in the Constitution of India are brought to the notice of all concerned. Our constitution provides for human dignity, equality, social justice, Human rights and freedom, Rule of law, equity and respect and superiority of

constitution in life. Whole country is governed on the basis of the rights and duties preserved in the Constitution of India. SPPU has introduced two compulsory Audit Courses; one at First Year UG level named Democracy, Election and Governance for all engineering disciplines and another for all PG Programs named "Introduction to Constitution:. Objective of these two courses is to create awareness and sensitize the students and employees to constitution obligations.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://scoe.sinhgad.edu/NAAC/SCOE/Criteria7/7.1.9_Sensitisation_To_Constitutional_Obligations.pdf
Any other relevant information	Nil

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

4. Annual awareness programmes on Code of Conduct are organized

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

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

http://scoe.sinhgad.edu/NAAC/SCOE/Criteria7/7.1.11_Celebration_Of_Commemorative_Days.pdf

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	No File Uploaded
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.

Title of the Practice 1: Students' Training Program (STP) to enhance employability skills

Objectives of the Practice: The objectives of the STP are:

- ? To enhance the employability opportunity.
- ? To prepare students for entrepreneurship
- ? To prepare students for higher education

The Context:

The Institute has a strong liaison with the industries. The training and placement wing of the Institute has identified the industry requirements and based on recommendations received, has started an exhaustive programme under STP which caters for the Industry requirements to make the students industry ready.

Best Practices II: Introduction of Virtual Lab (VLab), IIT Bombay

Objective:

This practice has been introduced in all the departments of the. We have continued with the VLab facility post pandemic and the students have got benefited out of that. This situation has opened new doors for use of the latest technologies for disseminating the knowledge to the students in higher educational institutes. The advantages of VLab are summarised as follows:

1. Remote access to simulation based labs in various disciplines is possible.
2. Opportunity for possibility of designing simulation based experimentations.
3. To extend the existing lab facilities for better understanding of the experimentation.

File Description	Documents
Best practices in the Institutional website	https://scoe.sinhgad.edu/NAAC/SCOE/Criteria7/7.2.1_Best_Practices..pdf
Any other relevant information	Nil

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

All-inclusive Campus and Policies for Overall Development of students:

Sinhgad College of Engineering under the aegis of Sinhgad Technical Education Society (STES) is affiliated to Savitribai Phule Pune University. It is recognised as one of the renowned institutions, not only in Maharashtra but also in India and outside India. The college has been fetching admissions across the country as well from other countries like Afghanistan and many African and Gulf countries. All-inclusive campus and favourable policies for overall development of students is the peculiarity of the college. All day-to-day facilities required for the students and faculty are available in the campus and the details are as follows:

? Academic infrastructure

? Excellent Hostel Facility

? Central Library

? Mess and Cafeteria

? Other Ancillary facilities.

? Staff Quarters

? Special Efforts for student mentoring

? Strong Training and Placement Cell

? MoUs with Industries

? Co-Curricular and Extra-Curricular Activities

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

Sinhgad College of Engineering is an unaided private Engineering College affiliated to Savitribai Phule Pune University Pune, and approved by AICTE, New Delhi. The college strictly adheres to the curriculum prescribed by SPPU.

Effective curriculum delivery is ensured through a transparent process as given below:

1. The semester of every academic year begins with adherence to the University Academic Calendar which ensures that academic activities are planned well in advance. The institutional academic calendar is prepared based on the university academic calendar for every semester with a balanced distribution of curricular, co-curricular and extra-curricular activities.
2. The teaching load distribution is done before the start of the semester. A comprehensive objective-driven teaching plan, course file, laboratory manuals, and PPT are prepared by the subject teachers.
3. Faculty motivated to attend FDP, workshops, and syllabus discussion/implementation workshops conducted at different institutes at the university level.
4. Periodic review of the teaching-learning process is taken in the form of syllabus completion reports, systematic internal examination process, guest lectures, seminars, internships, and projects to add impetus to the Teaching-Learning process.
5. The institute encourages the faculty and students to complete certification from different online courses like Coursera, and NPTEL.

The academic progress, grievances, and stakeholder's feedback are taken periodically

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://scoe.sinhgad.edu/NAAC/SCOE/Criteria1/1.1.1_Additional_Link.pdf

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

The Semester of every academic year begins with adherence to the University Academic Calendar which ensures that Academic activities are planned well in advance.

1. The departmental calendar clearly mentions test, mock practical test along with practical and project submission schedules.
2. The question bank and solutions are shared with the students before test conduction.
3. The evaluation criteria for mock practical tests are conveyed to the students so as to prepare and perform well.
4. An academic monitoring committee ensures that all academic activities are carried out on a regular basis so as to enhance the academic results of the students.
5. A teacher guardian scheme is in place which is judicious enough so that the batch of students assigned to a faculty member is monitored closely for achieving enhanced academic performance.
6. All types of evaluation sheets are finally compiled into a term work evaluation sheet which ensures that the students get the marks they deserve based on their academic performance for the semester.
7. In case of any last minute deviations in the given academic schedule by the university, due to unforeseen circumstances, the institution adopts the revised schedule.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://scoe.sinhgad.edu/NAAC/SCOE/Criteria1/1.1.2_Additional_Link.pdf

<p>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</p>	<p>A. All of the above</p>
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File Description	Documents
<p>Details of participation of teachers in various bodies/activities provided as a response to the metric</p>	<p>View File</p>
<p>Any additional information</p>	<p>View File</p>

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

17

File Description	Documents
<p>Any additional information</p>	<p>View File</p>
<p>Minutes of relevant Academic Council/ BOS meetings</p>	<p>No File Uploaded</p>
<p>Institutional data in prescribed format (Data Template)</p>	<p>View File</p>

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)

16

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	No File Uploaded

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

3377

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	No File Uploaded

1.3 - Curriculum Enrichment

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

All of the aforementioned topics are covered in the current curriculum through audit, elective, and core courses.

Courses to address Professional Ethics and Human Values:

The courses to address Professional Ethics and Human Values, which are offered as mandatory audit courses for almost all programs, are: Emotional Intelligence; Human Behavior; Globalization and Culture; Principles of Human Resource Management; Business Ethics; Professional Ethics and Etiquette; Code of Conduct; Humanity & Social Sciences; Social Awareness Governance Program; Introduction to Constitution etc.

Courses to address Environment and Sustainability:

The first year of the B.E. degree includes a required audit course on "Environmental Studies" in both semesters. Furthermore, the university has integrated mandatory audit courses into all programs, including Water Management, Ecology and Environment, Ecology and Society, Science-Technology and Society, Green Construction and Design, Smart Cities,

Sustainable Energy Systems, Energy Resources, Economics and Environment, Non-Conventional Energy Resources, Green Computing, Sustainable energy systems, Urbanization and Environment, Environmental & Resource Economics, Environment and Development. There are core and elective courses such as Environmental Biotechnology, Bioenergy Renewable Resources, Environmental Engineering, Water Supply Engineering, Energy Audit Management, Energy engineering, etc. which addresses the Environment and sustainability issues. Students learn Human values, Ethics, Environment, Gender awareness through the NSS activities.

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

53

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	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

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

8214

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://scoe.sinhgad.edu/NAAC/SCOE/Criterial/1_4_1_Final_1.pdf ; https://scoe.sinhgad.edu/NAAC/SCOE/Criterial/1.4.1_Final_2.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
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	No File Uploaded
URL for feedback report	https://scoe.sinhgad.edu/NAAC/SCOE/Criterial/1.4.2_Final.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment Number Number of students admitted during the year	
2.1.1.1 - Number of students admitted during the year	
1144	
File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File
2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)	
2.1.2.1 - Number of actual students admitted from the reserved categories during the year	
625	
File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File
2.2 - Catering to Student Diversity	
2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners	
<p>The students are being assessed through the internal as well as external assessment criteria systematically. However, it is realized that every student is different and everyone has different capabilities. Such students are classified as slow learners and advanced learners.</p> <p>These students are identified through various parameters such as -</p> <ul style="list-style-type: none"> • Continuous assessments • Attendance /regularity • University results 	

- Discretion of teacher based on live teaching
- Regular assignments and tests

Once such slow learner students are identified, they are taken care specially through various well supported efforts. These efforts are -

- Remedial/extra classes and practicals
- Assignments
- Counseling & motivation by subject teachers, class teachers and guardian teachers
- Communication with parents

Similarly, the advanced learners are well supported through various techniques below -

- Prepare for global certifications
- Participate in value added training programs
- Help in getting Industry sponsored projects, internships
- Enroll in Research and e-learning material like Course-era, NPTEL etc.
- Motivation to pursue higher studies and research through GATE, CAT/GRE and other examinations.
- Motivation for Paper presentations, workshops and conferences
- Organization and Participation in departmental/Institutional events
- Promotion in co-curricular and extracurricular activities and competitions.

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
5467	243

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 development of the students in multiple dimensions is necessary in professional engineering education. With this view, alongwith the traditional teaching-learning methods, the Institute provides innovative student centric activities. Various events, efforts taken in this direction are listed below -

1. Various Competitions
2. Internships in Industries
3. Various Students' Chapters and Clubs
4. Industrial visits
5. Technical events
6. Workshops /Seminars
7. Exposure to Virtual Lab environment through tie-up with IIT Bombay
8. IIT spoken tutorials, NPTEL, etc.
9. Students Training Programs (STP)

10. Project Based Learning (PBL)

The experiential as well as participative learning takes place effectively in Industries. Internship is one of such activities. Students complete internships in various private, government industries successfully.

Industry personnel are invited for delivery of expert sessions, workshops, seminars.

The Institute has liaison with IIT Bombay in context with Virtual laboratory and through Spoken Tutorials. Students also undergo various courses organized by NPTEL.

Project Based Learning (PBL) activities are carried out by the Institute. These activities are proven very useful in enhancing the systematic - problem solving ability.

Students Training Programme (STP) is the programme executed by the Institute with the aim of enhancement in employability of the students.

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 enhance the learning experience of the students, recent educational methodologies, ICT is used by faculty members to make teaching learning a joyful experience.

- For all the programs, the institute has ICT enabled classrooms.
- The institute encourages the faculty members to use these recent teaching tools like Power Point Presentations (PPTs), related videos, animations, free online resources etc.

- Virtual laboratories and free online tools such as Compilers, SCILAB, AutoCAD, etc.
- The institute has seminar halls for all the programs and also has auditorium equipped with multimedia facilities.
- Swayam/NPTEL/MOOC, Virtual laboratory, SPOKEN TUTORIAL-IIT Bombay, such online resources are made available to the students. .
- Google / Microsoft platform were effectively used to upload video lectures, e-books/e material, assignments, practical submissions and online MCQ tests.
- Faculty members use social media platforms like WhatsApp and Telegram to connect with the students and parents.

All these multimedia aids make the learning experience of students' interactive, effective and enjoyable.

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

243

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	
243	
File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File
2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)	
2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year	
58	
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	
1998	
File Description	Documents
Any additional information	View File
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 students undergo Internal and external assessments by well set process. These assessments are carried out timely and transparently. The internal assessment is carried out with various tools such as :

- Assignments/Class test/Mock test
- Tutorials
- Understanding of lab experiments
- Project evaluation
- Mini project evaluation
- Quiz
- Term work Assessment
- Project based learning

Continuous internal assessment of the students is carried out by assigning appropriate weight-age to understanding of experiments, presentation in file/journal, regularity in the laboratories, etc. This assessment is transparent and carried out in presence of the students in the laboratories.

Internal assessment of the project work of final year students is also carried out throughout the academic year periodically

Mini project is part of programme in various departments. It is complete term activity spread throughout the semester. The exhibition cum demonstrations is organized at the end of the term.

Assignments and tutorials are the important components of internal assessment process. Quizzes are also organized by many faculties for various courses to maintain enthusiasm in the learning environment.

Class tests and Mock tests are organized by the programmes throughout the academic year. Normally, two class tests are organized per course per semester.

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

- Term work assessment is the transparent process. The students are evaluated by faculty in the laboratory itself. The grievance if any is resolved by faculty immediately.
- Class tests are conducted for each theory course twice per semester. Discrepancy or grievance if any is resolved by the faculty and respective committee immediately.
- Internal assessment of the project work of final year students is carried out throughout the academic year periodically. Query if any is resolved by the guide, panel & respective coordinator.
- When the University examinations are scheduled, sometimes students face difficulties and there are registered complaints at various stages accordingly.
- Examination form fill - up and payment of fee process is online. Sometimes students get stuck in the process. In such cases, students report to the examination section and get his/her difficulty solved.
- There are few complaints reported pertaining to the Hall - Ticket. These are also resolved by the office timely.
- When the students appear for examinations and the results are declared by the University, there are few cases of variation in the names, results etc. Such cases are resolved by the Institute through communication with the University.

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.

Engineering and management programmes follow the defined program outcomes (POs). For all the programs, POs, Programme Specific Outcomes (PSOs), and Course Outcomes (COs) have been articulated.

POs signify the graduate attributes (GA) whereas PSOs are specifically defined outcomes of the programme which the learners attain at the end of the programme. The dissemination of these POs and PSOs is done through

1. Institute Website
2. Student/ Faculty notice boards
3. Laboratory notice boards
4. Posters in corridors in each department, administrative areas
5. Laboratory manuals
6. Project work book
7. Conference proceedings
8. Various activities like FDP/STTP/etc. brochures
9. Department News Bulletin
10. Faculty Course files
11. Through various feedback forms

COs describe the fundamental knowledge skill set about the course that student will be able to acquire at the end of a course. University provides the semester wise syllabus for each programme. For many courses COs are defined by the University. The mapping of COs with POs and PSOs is done for every course, as COs are the path way to attain POs and PSOs and thereby the Mission and Vision of the institute.

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.

For any outcome based system, achieving the attainment level of the POs, PSOs, and COs is a key parameter. The following methods are used to assess the attainment of course outcomes.

The assessment of CO comprises direct and indirect attainment.

The direct attainment is calculated from Continuous Evaluation mostly known as Internal Examination Evaluation and External Evaluation .The internal evaluation assessment is obtained from the internal class tests, assignments and term work marks whichever is applicable. The external evaluation assessment is acquired from the University conducted In-Semester, End-Semester examination and practical/oral. For attainment evaluation, targets are set. Target levels are decided based on average results of past In-Semester & End-Semester examinations. The direct CO attainment is calculated from 20% of Continuous Evaluation + 80% of External Evaluation.

Indirect attainment is calculated based on Course feedback.

The overall CO attainment is obtained from 80% of Direct CO attainment + 20% of Indirect CO Attainment.

From CO-PO mapping values and CO attainments, Direct PO attainments are computed. Again indirect PO attainment is

calculated from various stakeholders' feedbacks. The overall PO attainment is obtained from 80% of Direct PO attainment + 20% of Indirect PO Attainment.

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

1390

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

https://cms.sinhgad.edu/media/546943/scoe_sss_2022_23.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

30.6

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

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

3.1.2.1 - Number of teachers recognized as research guides

19

File Description	Documents
Any additional information	No File Uploaded
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

1

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

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

The institute has created a suitable environment to promote innovation, explore new ideas and share the knowledge to other likeminded in their interested domain for graduate, post graduate and Ph.D. students. As a part of this, the institute has R&D, Entrepreneurship cell through which students are encouraged to participate in different research activities. Workshops on Entrepreneurship, Research Methodology and Intellectual Property Rights are conducted to provide the base for researchers. As part of innovation, R&D cell encourages students and faculties for nurturing innovative ideas The R&D cell helps in identifying multidisciplinary innovative topics related to different engineering and management programs. The teaching-learning process at the institute is based on choice-based credit system of the University. It helps and motivate the students to do theme-based research projects which in turn make the students to have innovative knowledge helpful to the industry and society. Students are made aware about various research funding schemes of Government, AICTE, DST, SPP University. Regular industrial visits for the students are arranged.

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

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

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

66

File Description	Documents
Report of the event	View File
Any additional information	View File
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	
3	
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	
183	
File Description	Documents
Any additional information	View File
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	
47	
File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File
3.4 - Extension Activities	

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

The basic objective of the extension activities is to create social awareness among the students. There is a number of activities that come under the diversified social issues. Any activity which contributes to the development of society assists in the overall development of the skills of the students who participate. A sense of togetherness is developed among the students which are essential to maintain the integrity of the society. With technological developments majority of the work is done at the fingertips, extension activities bring the students together to contribute to the social activities and develop abilities to work as a team. The same teamwork is essential when he/she becomes part of any big organization while pursuing his/her professional goal. Many technical projects have considerable impact on the social development, participation of students in the extension activities helps them to successfully execute the technical projects. The extension activities help is spreading awareness about the activity and motivates peoples of the society to participate for the betterment of the society. These activities provide a platform for the students to communicate with the people from various sections of the society, effective communication is very much essential for every individual when he/she moves ahead in their individual life.

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

4

File Description	Documents
Any additional information	View File
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

19

File Description	Documents
Reports of the event organized	View File
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

1196

File Description	Documents
Report of the event	View File
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	
985	
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	
27	
File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
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.	
Institute situated in beautiful landscape and have well equipped laboratories, spacious classrooms and good infrastructure facilities	

Teaching-Learning Facilities

1. Classrooms: furnished with LCD Projector, LAN/Wi-Fi connectivity, capacious and well ventilated.
2. Laboratories: with adequate experimental set-ups as per the University syllabus.
3. Computing Equipment: 1046 no. of computers with licensed software installed with supporting peripherals
4. Departmental Library: Access to text books, reference books and project reports etc.
5. Central Workshop : equipped with sufficient no of machines tools.
6. Drawing Hall : equipped with drawing boards, stools, chalk boards.
7. Central Library: enriched with 56,219 books, 14,989 titles of various current as well as syllabi-based books of all disciplines .
8. Training and Placement Cell: for conducting various T&P activities
9. Faculty Rooms : equipped with the required furniture along with LAN connection.
10. Washroom and Drinking Water Facility: Adequate Gents and Ladies washrooms are available in departments with water purification and cooling facility.
11. Hostel Facility: 11 no. of boys hostel with capacity of 4224 out of which one is for NRI students and 09 girls hostel with capacity of 3476.
12. Other Facilities: Canteen facility, Photocopy center, Laundry, Bank, ATM, Post office are available.

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 institute encourages and provides infrastructural facility for the students to participate in several extra-curricular activities

1. Cultural Activities

- Sinhgad Cultural Center (Open Air theatre) having ample space with Dias, Chairs, Lights, fans, LCD Projector and 1500 seating capacity for audience.
- Under the banner of 'Sinhgad Karandak', annual Cultural fest- NEON and Techfest- Techtonic are arranged every year.
- The institute has Sinhgad Students Club, wherein a basket of 18 clubs are made available to the students to enhances their talents

1. Sports and Games: Facilities for outdoor sports include cricket, lawn tennis and indoor sports include table tennis, carom board, chess and swimming Pool.

2. Yoga Center: To conduct Yoga and meditation session

3. Medical facility: Campus clinic, Dental Hospital and Medical Store.

4. Other Facility

- General Stores.
- Fruit Centre, Milk Parlor
- Parlor
- Power Backup /Generator
- Central Water Pump House
- Parking Facility

Ambulance

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.

64

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)

974.46

File Description	Documents
Upload any additional information	View File
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 Central Library has a floor area of 1911m² in total, with a reading hall of 1145 m² to accommodate 1000 students. The

library has a digital library, Web OPAC, reprographics, scanning, and access to DELNET, and NDLI facilities.

The library is automated by software Koha with a perpetual license. It is web-based full- featured MARC multilingual Integrated Library System to cater to the automation needs of medium to large libraries around the world.

KOHA Module :

1. Circulation Module Helps in all counter transactions as well as Library books, periodical transaction activities.

1. Cataloguing Module: Contains the bibliographic record of the main information related to the library material and stored in Koha in Marc.
2. Patron Module: Helps not only manages individual borrowers, but also institutions as patron.
3. Serial Module: : Entries of Printed periodicals and journals and it gives reminders for the non-received issue.
4. Advanced Search Module: Help to search library's database.
5. Acquisition Module: Book Purchase orders can be placed through this module.
6. Report Module: To generate various reports such as, circulation ,Accession Register etc
7. OPAC :Helps to users anywhere ,anytime availability library material.

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	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

0.1411

File Description	Documents
Any additional information	View File
Audited statements of accounts	No File Uploaded
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

108

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

IT infrastructure facilities are created taking into consideration the requirements of all the stakeholders.

- Institute is having a Campus agreement with Microsoft for the last twelve years, for the up-gradation of the

Windows

- Operating System and Microsoft Application Soft ware. The infrastructure and application support are regularly updated to meet the ever-changing needs of the syllabus.
- The institute has a 24x7 Wi-Fi facility on the campus for the student and faculty members to avail of internet connection at any place in the college and hostel. The Internet Bandwidth of 250 Mbps of TCL and 300 Mbps of BSNL is available for the institute.
- Licensed UTM having the facility of firewall, web content filtering, gateway antivirus, VPN, bandwidth shaping, and VLAN routing is available with the institute.
- Institute is having a biometric machine for taking attendance of faculty and staff members.
- The institute currently using POD.Ai software for student placement.
- At the Institute level, two main platforms are available to communicate with students namely, Facebook (<https://www.facebook.com/theofficialscoe>) and YouTube (<https://www.youtube.com/@Sinhgad College of Engineering>).

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

4.3.2 - Number of Computers

1045

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
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)

233.32

File Description	Documents
Upload any additional information	View File
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 following maintenance activities are carried out at Department and College Level

1. Classrooms, Seminar Hall and Tutorial Rooms: Repair work of the classroom, seminar hall, and tutorial rooms is done internally through instructor and electricians whereas rooms are cleaned by peons

2. Central Library: Is maintained and each section in it is taken care of by an assigned person for cleanliness, Book Stacks and books are weeded out as per the norms and procedures laid down by the society.

3. Laboratory Equipment: The faculty in charge and the technical assistant look after the maintenance and calibration

of each laboratory.

4. IT infrastructure: All the computers and peripherals are checked by the technical assistant for any problems.

The following maintenance activities are carried out at the Campus Estate office level

1. Civil Work Maintenance :
2. Garden Maintenance :
3. Furniture Maintenance:
4. Electrical Maintenance :
5. Water Treatment Plant:
6. Paste control and Sanitization
7. Fire Extinguisher and Safety:
8. Sewage Treatment Plant:
9. Garbage Collection:
10. Water Supply from Canal:

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

4748

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
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

79

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

A. All of the above

File Description	Documents
Link to Institutional website	http://scoe.sinhgad.edu/naac/naac-ssr/capacity-building-and-skill-enhancement-initiatives.aspx
Any additional information	View File
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

668

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

668

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

570

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

62

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
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

90

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
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.

16

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
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 student representatives in many of the academic and administrative bodies/committees of the

institution for effective functioning of the same.

1. Student Council:

The institute has the Sinhgad Student Council (SSC) which is a student association with a perfect blend of clubs to produce competent students to face the newer challenges of today's globalized world through holistic development.

2. Student Grievance Redressal Cell:

The institute has a Student Grievance Redressal Cell in every department comprising of Head of department, Faculty members and student representatives.

3. Sexual harassment cell:

The institute has Sexual harassment cell comprising of Principal, woman faculty and students. The cell resolves the issues by taking proper disciplinary actions.

4. Antiragging committee:

The institute has an antiragging committee and squad comprising of Principal, faculty members, Student representatives, Police Officer and NGO representative which takes preventive actions to avoid ragging.

5. National Social Service:

NSS advisory committee is formed under the Chairmanship of Principal and this committee consists of Vice Principal, NSS Programme Officer, Senior Faculty Members and Students Representative as members.

6. Magazine Committee:

The annual college magazine committee comprises one faculty member from each department headed by the Senior faculty as the chairman

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

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

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

9

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

The Institute has played a key role in transforming the careers of students into global technophiles, entrepreneurs, researchers, directors, and managers. In order to cultivate a bond with almmater, improve job opportunities, and create a networking platform to share and influence the success stories of alumni, the institute has started an alumni association on 06th December 2003. The registration number of the association is "Maharashtra /1494/2003/ Pune/Dec. 6, 2003." By the end of the academic year 2021, the alumni association had grown to 18,100 plus members and 200 entrepreneurs. The alumni association has established a strong bonding between alumni and current students. The Working committee of the Alumni Association consists of Students representatives and Faculty Coordinators from each department. At present the alumni

association does not contribute financially to the development of the institute; however it helps in several support services by way of Training and placement, student projects and internship, higher education, expert and guest lectures, industrial visits and participation in different student clubs and social activities.

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

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

File Description	Documents
Upload any additional information	View File

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

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, and 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"

Transparency is maintained in administrative affairs of the college for unique work culture and an excellent academic environment for the betterment of students and faculty. The Vision and Mission is communicated to all the students,

teachers, staff, and other stake holders by various means and also making it available to all the stakeholders. HoDs prepare academic plans and which are discussed and finalized in HoD meeting and monitored by Principal and IQAC Committee periodically for imbining a unique value system, transparent work culture, excellent academic, creativity, and inculcation of human values.

The Teaching-Learning process is adopted with state-of-the-art infrastructure and classroom with ICT tools. Qualified and dedicated faculty takes efforts for betterment of students by participation in various activities. The action taken reports are prepared and appraised to all the concerned.

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 organizational structure of SCOE is a blend of professional autonomy, individual accountability, and a well-defined administrative structure. Within this overall framework, faculty members have autonomy in conducting their research, implementing contemporary teaching methods, training, and consultancy. The involvement of faculty members is seen in all aspects of academic and administrative activities. The Institute has 22+ institute level committees including statutory committees and about 70+ department-level committees

The teaching-learning process is monitored by the Academic Monitoring Committee of the department, which include senior faculty members. The HoD allocate course to the faculty and ensures that the academic calendar and timetable of the department are prepared by incorporating academic activities proposed by SPPU and IQAC. The Principal and HoD empower the AMC coordinators for monitoring and reporting on the academic conduction as per the plan. They monitor the daily conduction of lectures and practical and also prepare a report which will be communicated to the higher authority.

The Guardian Teacher system is implemented to address the

academic and personal issues of about a batch of 20 students . The feedback is taken twice in a semester and analyzed and communicated to the concerned faculty member/s through HoDs for further corrective actions if any.

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

The institution strategically takes efforts to develop students through various capacity and skill enhancement initiatives, make them employable resulting in good placements. The institute has established and ensured the quality academic practices for excellence in teaching learning process. Information shared by stakeholders is utilized to improve quality of programs by conducting various Industry Institute Interaction activities. The institute is committed for overall development of students involving curricular, co and extra-curricular activities. This is achieved by ensuring participation of students in initiatives like:

1. Improvisation of soft skills through Student Training Program (STP)

The institute has implemented STP in every semester to enhance students' communication, language & soft skills. Different modules focus on Aptitude and logical reasoning, Personality & stress management, Behavioural, Listening, Speaking, Reading & Writing skills, Group Discussion, Personal Interview etc.

2. Learning through Value Added Programs

The institute conducts activities like guest lectures, certification courses via value-added programs, MOUs with industries for organizing workshops, guest lectures on upcoming trends and technologies in corporate world.

3. Perspective Plan

The Institution is in the process of SAR for accreditation by NBA for different departments of the Institute. All the departments are following the guidelines of NBA with regards to Outcome Based Education.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	View File

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 institute has a well-established administrative setup. Due departmental representation is ensured at institute level committees. Some of the committees are listed below:

1. Anti-Ragging Committee
2. Website Committee
3. Grievance Redressal Committee
4. Internal Complaints Committee
5. Research Co-ordination Committee
6. Alumni Committee

The departments of the institute have departmental committees coordinated by faculty members and monitored by the Head of the Department for effective and efficient performance of the department. The service rules and regulations manual defines the duties and responsibilities and all other policies for various categories of employees. The institute has website which displays all the important information. It also has well defined policy for carrying out various consultancy and research projects.

The Chief Examination Officer (CEO) coordinates for university

examinations and results, Chief Librarian for Central library, Dean for Training and Placement Office, rector and warden for boys' and girls' hostel and mess, Estate officer for regular maintenance of infrastructure facilities in the campus.

The institute's administrative department is headed by Registrar which includes establishment section, students section, scholarship section, examination section etc. The accounts department looks after financial aspects and financial audits of the institute.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	scoe.sinhgad.edu/NAAC/SCOE/Criteria6/6.2.2 Organogram of Sinhgad College of Engineering.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	No File Uploaded
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

1. Personal/ General Welfare Schemes for all staff:

The institute has well defined rules for earned leave, medical

leave and Maternity leave (180 days), EMBF. Campus has a clinic and an ambulance available 24x7. Medical treatment is provided at concessional rates at SKN Medical College & General Hospital and Sinhgad Dental College & Hospital for staff and their families.

The institute has Staff quarters and common facilities available in campus so that students need not to leave campus for service like nationalized bank, ATM, swimming pool, gymnasium, or any general need. There is availability of canteens and mess facility for students, teaching and non-teaching staff. There are security guards posted at institute and residential areas in campus. Pune Municipal Corporation bus facility is made available to students.

2. Welfare schemes for professional growth of teaching and Non-teaching staff:

The institute motivates and support faculty to pursue higher studies. The institute organizes Train the Trainer (TTT) programme to identify the areas of improvisation in course conduction and resource sharing. The Institute encourages and motivates the faculty to attend refresher course to upgrade domain knowledge and improve pedagogy skills. Faculty are inspired to develop interaction with industry and involve in research projects.

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

2

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

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

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

5

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	View File
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

242

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	View File
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 Institute has well established system for annual appraisal of teaching and non-teaching staff. It consists of self-appraisal and appraisal by the reviewing officer.

1. Performance Appraisal System of the Teaching Staff

The appraisal form of teaching faculty consists of four parts covering Student Centric activities, Professional Development and Academic Contribution, Research Contribution and Assessment by the Head of Department and the Principal.

For evaluating performance of a professor more emphasis is given to research contribution whereas for assistant professor more emphasis is given to student centric activities.

After self-evaluation, it is submitted for remarks and endorsement by HoD. After final remarks by Principal the same is forwarded to the management.

2. Performance Appraisal System of the Non- Teaching Staff:

The performance-based appraisal system for non-teaching staff is in paper based format and it covers General information, officiating designation and Quality of work, Communication, Supervisory ability, Initiative and cooperation, Interpersonal relations. It has remarks by Head of Department followed by Principal's remarks.

The appraisal form of each staff is screened by the apex

authority of society, and guidelines if any for improvement are informed to the concerned staff.

File Description	Documents
Paste link for additional information	scoe.sinhgad.edu/NAAC/SCOE/Criteria6/6.3.5_Institutes_Performance_Appraisal_Form.pdf
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 conducts transparent internal and external financial audits periodically. The internal financial audit of the Institute is entrusted to a committee of 3 or 4 accountants working with the STES along with the institute's accounts department.

All the documents are verified by the accounting officer, and any discrepancies are brought to the attention of the head of department for immediate rectification. The accounts department consolidates all the expenditures made in the financial year.

Every financial year, the external financial statutory audit is conducted by a chartered accountant. A comprehensive examination and verification of all the financial transactions are carried out. All observations and objections of the auditor are communicated through their report to the institute. These are examined by the Principal, the internal auditor, and the accounts department. The short comings in the auditor's report are addressed and rectified through compliance with necessary supporting documents within the stipulated time limits.

By complying with the necessary procedures and providing the required documentation within the prescribed timeframe, the organization demonstrates its commitment to auditing standards. This helps to maintain the credibility and reliability of the financial statements and ensures that any concerns raised by the auditor are appropriately resolved.

File Description	Documents
Paste link for additional information	scoe.sinhgad.edu/NAAC/SCOE/Criteria6/6.4.1_External_Audit_Report.pdf
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)

110000

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
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

Describe the resource mobilisation policy and procedures of the institution within a maximum of 200 words

The institute has an effective system at place to track how well the financial resources are being used. The financial budget for the academic year is prepared by considering all the possible income and expenditure.

Being a self-financed college, the primary source of income to the college comes from the fee paid by the students. Every year, the Fee Regulating Authority, Government of Maharashtra, approves the college fees after taking into account all of the institute's expenses, including the audit reports. The FRA-approved fees were maintained for the academic year 2021-2022 because there was no fee revision.

Various funding schemes of SPPU under QIP are utilized for organization of conferences, workshops, Purchase of examination and sports related equipments. Research funds are also received by the faculty members from ASPIRE, BCUD.

The Institute apply for various schemes of NSS and Student Welfare Department of SPPU and accordingly utilize the sanctioned funds for organizing various activities as per the norms of SPPU. These activities are likely aimed at promoting student welfare, community service, and overall development. It's important for the Institute to adhere to the norms and guidelines set forth by SPPU while utilizing these funds.

File Description	Documents
Paste link for additional information	scoe.sinhgad.edu/NAAC/SCOE/Criteria6/6.4.3_Institutional_strategies_for_mobilization_of_funds_and_optimal_utilization_of_resources.pdf
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 comprises of senior faculty and expert members from management, industry, research institutes, social organizations, etc. IQAC is instrumental for coordinating quality-related activities in the institute. As a result of IQAC initiative, the following two practices are institutionalized.

1. Strengthening Core and Inter-Disciplinary Research Among the Faculty and Students

In view of emerging trends in engineering and technology and the requirements of industry and their feedback, the IQAC encourages core and interdisciplinary research areas. Faculty and students are involved in in-disciplinary research such as developing robot, rocket, solar vehicle, application of ANN for evaporation prediction, etc.

2. e-Resources Usage and Development

The IQAC of the institute has encouraged teachers and students to register in various online courses like NPTEL. As a result, several faculty and students attended and were certified by the above agencies in various contemporary technological domain.

The institute is a nodal centre for Virtual lab (V-Lab) of IIT Bombay. This facility was utilized by the engineering departments during pandemic period and even now. Majority of the courses' practical are covered by way of virtual experimentation, modelling and simulation using V-Lab. Also, the faculty of the institute has developed and shared the e-content of the courses with the students on regular basis.

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

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

As per the directions of IQAC, Heads of the department give instructions to the teaching and other staff for improvements in teaching and learning process. The two examples of institutional reviews and implementation of teaching learning reforms facilitated by the IQAC are:

1. Strengthening of Programs by Utilizing Teaching and Learning Resources

The IQAC Cell of SCOE communicates guidelines for effective teaching learning process and learning outcomes. This helps in maintaining an incremental improvement in various activities. The identified gaps in the curriculum are filled up by promoting Guest lectures, internships, etc. The gaps are also bridged by introducing Skill development courses (Honors courses) and audit courses offered by Savitribai Phule Pune University to the students along with the regular curriculum for their overall development. The institute encourages faculty and students to enroll for courses like NPTEL etc.

2. Adapting Technology for Teaching Learning Process and Administrative Purpose

IQAC encourages use of audio-visual aids during lectures and guest lectures for distant resource person through platforms like MS Teams, Google meet, Zoom, etc. For administrative purpose, a mobile app is developed to pay the academic fees and examination fees. Examination forms are collected through Google forms generated by the examination section.

File Description	Documents
Paste link for additional information	scoe.sinhgad.edu/NAAC/SCOE/Criteria6/6.5.2_IOAC_Incremental%20Improvements_22_23.pdf
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)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://scoe.sinhgad.edu/NAAC/SCOE/Criteria6/6.5.3_Annual_Academic_Report_2022_23.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The Institute is a co-aid college. The management provides equal opportunities to all, irrespective of class, creed, gender etc. It is carried out in following ways:

- Special programs such as 'Celebration of International Women's Day', 'Awareness on Sexual Harassment', 'Health Awareness Program' "Celebration of Pakhwada for Awareness About Sexual Harassment At Workplace" etc. are arranged by the institute.
- Institute provides equal opportunity for all to participate in administrative, co-curricular and extracurricular activities.
- The institute gives equal opportunities to boys and girls to work as team leaders in various students' activities.
- Women grievances cell is formed and it functions separately for the benefit of the women employees and girl students.
- At present 40% of faculty members are women employees and 23% students are girl students in the institute.
- Girl students are encouraged to apply for different schemes / scholarships from various regulatory bodies, corporate and NGOs, etc.
- Three out of eleven heads of department are women. In addition, in all the institutional and departmental committees, women faculty members are assigned with important portfolios.
- The % of girl students getting placed is also very high.

The details can be found on the link below:

http://scoe.sinhgad.edu/NAAC/SCOE/Criteria7/7.1.1_Gender_Equity.pdf

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://scoe.sinhgad.edu/NAAC/SCOE/Criteria7/7.1.1 Gender Equity.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	C. Any 2 of the above
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File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

- 1. Liquid waste management:** The institute has a Sewage Treatment Plant of 275 KLD installed in the campus which caters for treatment of wastewater generated in the entire campus. The plant is well maintained by an outside agency through an Annual Maintenance Contract which is renewed periodically. The treated wastewater is recycled and reused for gardening purpose. Recycle and reuse of wastewater has resulted in reduced dependency on fresh water. The urinals in few of the departments are converted into waterless urinals thus resulting in huge saving of fresh water. Support staff looking after cleaning of these urinals are trained for proper usage of the system.
- 2. Biomedical waste management:** Biomedical waste collected in the campus is disposed-off through a mechanism set by Sinhgad Dental College & Hospital located in the campus.
- 3. E-waste management:** Keeping in mind the global hazards of

electronic waste, Institute has set up a mechanism for removal of E-waste and scrap.

4. **Waste recycling system:** Waste water recycling is practiced in the institute as mentioned above. Emphasis is given on use of one side papers for internal communication. Other scrap is given to an outside agency with whom an MoU has been signed.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
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

C. Any 2 of the above

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

7.1.5 - Green campus initiatives include

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

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	No File Uploaded
Any other relevant documents	No File Uploaded

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

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	D. Any 1 of the above
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
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 has diversified people from all religions and casts of the society and celebrates all programs and festivals of national importance of all religions. In order to inculcate unity in diversity concept, linguistic days such as Marathi Bhasha Din etc are celebrated in the Institute. The students as well as faculty members get an opportunity through NSS PRAYAS as well as while working with NGOs like Rotary Club Pune to know about various socio economic issues including women empowerment, water conservation, importance of environmental conservation. Various festivals such as Ganeshotsav, Navaratri etc. are celebrated in the Institute. All students, faculty members, non teaching staff participate in these activities. This also helps develop harmony and symbiotic relationship amongst all. Furthermore,

Institute organizes cultural programs for all the students and its planning and execution is done by students. The students are encouraged to participate in various cultural events and competitions at a national level events.

Sinhgad Institutes organises an event called "Sinhgad Karandak", a national level event. The events consist of Singing, Dancing, Fashion Show, Street Play, Mr. and Miss. Sinhgad Traditional Day is celebrated at Institute to showcase traditions of different cultures of India from where the student comes.

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

Institute undertakes different initiatives by organizing various activities to sensitize students and employees to the constitutional obligation: Values, Rights, Duties and responsibilities of the citizens.

Constitution Day is celebrated on 26th November at the institute. As per the Constitutional resolution, Indians have resolved the country into a Sovereign Socialist Secular Democratic Republic country and assures security to all its citizens. The information about Justice, Liberty and Equality is disseminated amongst the participants. The fundamental rights, Duties, Values and responsibilities of citizens as stated in the Constitution of India are brought to the notice of all concerned. Our constitution provides for human dignity, equality, social justice, Human rights and freedom, Rule of law, equity and respect and superiority of constitution in life. Whole country is governed on the basis of the rights and duties preserved in the Constitution of India. SPPU has introduced two compulsory Audit Courses; one at First Year UG level named Democracy, Election and Governance for all engineering disciplines and another for all PG Programs named "Introduction to Constitution:. Objective of these two courses is to create awareness and sensitize the students and employees to constitution obligations.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://scoe.sinhgad.edu/NAAC/SCOE/Criteria7/7.1.9_Sensitisation_To_Constitutional_Obligations.pdf
Any other relevant information	Nil

<p>7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff</p> <p>4. Annual awareness programmes on Code of Conduct are organized</p>	<p>C. Any 2 of the above</p>
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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	No File Uploaded
Any other relevant information	No File Uploaded

<p>7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals</p>
<p>http://scoe.sinhgad.edu/NAAC/SCOE/Criteria7/7.1.11_Celebration_Of_Commemorative_Days.pdf</p>

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	No File Uploaded
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.

Title of the Practice 1: Students' Training Program (STP) to enhance employability skills

Objectives of the Practice: The objectives of the STP are:

? To enhance the employability opportunity.

? To prepare students for entrepreneurship

? To prepare students for higher education

The Context:

The Institute has a strong liaison with the industries. The training and placement wing of the Institute has identified the industry requirements and based on recommendations received, has started an exhaustive programme under STP which caters for the Industry requirements to make the students industry ready.

Best Practices II: Introduction of Virtual Lab (VLab), IIT Bombay

Objective:

This practice has been introduced in all the departments of the. We have continued with the VLab facility post pandemic and the students have got benefited out of that. This situation has opened new doors for use of the latest technologies for disseminating the knowledge to the students in higher educational institutes. The advantages of VLab are summarised as follows:

1. Remote access to simulation based labs in various disciplines is possible.
2. Opportunity for possibility of designing simulation based experimentations.
3. To extend the existing lab facilities for better understanding of the experimentation.

File Description	Documents
Best practices in the Institutional website	https://scoe.sinhgad.edu/NAAC/SCOE/Criteria7/7.2.1_Best_Practices..pdf
Any other relevant information	Nil

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

All-inclusive Campus and Policies for Overall Development of students:

Sinhgad College of Engineering under the aegis of Sinhgad Technical Education Society (STES) is affiliated to Savitribai Phule Pune University. It is recognised as one of the renowned institutions, not only in Maharashtra but also in India and outside India. The college has been fetching admissions across the country as well from other countries like Afghanistan and many African and Gulf countries. All-inclusive campus and favourable policies for overall development of students is the peculiarity of the college. All day-to-day facilities required for the students and faculty are available in the campus and the details are as follows:

- ? Academic infrastructure
- ? Excellent Hostel Facility
- ? Central Library
- ? Mess and Cafeteria
- ? Other Ancillary facilities.
- ? Staff Quarters
- ? Special Efforts for student mentoring
- ? Strong Training and Placement Cell
- ? MoUs with Industries

? Co-Curricular and Extra-Curricular Activities

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

1. The Institute is always working towards excellence. This can be achieved by using the strengths of the individuals optimally which will help to strengthen the Institute further. With this view in mind, the institute has initiated following steps:\
2. To appreciate the work of teachers in various capacities, such as Best Teacher Guardian, Best Class Teacher, Best Teacher awards (both at departmental level and institute level).
3. To identify and appreciate Best Outgoing Student (both at Department and Institute Level) To identify and appreciate Best Support Staff (Both at Department Level & Institute Level).
4. To identify and appreciate Best Support Staff (Class III and IV employees, both at Department Level & Institute Level)
5. To start incubation center for interdisciplinary research and to enhance testing consultancy services through the same. As an outcome of this activity students will get benefitted and also more and more students will turn up into entrepreneurs in future. Testing & Consultancy Services will give opportunities to faculty members to explore their domain knowledge.
6. The Institute is preparing for NBA SAR and will be submitting the same in AY 23 24