



YEARLY STATUS REPORT - 2022-2023

Part A	
Data of the Institution	
1.Name of the Institution	Ahmednagar Jilha Maratha Vidya Prasarak Samaj's Shri Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar.
• Name of the Head of the institution	Dr. Y. R. Kharde
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02412568383
• Mobile No:	8668690892
• Registered e-mail	scsmcoe.anr@hotmail.com
• Alternate e-mail	iqac@scoea.org
• Address	Survey No- 162 & 163, Nepti, Nagar-Kalyan Road, Ahmednagar - 414005
• City/Town	Ahmednagar
• State/UT	Maharashtra
• Pin Code	414005
2.Institutional status	
• Affiliated / Constitution Colleges	Affiliated
• Type of Institution	Co-education

• Location	Rural												
• Financial Status	Self-financing												
• Name of the Affiliating University	Savitribai Phule Pune University												
• Name of the IQAC Coordinator	Prof. P. G. Nikam												
• Phone No.	9156990001												
• Alternate phone No.	8149994098												
• Mobile	9156990001												
• IQAC e-mail address	iqac@scoea.org												
• Alternate e-mail address	prasad.nikam@scoea.org												
3.Website address (Web link of the AQAR (Previous Academic Year))	https://scoea.org												
4.Whether Academic Calendar prepared during the year?	Yes												
• if yes, whether it is uploaded in the Institutional website Web link:	https://scoea.org/academic_calendar/Academic%20Calendar%20-%202022-23%20(Sem-I).pdf												
5.Accreditation Details													
<table border="1"> <thead> <tr> <th>Cycle</th> <th>Grade</th> <th>CGPA</th> <th>Year of Accreditation</th> <th>Validity from</th> <th>Validity to</th> </tr> </thead> <tbody> <tr> <td>Cycle 1</td> <td>B+</td> <td>2.67</td> <td>2022</td> <td>07/06/2022</td> <td>06/06/2027</td> </tr> </tbody> </table>	Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to	Cycle 1	B+	2.67	2022	07/06/2022	06/06/2027	
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to								
Cycle 1	B+	2.67	2022	07/06/2022	06/06/2027								
6.Date of Establishment of IQAC	07/07/2017												
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,													
<table border="1"> <thead> <tr> <th>Institutional/Department /Faculty</th> <th>Scheme</th> <th>Funding Agency</th> <th>Year of award with duration</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>NIL</td> <td>NIL</td> <td>NIL</td> <td>NIL</td> <td>00</td> </tr> </tbody> </table>	Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	NIL	NIL	NIL	NIL	00			
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount									
NIL	NIL	NIL	NIL	00									
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	01
<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 	View File
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> • If yes, mention the amount 	
11.Significant contributions made by IQAC during the current year (maximum five bullets)	
<ul style="list-style-type: none"> • Industry-Institution Interaction • Designed a new 360-degree annual appraisal form. • Daily Monitoring, Surprise Monitoring, and Monthly conduction system implementation to improve the teaching-learning process. 	
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
Addition of new program	Sanctioned Artificial Intelligence and Data Science program with intake 60, which will start from AY 2023-24
Conduction of National Conference	Conducted "Inventions & Innovations in Science & Technology (I2ST - 2K23)" National Conference on 25th April 2023
Encourage faculty for PhD admission	Five faculty members enrolled for PhD

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

Name	Date of meeting(s)
College Development Committee	21/02/2024

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2023	13/02/2024

15. Multidisciplinary / interdisciplinary

The Shri Chhatrapati Shivaji Maharaj College of Engineering (SCSMCOE) is affiliated with Savitribai Phule Pune University, Pune (SPPU), and faces certain constraints in curriculum design. However, SPPU has revised the syllabus to embrace a multidisciplinary approach by integrating subjects like IoT, Python, robotics, mechatronics, and sensors. Furthermore, to foster an interdisciplinary education ethos institution offers diverse certificate courses.

SCSMCOE hosts various student associations to encourage students participation in curricular activities. The curriculum prioritizes present-day issues such as energy conservation, environmental pollution, sustainable development, and human rights, with regular guest lectures covering banking, finance, innovation, and startups.

The institution emphasizes multidisciplinary research to address societal challenges, motivating final-year students to propose solutions. Research culture is nurtured through sessions on research problem identification, patenting, methodology, and intellectual property.

To facilitate academic growth, various facilities like seminars, conferences, and workshops are provided to teachers and students. The institution promotes interdisciplinary interaction through platforms like I2ST (Inventions and Innovations in Science and Technology), initiated in 2022-23 and set to continue. By fostering collaboration and innovation, SCSMCOE prepares students to tackle real-world challenges and contribute to society.

16.Academic bank of credits (ABC):

As an affiliated institution, SCSMCOE is working towards establishing the concept of an Academic Bank of Credits (ABC) to provide academic mobility to students. The Savitribai Phule Pune University (SPPU), Pune, has designed the curriculum on a choice-based credit system, and efforts are being made to create awareness among students about the key aspects of the National Education Policy 2020, including the academic bank of credits. Additionally, awareness sessions on the implementation of the ABC system are organized in the institution to facilitate credit transfer mechanisms. The benefit of the ABC system is expected of students who want to pursue interdisciplinary courses and have a flexible learning experience. The ABC system aims to provide greater access and equity in the education system, by promoting lifelong learning and credit recognition across institutions.

17.Skill development:

The institution offers several opportunities to implement skill-development among the students such as expert lectures, industry field visits, internships, and industry projects. Skill development is also integrated into the academic curriculum, with teaching and learning processes, assessment and evaluation, and curriculum. SCSMCOE has implemented mentoring system also through which various skill development activities like group discussion, star-approach activity, presentation, resume writing are conducted on regular basis. Institution also organizes workshops, providing students with hands-on experience while working alongside experts from various sectors. Additionally, to facilitate skill-development, the institution has established several committees, including training and placement committee, industry institute interaction cell, and IPR activities. These committees offer diverse platforms for both students and faculty to boost their skills, improve employability, and thereby become more professionally competent. Third-year students of all courses undergo mandatory 4 to 6-week industrial training for practical exposure.

The institution places a strong emphasis on skill development among its students, offering several avenues for development. Extension sessions, industry internships, and industry projects are just a few examples of the opportunities offered to students. Skill-development is also incorporated into the academic curriculum, with teaching and learning processes, curriculum, and assessment and evaluation methods adjusted accordingly.

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

using online course)

The institution places a strong emphasis on the proper integration of the Indian knowledge system into education, considering it a fundamental value. The institution is guided by principles such as leadership, cultural heritage, honesty and integrity, freedom of thought and expression, and social responsibility.

The institution hosts a variety of activities promoting Indian culture, language, and traditions, including cultural events, motivational talks, and celebrations of Indian leaders anniversaries. Additionally, health camps, yoga day celebrations, blood donation drives, traditional day events, and various other social activities are organized to raise awareness about societal issues and promote civilized behaviour among students.

The institution also holds annual sports and cultural functions like "Utsav", "Shivjayanti" and "Ganapati Festival". Moreover, active NSS unit, Sports and Cultural Committees actively promote Indian ethos among students by organizing various activities.

To further support Indian languages and implement the three-language formula, the college magazine is published with three sections in Marathi, Hindi, and English. Overall, the institution is dedicated to appropriately integrating Indian knowledge systems into education by incorporating Indian culture, language, and traditions into the curriculum. The aim is to provide a holistic learning environment that celebrates India's rich cultural heritage.

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

The institution places a strong emphasis on Outcome-Based Education (OBE) to equip students with essential skills and knowledge aligned with industry and societal demands. The institution follows a well-structured curriculum conforming with SPPU guidelines. To accomplish this, SPPU has established clear learning objectives for each course, ensuring students acquire the necessary knowledge and skills. Regular assessments are conducted to evaluate student progress, providing constructive feedback to enhance their learning. Faculty members are trained to implement the OBE model effectively, fostering interactive learning experiences.

A supportive environment is cultivated by offering resources like the use of library and laboratories to enhance learning outcomes. Students are encouraged to participate in extracurricular activities to develop interpersonal and leadership skills which are crucial for enhancing their confidence, critical thinking, and communication

abilities.

In conclusion, the institution focuses on Outcome Based Education by ensuring that students are well-prepared for their careers, and equipped with the necessary skills and knowledge to succeed in their chosen fields.

20.Distance education/online education:

The institution is dedicated to delivering high-quality education through present-day technology and teaching methodologies. In response to the pandemic, the institute transitioned to a hybrid mode of education, conducting all academic activities online. To facilitate online learning, faculty members utilized various platforms such as Zoom, Google Meet and Classroom, and Moodle, incorporating diverse ICT tools into the teaching-learning process.

The institution promotes the use of virtual labs and industry visits to offer practical experience to students. Additionally, students are encouraged to enrol in online courses on platforms like Swayam, Coursera, and Simple Learn.

In support of distance and online education, SCSMCOE's library has implemented proactive measures. The Library allows students to access remotely the research papers and eBooks. The institution's online learning platform Smart School ERP provides flexibility and convenience, allowing students to access course materials. Various online tools, including virtual classrooms, video lectures, and discussion forums, are employed to facilitate interactive learning and student engagement.

Extended Profile

1.Programme

1.1 236

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

File Description	Documents
Data Template	View File

2.Student

2.1 825

Number of students during the year

File Description	Documents
Data Template	View File

2.2 105

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

File Description	Documents
Data Template	View File

2.3 230

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 47

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 45

Number of Sanctioned posts during the year

Extended Profile

1.Programme

1.1	236
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	825
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	105
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	230
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	47
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2	45
Number of Sanctioned posts during the year	

File Description	Documents
Data Template	View File

4. Institution

4.1	16
Total number of Classrooms and Seminar halls	
4.2	154.73
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	380
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

The institution is affiliated with Savitribai Phule Pune University, Pune (SPPU) and approved by AICTE. We offer four undergraduate courses and follows SPPU's curriculum and guidelines. Institution has constituted Academic Monitoring Committee (AMC) to take care of curriculum by preparing academic calendar and its monitoring.

Curriculum is implemented through systematic approach. Faculty subject choices are collected, and teaching loads are assigned on expertise basis. Course files with CO-PO-PSO are prepared, including academic calendar, teaching plan, and relevant notes. HoD monitors teaching plan, ensuring syllabus coverage. To cope up PO and PSO value added courses are conducted.

Department arranges guest lectures, expert talks, workshops, seminars, faculty development programs, orientation, and certificate programs for both staff and students. Faculty uses

different teaching aids, with e-content, NPTEL-Videos and presentations. To enrich learning language laboratory, industrial, field visits and internship opportunities are provided, while Central Library offers book bank and e-resources. Communication is facilitated through notices, SMS, ERP, and website.

ERP system manages academic data, generating attendance reports. Defaulter students information is shared with parents and online feedback guides corrective actions.

Institution conducts in-semester and end-semester examinations as per SPPU guidelines. Students are categorized based on performance and remedial classes are conducted.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://scoea.org/agar_data/c1/1.1.1%20Curriculum%20Planning%20and%20Implementation.pdf

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

The institution adheres to the SPPU's academic calendar (UAC), institution prepares Institutional Academic Calendar (IAC) for each semester based on UAC guidelines. The department synchronizes their calendars with the IAC and follows university-specified dates for semester commencement, conclusion, and examinations. The IAC includes events like expert lectures, science exhibitions, cultural activities, unit tests, and preliminary examinations, while departmental calendars incorporate departmental activities like industrial visits, guest lectures, seminars, and workshops.

Semester-wise academic timetables are prepared by departments, and subject teacher prepares the teaching plan. Continuous assessments, internal examinations, and project progress reviews are conducted, ensuring strong academic growth to maintain academic records. Departments submit the adherence of the Academic Calendar which also includes co-curricular and extra-curricular activity report to the Academic Dean at the end of each semester.

The following activities are aligned for the conduction of CIE

1. Internal Examinations: Unit Test, Preliminary Examination
2. Mock Oral and Mock Practical examinations
3. Term Work Evaluation
4. Assignments
5. Project and Seminar Assessment

CIE evaluates subject knowledge and practical skills through various tools such as assignments, unit tests, in-semester and end-semester examinations, practical, oral and attendance.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://scoea.org/aqar_data/c1/1.1.2%20Add herance%20to%20academic%20calender.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

C. Any 2 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

04

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)

05

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)	View File

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

409

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

409

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

1.3 - Curriculum Enrichment

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

SPPU's curriculum addresses gender, environment, sustainability, human values, and professional ethics issues. (E.g., environmental

engineering, disaster management, soft skills, energy audit management, human rights, smart cities, and water management.)

Gender Issues: Institution addresses gender equality through equal opportunities in admissions, training, sports, and cultural activities. Co-curricular and extracurricular participation is encouraged for both genders, including YIN for leadership. NSS, complaint committees, and initiatives like Beti-Bachao and Beti-Padhao address gender concerns. Support for females includes self-defence training and health checkups.

Human Values: Curriculum includes truth, honesty, sacrifice, commitment, teamwork, and relationship values, fostering social and environmental awareness. NSS addresses villagers' issues by imparting life skills through camps, blood donation, and Swachh Bharat Abhiyan. Yoga and meditation enhance self-understanding and stress management.

Environment and Sustainability: Core courses like energy-efficient systems, environmental engineering, and sustainability. NSS conducts tree plantations for awareness, and the institution promotes solar energy and energy-saving with LED and CFL.

Professional Ethics: Curriculum includes personal, organizational, and corporate standards, including greetings, handshakes, and dressing etiquette. Students develop ethics through events, workshops, and conferences, aided by soft-skill development programs. Programs in association with IEI contribute to ethical standards and also promote research environment through plagiarism checks for research articles.

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

13

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	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

481

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
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File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	No File Uploaded

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
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File Description	Documents
Upload any additional information	View File
URL for feedback report	https://scsmcoe.smartschoolmis.com/studlogin/studentlogin.aspx

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 sanctioned seats during the year

210

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

85

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 institution organizes a mandatory one-week induction program for all fresher immediately after their admission. The institution has very good mechanism for continuous evaluation and monitoring of the progress of the students. This helps to identify advanced and slow learners. The initial assessment test is utilized to evaluate their learning capabilities.

The advanced learners are motivated to explore more depth through course-specific projects or to register for related advanced online courses such as NPTEL, Coursera, and Swayam. Slow learners are given enough assistance during remedial classes by clarifying their doubts, re-explaining the critical conceptual topics, and giving them extra assignments so that these students improve their performance. Some of the faculty upload their lecture slides & videos on sharing digital platforms to facilitate slow learners to download those and learn at their own pace. All students, including advanced and slow learners, are advised to actively participate in college activities, engaging in events, competitions, and committee responsibilities. Institution arranges workshops to improve soft skills and communication abilities for better opportunities in the future.

File Description	Documents
Link for additional Information	https://scoea.org/agar_data/c2/2.2.1%20The%20institution%20assesses%20the%20learning%20levels%20of%20the%20students,%20after%20admission%20and%20organises.pdf
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
825	46

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

Student-centric learning process instead of conventional teaching-learning process is used by faculties. This is done by participation and involvement of students in curricular activities. Following latest teaching-learning methodologies are used:

i. Active learning:

The faculty adopts active learning by involving students in the learning process more directly through following activities; Brainstorming, quizzes, debates, group discussions, games, model making, mini projects, presentations, case studies and simulations on technical content.

ii. Collaborative Learning:

This is implemented by forming student teams working jointly complete a task/project, participating in debates, or designing a product. Students are encouraged to form groups to study new topics and present papers in various conferences. All students work together on different projects which will inculcate qualities like teamwork and leadership among students.

iii. Peer Lead Team Learning:

Institution provides an environment for students to engage in discussions and work in teams for problem-solving under the guidance of a peer leader to perform various activities.

iv. Experiential learning:

Field-based experiential learning like internship class-based experiential learning like role plays, games, case studies, simulation, virtual lab, and presentations are practiced. Third-year students are asked to attend the internship programs during summer vacations.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://scoea.org/agar_data/c2/2.3.1%20Student%20centric%20methods,%20such%20as%20experiential%20learning,%20participative%20learning%20and%20problem%20solving%20methodologies%20are%20used%20for%20enhancing%20learning%20experiences..pdf

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

In institution ICT enabled tools help to build bridge between theoretical and industrial knowledge. Advanced era of technology where machines like computers substituted use of paper with hi-tech features. The traditional chalk and talk method of teaching-learning is monotonous. Hence, ICT tools bring innovations in the teaching-learning process to make it more attractive to students. Faculties are attending various FDPs for domain knowledge in education technology.

i. ICT-based teaching-learning: Various modern ICT-enabled tools like PPTs and NPTEL videos are used for understanding concepts.

ii. Smart School ERP: Smart School is used by faculty and students. Each student has login-id and password of Smart School for attendance and feedback. Study material is shared through ERP System.

iii. Digital Social Learning Platforms (What's App, Google Groups):

Digital platforms help in providing 24x7 contact between teachers and students for circulation of notes, assignments, model answer

sheets, question banks, and solving queries of students. Faculty uploaded self-made PPTs and videos on Google drive as study material for students. The library department provides E-journals to students to update latest technology and methods available to them.

ICT tools developed high-order skills such as collaborating across lines and solving complex real-world problems.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://scsmcoe.smartschoolmis.com/default.aspx

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

46

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

47

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

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

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

02

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

235

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 institution adheres to university guidelines, ensuring transparent internal assessments for theory and practicals. Marks derive from class tests, assignments, exams, and attendance.

Mechanism for Internal Assessment

Continuous internal assessment is done through: viva, tests, assignments, and attendance, implemented as follows.

1. Practical and Term Work Assessment

A student's continuous assessment book evaluates performance on timely submission, understanding, lab quiz, and presentation for 10 marks each.

2. Seminar and Project Assessment

student is allocated to faculty for seminars and projects, topics selected by a committee emphasizing new ideas, inventions, and research. Seminars undergo internal Formative Assessment, while Final Projects are cumulatively evaluated through viva voce, presentations, and assessments by both internal and external examiners, covering implementation, analysis, testing, results, and presentations.

Transparency in Internal Assessment

1. Internal assessment schedules are posted on notice boards, shared in WhatsApp groups, and communicated through faculty announcements.
2. Notice boards show internal marks; students can meet faculty to discuss and clarify queries on their performance.
3. Distributed answer papers get clarified by faculty, providing feedback and suggestions to students for improvement.

Internal Assessment is flexible. Faculties can choose suitable methods: class tests, assignments, quizzes, MCQs, presentations, and group discussions.

File Description	Documents
Any additional information	View File
Link for additional information	https://scoea.org/agar_data/c2/2.5.1%20Mechanism%20of%20internal%20assessment%20is%20transparent%20and%20robust.pdf

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

In alignment with SPPU, the Institution creates a mechanism for transparent assessment and efficient grievance redressal, HoD appoints an examination coordinator for the smooth conduction of examination.

Mechanism of Redressal of Grievance for Internal Evaluation by the Institute:

The examination schedule is shared beforehand; faculty submits papers to the coordinator. After assessment, marks are communicated, and papers are distributed. Students can raise grievances within a week. The teacher addresses discrepancies using model answers, and submitting a report to the HoD.

Process for grievances at the Institution level:

Students having grievances about internal evaluation are addressed by HoD and the subject teacher, maintaining records for resolution.

Process for grievances at the University level:

The university has designated a College Examination Officer (CEO) to ensure smooth exams and address student complaints. To address theory marks concerns, students can request an answer sheet photocopy via the university portal. If dissatisfied, revaluation is optional.

File Description	Documents
Any additional information	View File
Link for additional information	https://scoea.org/agar_data/c2/2.5.2%20Mechanism%20to%20deal%20with%20internal%20examination%20related%20grievances.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

In our institution, Programed Outcomes (POs) and Course Outcomes (COs) for all programs are clearly defined and prominently displayed across various platforms including the website, laboratory, manuals, department notice boards, and library. POs are derived from Graduate Attributes outlined by the NBA, while COs are provided by the university within the curriculum for each course. COs are aligned with POs and PSOs.

Students are introduced to POs, PSOs, and COs during their induction program and subject orientation presentations. CO attainment is evaluated through direct and indirect assessment methods. Direct assessment includes external (university examination, practical's, seminars, and projects) and internal assessments (unit tests, assignments). Indirect assessment for CO and PO involves course exit surveys. Weightage for direct CO attainment is a 90:10 ratio.

PO attainment involves both direct (CO attainment and mapping with POs) and Overall attainment of POs and PSOs is calculated by combining direct and indirect values in 90:10 ratio. Continuous improvement involves comparing PO attainment with set target values. If achieved, targets are raised; if not analysis of shortcomings and action planning for improvement is undertaken, to be implemented in subsequent academic years.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://scoea.org/agar_data/c2/2.6.1.%20Teachers%20and%20students%20are%20aware%20of%20the%20stated%20Programme%20and%20course%20outcomes.pdf
Upload COs for all courses (exemplars from Glossary)	View File

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

The institution evaluates the attainment of Program Outcomes (POs) and Course Outcomes (COs) through an outcome-based curriculum and

structured evaluation methods. Students are familiarized with the evaluation criteria, which include projects, presentations, seminars, and laboratory work, with additional credits awarded for audit courses. Faculty members use both direct and indirect assessment methods to evaluate COs and POs. The process involves correlating COs with POs and Program Specific Outcomes (PSOs), with a mapping matrix prepared for all courses. Faculty members plan activities to achieve COs and POs, employing direct assessment methods like university examinations and internal assessments, alongside indirect methods like course exit surveys. Weightage is assigned to different assessment components to compute overall CO, PO, and PSO attainment, with targets set based on past performance and adjusted iteratively for continuous improvement. If attainment level is achieved, they are raised else deficiencies are analysed, and action plans are made for improvement in subsequent academic years.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://scoea.org/agar_data/c2/2.6.2.%20Attainment%20of%20Programme%20outcomes%20and%20course%20outcomes%20are%20evaluated%20by%20the%20institution.pdf

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

177

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	https://scoea.org/aqar_data/c2/2.6.3%20Total%20number%20of%20final%20year%20students%20who%20passed%20the%20university%20examination%20during%20the%20year..pdf

2.7 - Student Satisfaction Survey

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

https://scoea.org/aqar_data/c2/2.7%20SSS%20Feedback%20Report.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)

00

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

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

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

00

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

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

13

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

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

13

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

3.2.2 - Number of books and chapters in edited volumes/books published and papers

published in national/ international conference proceedings per teacher during the year

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

00

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

3.3 - Extension Activities

3.3.1 - 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 institution has engaged in several neighbourhood outreach initiatives to raise students' awareness of social issues and promote their overall holistic development. To carry out extension operations, it has founded several clubs, including NSS, sports, cultural, social, and environmental.

It significantly affects how the goal and vision for the ongoing development of students and staff members are viewed as having a strong social responsibility. Through academic and professional mentoring, service-based learning, and current engineering courses which emphasize quantitative and predictive methodologies for overall sensitization enhance the development of students' intellectual development.

For the sake of the neighbourhood community, the institution has performed car pollution check-ups. The institution hosts a Ganesh Festival each year. The festival includes "Tree Plantation and Garden Cleaning" as part of its environmental awareness initiatives.

The establishment of a National Service Scheme (NSS) cell within the institution aims to foster civic responsibility and civility among students. Food distribution, tree planting, blood donation, AIDS awareness campaigns, and safety road programs are just a few of the extension initiatives carried out by NSS. The orphanage received donations of oil, veggies, food beds, and pencils from the institution.

File Description	Documents
Paste link for additional information	https://scoea.org/agar_data/c3/3.3.1%20Extension%20activities%20are%20carroed%20out%20in%20the%20neighborhood%20community.pdf
Upload any additional information	View File

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

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

04

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

3.3.3 - 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

3.3.3.1 - 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

20

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

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

1604

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

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

15

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

15

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.

The institution has more than sufficient number of classrooms and well-equipped laboratories to meet the norms and criteria laid down by AICTE to maintain the continuous excellent quality of academics. The institution encompasses a sufficient number of well-furnished, well-ventilated, spacious classrooms equipped with LCD projectors. The institution is spread over an area of 21.68 acres. The institution has well equipped 15 classrooms, 4 tutorial rooms, 37 laboratories, 1 seminar hall, and a workshop. All laboratories are well equipped with all the equipment and facilities and are established as per AICTE and SPPU norms which are utilized for conducting practical classes as per the requirements. Total of 380 Computers are available with 50Mbps LAN connectivity. Workshop facility helps students to develop and enhance technical hand skills. For extracurricular activities, the institution has seminar hall which is used for conducting local/ national/ international seminars. The institution provides ramps, wheelchairs, and specially designed toilets to differently-abled (Divyangjan) students. The campus is under CCTV surveillance for the security of students and staff members. RO-Water coolers having a capacity of 150Lph are available. Required numbers of books, journals, and magazines are available in library with reading hall facility. E-library is having access to e-resources.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://scoea.org/agar_data/c4/4.1.1%20Infrastructure%20and%20Physical%20Facilities.pdf

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

An institution always encourages and supports co-curricular and extracurricular activities by encouraging the students to participate in various competitions at the university, state, and national levels. The institution has outdoor sports ground used for Cricket, Athletics, Football, Kabaddi, Throwing, Basketball, and volleyball. For indoor sports activities like badminton, Table Tennis, lawn tennis, Chess and Carrom. The institution has a well-equipped gymnasium having types of equipment such as a treadmill, and muscle-building are being utilized by the students and staff.

The institution has a spacious Yoga and Meditation center which is used to conduct meditation and yoga activities for the students and staff so that students can learn stress management and concentrate during studies. Apart from these, the institution has an open-air theatre, a cultural room for cultural events. Students participate in various cultural events such as the celebration of Shivjayanti, the Ganesh festival, annual social gathering Utsav. The institution recognizes its students who participate in various kinds of sports and cultural events by giving them a travel allowance, a sports kit, and recognition at college-level events.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://scoea.org/agar_data/c4/4.1.2%20Adequate%20facilities%20for%20cultural%20and%20sports.pdf

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

16

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

16

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://scoea.org/agar_data/c4/4.1.3%20Number%20of%20Classrooms%20and%20Seminar%20Halls%20with%20%20ICT%20facilities.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

88.73636

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)

Institute central library is using cloud Based Library Management System Software for automation of library services. OPAC online Public Access Catalogue is available for users to search and Identify resource materials through Web OPAC (URL- <https://lmscsmc.bterp.org/>) it is searchable by title, author, publisher, keyword, accession number etc. This software has modules like Acquisition, Circulation, Reports, Member, Budget,

Fee fine, OPAC. Barcodes labels for staff and students are also generated through the software. The library is well equipped, spacious with carpet area of 429.96 Sq. m. The reading room is well furnished to accommodate students at a time and having capacity of 180 students. Central library is consisting with good collection of engineering books it has about 4786 titles, 15404 volumes, including Text books, Reference books, Handbooks, Manuals, Communication skill books, Competitive exam books, Non-curricular books, CD's, Journals Bound Volumes, e-books, e-journals, national, international journals, and periodicals. Newly added books are displayed separately at the central place on separate stands. A well-equipped e-library with 10 nodes having internet connectivity is housed in the central library for access to e-resources. As the access facility to e-resources is multi-user and remote access to students can access the e-resources.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://scoea.org/agar_data/c4/4.2.1%20Integrated%20Library%20Management%20System.pdf

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)

6.64811

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

119

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

4.3 - IT Infrastructure

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

The college has a well-established IT-infrastructure to meet improved teaching-learning environment. In order to make students employable, institution offers variety of software programs that are updated on regular basis. These programs include MATLAB, Java, .NET Visual Studio-14, Android Studio-3.2, C, C++ Language, Autodesk Suite, Jupyter notebook, Anaconda, and Oracle. For academic and administrative assistance, the institution employs Smart School ERP system. Facebook, YouTube, Instagram, and other social media platforms are connected to the institution. Through its official website, www.scoea.org, the college is linked to society. With the installation of a CCTV system, every department is well-covered for student security and monitoring. Computer laboratory has highspeed 50Mbps LAN connection. Every departmental computer laboratory is equipped with computer system with Core-i3 CPU and 4GB RAM. Computer departmental laboratory is equipped with core-i3 and core-i5 processors, 8GB & 4GB RAM, and 500GB-HDD. The organization possesses copies of Windows licenses. The Autodesk suite is used by the Civil and Mechanical Department for Computer-Aided Drawing and drafting.

There are 380 PCs, 31 Wi-Fi access points, 39 printers, 07

scanners, 23-LCD projectors, 25-LAN switches, 31 CCTV with NVRs in AY 2022-2023 with two desktop servers (i7, 8GB RAM, 1TB-HDD).

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://scoea.org/aqar_data/c4/4.3.1%20Updation%20of%20IT%20facilities.pdf

4.3.2 - Number of Computers

380

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

41.49445

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.

To maintain the academic and support facilities in campus, the institution has established standard operating policies.

Laboratory: The relevant laboratory supervisor keeps the maintenance logbook, which is overseen by HoD. Skilled professionals perform calibrations, preventative, and breakdown maintenance of laboratory equipment.

Library: Through HoD, the departments submit book requests, and the Principal approves the final list of needed books.

Gymnasium and Sports Ground: The Physical Director oversees the upkeep of the outdoor sports field and accessories for indoor and outdoor games. After college hours, students are allowed to use the gym's amenities.

Computer facilities: Departments bring complaints regarding hardware and software issues to the maintenance committee, which oversees their routine maintenance. The institution's computer resources are also utilized for a variety of online examinations

A maintenance Committee at the institutional level is established to oversee the use and upkeep of the campus facilities. The roles and responsibilities of this committee are defined. Minor repairs for metal fixtures and furnishings are handled by the workshop department, while the electrical maintenance coordinator and his staff handle minor electrical repairs.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://scoea.org/aqar_data/c4/4.4.2%20Established%20system%20and%20procedure%20for%20maintaining%20facilitites.pdf

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

806

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

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

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

19

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

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

File Description	Documents
Link to institutional website	https://scoea.org/agar_data/c5/5.1.3%20Capacity%20building%20and%20skills%20enhancement%20initiatives.pdf
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

608

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

608

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

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

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

51

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

11

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

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

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

0

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded

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.

14

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
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 Student Council at our institution is a dynamic force, to arrange a wide array of activities to enrich the student experience. Departmental associations like ACES, EESA, MESA, and CESA functions regularly. SPPU's Board of Students welfares Students Council provide specialized platforms for students to showcase leadership and talent through a rigorous selection process, individuals are responsible for their roles such as cultural events in charge and sports in charge, ensuring the efficient organization of diversified events. Participation in external initiatives like Sakal's YIN council broadens the institutions reach and fosters valuable networking opportunities. From sports tournaments to cultural festivals and community service projects like Swachha Bharat Abhiyan, the council promotes a holistic approach to student development. Good efforts to defeat ragging and ensure a safe campus environment underscore its commitment to student welfare. By enhancing skills in planning, organization, and analysis, the council cultivates well-rounded individuals self-confident for success in both academic and personal spheres.

File Description	Documents
Paste link for additional information	https://scoea.org/aqar_data/c5/5.3.2%20Students%20representation%20and%20engagement.pdf
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

30

File Description	Documents
Report of the event	No File Uploaded
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 "SCSMCOE AHMEDNAGAR ALUMNI ASSOCIATION", established in July 2015, stands as evidence to the institution's connection with its graduates. With periodic alumni gatherings attracting around one hundred attendees each, the association promotes a vibrant network of former students. These gatherings serve as precious forums for feedback, where alumni, share their industrial experience and provide insights essential for refining the Program. Beyond feedback, alumni actively contribute to the institution's growth through various avenues such as book donations, guest lectures, and facilitating student placements. The association controls the modern communication platforms like Facebook, WhatsApp, and Alumni Portal available at the institutions ERP system to maintain ongoing interaction and collaboration. Additionally, a dedicated alumni portal further strengthens bonds between the institution and its graduates, fostering enduring relationships for mutual benefit. By aligning objectives with alumni suggestions, such as eco-friendly initiatives and infrastructure enhancements, the association supports institutional development.

File Description	Documents
Paste link for additional information	https://scoea.org/aqar_data/c5/5.4.1%20Alumni%20Association.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	E. <1Lakhs
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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: "Tejo Si Tejo Me Dehi"

The AJMVP'S, SCSMCOE is characterized by its commitment to its vision and mission, which focuses on empowering students with core values such as positive attitude, creativity, critical thinking, and sensitivity towards society. The governance structure of the Institute, comprising the Governing Body (GB), College Development Committee (CDC), and Principal, plays a crucial role in framing and implementing policies aligned with the Institute's vision and mission.

Under this governance framework, institutional practices are executed and monitored through various committees such as IQAC, Academic Monitoring Committee, and others. Meetings conducted by the CDC and GB ensure effective policy implementation and value addition in academic processes.

HoD organizes staff meetings for policy discussions. The Academic Dean prepares academic calendars and is responsible for Research & Development, Faculty Development, Student Affairs, Alumni Relations, and industry-institute interaction, ensuring the holistic development of the Institution. The T&P Officer facilitates industry collaborations and arranges campus interviews, while the Entrepreneurship Development Cell fosters entrepreneurial skills among students.

IQAC and committees coordinate and monitor, fostering institutional development. Alumni involvement boosts overall development through interactions. Central committees oversee aligned development, embodying the institutional dedication to excellence and improvement in a comprehensive governance structure.

File Description	Documents
Paste link for additional information	https://scoea.org/aqar_data/c6/6.1.1%20Governance%20is%20reflective%20and%20in%20tune%20with%20vision%20and%20mission.pdf
Upload any additional information	View File

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

Institution adopts decentralization and participative management, assigning distinct roles and responsibilities to staff members.

Participation of the teachers in decision-making:

Teachers actively engage in decision-making alongside the Principal, HoDs, and committees, shaping institution policies in alignment with its vision. Decentralized operations empower staff to enhance processes, guided by governance guidelines from the GB and CDC. Academic leadership fosters participative decision-making and cultural nurturing. Operational autonomy spans academic performance, curricular programs, and decision-making, empowering departments and student bodies. HoDs and staff enjoy autonomy in academic and administrative tasks, including workload allocation. The institution supports freedom in organizing events, competitions, and budget planning, ensuring a collaborative and dynamic environment.

Purchase of Equipment:

Faculty members are informed about laboratory requirements stemming from syllabus alterations or necessities. Laboratory supervisors submit detailed specifications. Heads of Departments integrate departmental needs, which are then sent to the purchasing committee. The principal presents these requirements for approval. Budget approval is sought and communicated to Heads of Departments. Quotations are obtained and a comparative statement is prepared. Final vendors are selected. Purchase orders are then placed, and equipment is subsequently delivered to respective departments through the central store.

File Description	Documents
Paste link for additional information	https://scoea.org/agar_data/c6/6.1.2%20Effective%20leadership%20such%20as%20decentralization%20and%20participative%20management.pdf
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 prepares strategic plan before commencement of academic year.

In Strategic Plan 2022-23, academic points such as Conduction of National Conference, Encouraging faculty for PhD admission, Increase research activities, Apply for a new UG Program, Increase in intake of Electronics and Telecommunication Engineering program. Additionally plan for Library, Administration, and other facilities was prepared

The deployment plan entails the systematic allocation of resources, personnel, and technology to execute strategic initiatives effectively. It involves coordinating activities, managing timelines, and ensuring alignment with organizational goals. "Inventions & Innovations in Science & Technology (I2ST-2K23)" National Conference, held on April 2023, showcased remarkable achievements. Five faculty members have embarked on PhD journeys, while four have secured patents. Additionally, an Artificial Intelligence and Data Science program sanctioned and commencing in the academic year 2023-24, has been sanctioned with an intake of 60 students. Furthermore, intake capacity for Electronics and Telecommunication Engineering has been increased to 60 students, effective from the academic year 2023-24. Established three new computer laboratories. Purchased 50 number of i5 computers. Solar Power Plant capacity increased from 20 KW to 60 KW. Purchased of 62.5kVA power generator. Purchased new books costing Rs. 4.98 Lakhs in library.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://scoea.org/aqar_data/c6/6.2.1%20Strategic%20and%20Perspective%20Plan.pdf
Upload any additional information	No File Uploaded

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

Organization has structured decision-making. Top entity includes Governing Body, College Development Committee and Internal Quality Assurance Cell.

Governing Body: The institution's highest body convenes to deliberate and guides and approves on academic, budgetary, and regulatory matters, comprising highly educated members.

Top of Form

College Development Committee: The College Development Committee adheres to the Maharashtra Public Universities Act, 2016, with representation from management, faculty, and non-teaching staff.

The Principal: demonstrates values and conduct through personal actions. Staff performance is assessed via feedback and skill analysis.

Internal Quality Assurance Cell (IQAC): IQAC plays a vital role by suggesting reforms in various academic and administrative areas.

Office Superintendent: acts as head of administrative sections.

Head of Department: Head of Department monitors and implements academic and administrative activities in the department by Principal orders.

Training and Placement Officer: To initiate and coordinate the industrial interactions related to training and placement activities.

The institution has established statutory committees including

internal complaint, Anti-raging, Squad, SC/ST cell, Student development and more. These committees ensure appropriate participation. Functional committees like examination, library, and academic monitoring aid central activities. Academic and administrative sections support various activities, promoting participation and transparency in the administration, reflecting decentralized authority.

File Description	Documents
Paste link for additional information	https://scoea.org/agar_data/c6/6.2.2%20Functioning%20of%20institutional%20bodies.pdf
Link to Organogram of the Institution webpage	https://scoea.org/org.php
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
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File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
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

Various welfare schemes are provided for the benefit of teaching and non-teaching staff in the institution which are listed below

- Vacation leave, and medical leave to eligible faculties.
- Study leave to faculty to conduct research, to attend FDP, conferences.
- Maternity leaves up to 6 months after completing probation

of 2 years.

- Partly financial support to faculty members to conduct research, and publish papers at various conferences.
- Financial assistance to attend FDP, Conferences, Workshops, and Seminars.
- Festival/ Medical advances are given to all employees who desire to avail.
- Free transport for non-teaching staff and for teaching staff.
- Guesthouse facility for faculties and staff on the campus on request.
- Documents to avail loans for needy staff members.
- Distribution of the revenue generated through consultancy activities such as testing, and online examinations to faculty, and staff.
- The institution has a Yoga center.
- The institution has installed an RO unit for potable drinking water on the college premises.
- Hygienic canteen facility.
- Compensative Off is given to faculty if worked on the holiday.
- Pantry for faculty members.
- Gymnasium and sports facilities after college hours.
- Doctor on-call: The doctor-on-call facility is available for all staff and students.

File Description	Documents
Paste link for additional information	https://scoea.org/agar_data/c6/6.3.1%20Effective%20Welfare%20Measures.pdf
Upload any additional information	View File

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

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

9

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

4

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	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

80

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	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 faculty performance appraisal system ensures quality education vital for student success. Utilizing the 360-degree Performance Appraisal, performance is evaluated comprehensively, motivating faculty to enhance efficiency and growth. Mandatory for faculty and staff, evaluations are conducted per semester, with Annual 360 degree Performance Appraisal form submissions based on defined parameters.

The parameters for the annual 360-degree appraisal forms are:

1. Teaching Process
2. Student Feedback
3. Departmental Activity
4. Institutional Level Activity
5. Annual Confidential Report
6. Contribution to Society

The staff performance appraisal system evaluates criteria like timely task completion, teaching skills, interpersonal relations in a team, and reliability. It involves straightforward procedures with department heads providing detailed evaluations, scrutinized by the Principal and a final grade is given. Following assessment, staff members are either recognized for their achievements or directed for further improvement. This inspection framework

extends to cherish as well, ensuring a comprehensive approach to performance evaluation within the institution.

File Description	Documents
Paste link for additional information	https://scoea.org/agar_data/c6/6.3.5%20Institutions%20Performance%20Appraisal%20System.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 institution undergoes annual internal and external audits to maintain transparency and accuracy in its financial reporting.

Internal Audit-

Separate Chartered Accountant appointed by the institution initially reviews the accountant's reports and observations. An internal approval system for all expenses is in place. Accordingly, bill/vouchers recommended by Staff/HoD of the department are approved by the Principal and finally Hon. Secretary of institute. Internal auditors regularly review all financial documents, maintaining particular expense records. Based on these, a comprehensive list of compliance requirements is provided to statutory auditor for auditing the institute's financial statements.

External Audit-

External audit conducted by Mr. Ashok S. Gurjar and S.V. Gurjar Company, Chartered Accountants, Ahmednagar. External audit, performed at the end of financial year by auditor, follows to mixed hybrid accounting method. Institution precisely maintains records of student fee collections, which are scrutinized by chartered accountants. Collaboration between the Principal, General Office, and staff facilitates audit process. Yearly audit reports are submitted, ensuring compliance with necessary regulations.

Mr. Ashok S. Gurjar and Company conducts both External Audit and Statutory audits annually, submitting comprehensive audit reports and financial statements to institutional authorities. Audited income and expenditure statements for previous year are readily accessible.

File Description	Documents
Paste link for additional information	https://scoea.org/aqar_data/c6/6.4.1%20Internal%20and%20external%20financial%20audits.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)

00

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

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

The institution's robust financial policy ensures efficient use of funds for academic, administrative, and developmental purposes, aligning with its vision and mission. Detailed provisions are made annually for optimal fund utilization. Management guidelines direct the regular maintenance of budget variance reports. As a self-financed entity, student fees, and University Grants constitute primary revenue sources, all overseen by certified accountants. The institution precisely monitors financial resource utilization through structured procedures.

Process of Budget Allocation and Mobilization:

Before each semester, the Head of Departments, with faculty support, assesses new equipment needs and maintains existing equipment records. Heads of Departments compile and submit annual budget reports to the Principal's Office. These proposals then proceed to the College Development Committee for approval. Chaired by esteemed officials including the Chairman and Principal. The Committee approves the departmental budget. Upon approval, detailed budget copies are distributed to department heads. The major resources of finance are in the form of fees collected from students i.e. tuition fees, development fees, and other fees which are as per Fees Regulation of Govt. of Maharashtra.

File Description	Documents
Paste link for additional information	https://scoea.org/agar_data/c6/6.4.3%20Institutional%20strategies%20for%20mobilization%20of%20funds.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

IQAC ensures quality in teaching and learning, aligning with the institution's vision and mission through regular reviews and recommendations.

Best practices of IQAC

Practices-1

1.Title: Mentoring and Parental Care

2.Objectives:

-Career development mentoring program for students to enhance skills.

-Mentoring program for students to give one-on-one guidance.

-Framework for positive interaction between Mentor-Mentee.

Mentoring aims to adopt positive individual growth through nurturing relationships, particularly targeting students from

rural or remote areas facing communication and confidence hurdles. All students are involved; each mentor handles upto 20 mentees. Mentors conduct various activities.

3.Evidence of success-

- Improvement in curricular activities.
- Increases participation in extra-curricular activities.

4.Problem Encountered and Resources required

- Mentees were reserved and reluctant to participate in discussions
- Scheduling activities was challenging, but mentor-handbook simplifies it.

Practice-2:

1.Title: SCSMCOE Smart School ERP System.

2.Objectives:

- To maintain, improve, and access information for planning and managing the institution.
- To facilitate services for students and staff.

Several academic and administrative tasks concurrently generate numerous files, challenging record-keeping. Implementing ERP system improves information accessibility. ERP includes Academic and Administrative modules, student portals, and more.

3.Evidence of success:

- Easy to access.
- Easy to monitor.

4.Problem Encountered and Resources required:

- Orientation session held and queries addressed.

File Description	Documents
Paste link for additional information	https://scoea.org/aqar_data/c6/6.5.1%20IOA C%20contribution%20for%20institutionalizin g%20quality%20strategies%20and%20processes .pdf
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

1. Use of digital teaching-learning resources:

Following IQAC's recommendation, the institution chooses for a student-centric approach, demanding changes across domains, including access to suitable teaching materials. Faculty and student engagement has increased, indicating the success of this shift towards enhanced teaching materials and methods.

2. Academic Monitoring System

The institution monitors academic activities regularly, reviewing faculty lectures monthly and at the semester's end. Slow and fast-learner students receive fortnightly monitoring, with remedial lectures, reducing defaulters. Co-curricular activities are encouraged, supported by a well-equipped gymkhana department, ensuring student safety and engagement with modern facilities like a basketball court and gymnasium.

- Learning outcomes:

Course outcomes are defined and provided to students. Progress is monitored by the Dept. Academic coordinator, and Head of Department through continuous assessment. IQAC oversees academic administrative reports submitted by each department for every term.

Some of the initiatives of IQAC contributing to incremental improvements are:

1. Infrastructural Development

2. Department Academic Committee

3. Continuing Education and Staff Development

4. Entrepreneurship Development

5. Enterprise Resource Planning

6. Industry-Institution Interaction

7. Research and Development

8. Student Development and Welfare

File Description	Documents
Paste link for additional information	https://scoea.org/agar_data/c6/6.5.2%20Institution%20reviews%20teaching%20and%20learning%20process.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)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Safety and Security:

The institution campus has security checks at the entrance. Identity card is mandatory for all students and staff in campus. The institution has installed CCTV cameras at different locations and has security guards. Special security and transport facilities are available for all students at the time of night events such as Utsav2K23. All corridors and laboratories are equipped with fire extinguishers. Fire marshal volunteer has been appointed for caring rescue operations at the time of emergency. In the institutions, various committees such as the Anti-Ragging Committee, Internal Compliant Committee, Student Grievances Committee, and Fire Committee are functioning as per the norms.

Counselling:

Mentee-mentor activity is one of the best practices initiated for counselling by the institution

A counselling committee is formed at the institutional level. Responsibilities of the counselling committee are as follows:

- Mentoring of Students
- Solving Personal problems of students
- Motivate Students

Common Room:

Girls common room is available with essential facilities like a first aid box, wash basin, washroom, feminine napkin vending machine, incinerator, chair, mirror, benches for seating, curtains for windows, dustbins, and lockers.

Boys common room is available with all the necessary facilities.

File Description	Documents
Annual gender sensitization action plan	https://scoea.org/agar_data/c7/7.1.1%20Annual%20Sensitization%20Plan.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://scoea.org/agar_data/c7/7.1.1%20Specific%20Facilities%20provided%20for%20women.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	B. Any 3 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

Institution practices waste management including solid waste management, liquid waste management, E-waste management and waste recycling systems.

Solid waste management:

Solid waste is collected in the campus and classified into degradable and non-degradable waste. Non-degradable waste is sent to the Municipal Corporation for further processing. Degradable waste is separated into solid and liquid waste. Institution generates mostly dry waste, so dry waste bins are provided in the campus. Wet waste is mostly generated at the canteen. Institution has vermicomposting plants to decompose waste and a good quality of manure is produced and utilized for gardening.

Liquid waste management:

Liquid waste is produced from washrooms, canteen and laboratories and is treated with the help of a septic tank.

E-waste management:

E-waste is referred to as discarded electrical or electronic devices. E-waste like keyboards, mouse, toner drums, compact discs, LAN cables, and CPU cell are given to e-waste consultants for recycling.

Waste Recycling System:

Old newspapers, journals, files, notebooks, books, answer sheets, forms, magazines, and metal scrap from workshops are given to external agencies for further recycling.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	https://scoea.org/waste_management.php
Any other relevant information	View File

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered

A. Any 4 or All of the above

<p>vehicles</p> <p>3. Pedestrian Friendly pathways</p> <p>4. Ban on use of Plastic</p> <p>5. landscaping with trees and plants</p>	
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File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

<p>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</p>	<p>B. Any 3 of the above</p>
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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	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

<p>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</p> <p>5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</p>	<p>A. Any 4 or all of the above</p>
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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	View File
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	View File

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 institution takes initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socio-economic and other diversities.

The institution celebrates various days and events to create an inclusive environment where students can learn about their significance. Republic Day and Independence Day are honoured to appreciate the sacrifices made by freedom fighters and the importance of the Indian Constitution. Events like tree plantation and cleaning drives promote environmental sustainability and teach students about their responsibilities. A blood donation camp was also held to raise awareness about the importance of safe blood donation.

To develop cultural harmony among the students institution organizes various cultural events like the annual social gathering- Utsav, Shivjayanti rally, and Ganesh festival on the campus.

Voter's Day is also celebrated to know the importance of democracy and to educate students about the significance of elections and how to actively participate. The institution also celebrates National Unity Day, Youth Day (Swami Vivekananda's birth anniversary), World AIDS Day, International Women's Day, Engineers Day, Teachers Day, and other commemorative days to inspire students and faculty members through the achievements of these great personalities.

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	View File

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

Our Institution organizes one-week induction program which focuses on students to identify individual roles and ethical responsibilities towards society and understand basic human rights in India and their implications. Our University SPPU also included subjects like Humanity and Social science Disaster management, Intellectual property rights and patents, Science of happiness, and Stress Relief in the curriculum.

Student's behaviour in the college premises must be polite and cooperative. Students should not indulge in any form of discrimination based on class, caste, gender or creed. The students should not behave in such a manner that will create lack of confidence among other students

Institution celebrates Independent Day and Republic Day every year so students should not forget the scarification of our freedom fighters and importance of Indian Constitution. NSS residential camp is organized in villages so students will understand their duties towards society. Skill-development program is organized for students. National Days and commemorative days are celebrated in the institution.

The teacher shall actively associate, involve, participate in all the college activities and programs irrespective of the department, he/she belongs to. He or she shall motivate his/her students likewise to actively involved, associate and participate in the various programs.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

<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 4. Annual awareness programmes on Code of Conduct are organized</p>	<p>A. All 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	View File
Any other relevant information	No File Uploaded

<p>7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals</p> <p>The institution encourages students to promote togetherness through active participation in national holidays such as Independence Day, Republic Day and Gandhi Jayanti. It extends this inclusive approach to honour various cultural, socioeconomic, ethical, and linguistic communities during special commemorative events like Mahatma Jyotiba Phule Jayanti, and Dr. Babasaheb Ambedkar Jayanti. The institution also celebrates Dr. Ranganathan Jayanti, and Gandhi Jayanti by organizing the cleaning of the campus drive, Dr. A.P.J. Abdul Kalam Jayanti as a Vachan Prerana Din, Constitution Day, Swami Vivekanad Jayanti, Sawitribai Phule Jayanti. This type</p>

of event is celebrated for students to know the work of our great fighters. Special consideration is given to students from specific communities seeking permission for prayers.

Adhering to university and government norms in employee recruitment and student admissions, the institution ensures fairness and equity through the Centralized Admission Process (CAP). Expert lectures and seminars prioritize inclusiveness and harmony, while equal growth opportunities are provided to both staff and students. Institute-level scholarships aid economically disadvantaged students.

By the guidelines of our Prime Minister, Mr. Narendra Modi ji institution celebrated Har Ghar Tiranga by organizing rally in the nearby village Nepti, and organized programs like Marathon - Run for Unity.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

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

Best Practice-1

1. Title: Jai Jijau Abhiyan: Empowering Girls

2. Objectives:

1. Offer technical exposure to broaden girls' personalities.
2. Providesupport and awareness to girls in crises.

3. The Context:

The institution vision is empowering girls in engineering with a focus on support, motivation, and skill development.

4. Practices:

1. Technical Development
2. Self-Development.
3. Institutional Initiatives.

5. Evidence of Success:

1. Improved self-confidence.
2. Placed in multinational companies.
3. Participation and success in various competitions.

6. Problem Encountered and Resources Required:

Girl students face difficulties in discussing issues like sexual harassment and physical problems.

Recourses Required-

1. Self-defence, Yoga and meditation instructors.
2. Personality development trainers.

Practice No- 2

1. Title of the Practice: Let Us Learn

2. Objectives:

Provide financial help to economically weaker students. Enrolled in earn and learn scheme and provide sponsorship.

The Context:

To get technical education for financially weaker backgrounds students from rural areas.

4. The Practice:

Providing financial help through Sanstha scholarships, grants and earn-and-learn programs.

5. Evidence of success:

Institution has approved Rs. 1,52,218/- institute level

scholarship for AY-2022-23

6. Problem Encountered and Resources Required:

1. The demand of scholarship is higher.
2. Open-category students not getting scholarship.

Resources Required

1. Sanstha Scholarship.
2. Earn and learn.
3. Other scholarship.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

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

"Technology for Social Upliftment and Rural Development"

The Institution is situated in a rural area with many economically disadvantaged students, in accordance with the vision, priority and thrust, the distinctiveness of the Institution is highlighted by emphasizing the fostering of entrepreneurial, leadership, projects and multidisciplinary skills, healthy surroundings and innovative platform for the enrichment of technical competency. Faculty actively encourages innovation, particularly in agriculture, by providing access to laboratories and workshops. Many students belong to agricultural backgrounds and focus on solving farming and societal challenges through technically innovative projects. Industrial visits, expert talks, internships, and workshops augment students' technical skills and awareness. The institution also promotes technical education among rural SSC and HSC students through seminars and campus visits. Participation of students in competitions like technical quizzes, poster presentations, and paper publications boosts students' confidence and experience.

Notable outcomes include

- i) Successful placement of students in reputable companies.
- ii) The adoption of students' agricultural projects by local farmers.
- iii) The development of entrepreneurship qualities.
- iv) The "Paperless Account Opening System" project developed by final year computer students is being utilized by India Post Office Ahmednagar.

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

7.3.2 - Plan of action for the next academic year

We have planned the following activities for the next academic year.

1. To increase the MoUs with industries and improve the number of industry-sponsored projects.
2. Implementation of National Education Policy-2020.
3. Increase in Skill Training Programs.
4. Inspire students for innovative projects.
5. Appointment of PhD qualified faculty.
6. Apply for NIRF.
7. Start a new program- Artificial Intelligence and Data Science (AIDS) from 2023-24.
8. Increase in intake of E&TC Department.