



## YEARLY STATUS REPORT - 2021-2022

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S COLLEGE OF ENGINEERING, PUNE
• Name of the Head of the institution	Dattatraya Shankar Bormane
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02026059562
• Mobile no	9850282286
• Registered e-mail	principal@aissmscoe.com
• Alternate e-mail	bdattatraya@gmail.com
• Address	AISSMS College of Engineering, 1 Kennedy Road, Pune
• City/Town	Pune
• State/UT	Maharashtra
• Pin Code	411001
<b>2.Institutional status</b>	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Urban

• Financial Status	<b>Self-financing</b>				
• Name of the Affiliating University	<b>Savitribai Phule Pune University</b>				
• Name of the IQAC Coordinator	<b>Dr C S Choudhari</b>				
• Phone No.	<b>02026058587</b>				
• Alternate phone No.	<b>9822446264</b>				
• Mobile	<b>9822446264</b>				
• IQAC e-mail address	<b>iqac@aissmscoe.com</b>				
• Alternate Email address	<b>cschoudhari@aissmscoe.com</b>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://aissmscoe.com/wp-content/uploads/2022/09/AQAR-2020-21.pdf">https://aissmscoe.com/wp-content/uploads/2022/09/AQAR-2020-21.pdf</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://aissmscoe.com/academics/academic-calendar/">https://aissmscoe.com/academics/academic-calendar/</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A+</b>	<b>3.29</b>	<b>2017</b>	<b>26/09/2018</b>	<b>25/09/2023</b>
<b>6.Date of Establishment of IQAC</b>			<b>21/08/2017</b>		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Department of Mechanical Engineering	MODROB	AICTE	2021	1718500/-
Department of Electronics and Telecommunication Engineering	MODROB	AICTE	2021	1474730/-
<b>8. Whether composition of IQAC as per latest NAAC guidelines</b>		<b>Yes</b>		
<ul style="list-style-type: none"> <li>Upload latest notification of formation of IQAC</li> </ul>		<a href="#">View File</a>		
<b>9. No. of IQAC meetings held during the year</b>		<b>2</b>		
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>		<b>Yes</b>		
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>		No File Uploaded		
<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>		<b>No</b>		
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>				
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>				
1. Preparation for NBA Accreditation for Six programs of the institute.				
2. Implementation of the practice of Course activity for providing experiential learning.				

3. Establishment of a center of excellence for teaching and learning.

4. Received a grant of Rs.28 lacs from AICTE under the MODROB scheme.

5. Establishment of Solar Energy Society of India (SESI) student's chapter

**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
1. Conduction of Academic and Administrative Audit	Academic and Administrative Audit of all the departments was conducted.
2. Standardization of different academic processes	Formats for various feedbacks, academic calendar, result analysis etc were prepared and implemented.
3. Conduction of project exhibition	Department and institute level project exhibitions were conducted.
4. Strengthening teaching, learning and academic processes	Awareness sessions about outcome based education for students and faculties were conducted.
5. Conduction of IPR related activities	Innovation and startup week was celebrated.

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

Yes

- Name of the statutory body

Name	Date of meeting(s)
CDC	22/04/2022

**14. Whether institutional data submitted to AISHE**

Year	Date of Submission
2021-22	20/01/2023

### 15. Multidisciplinary / interdisciplinary

The institute is affiliated with Savitribai Phule Pune University, which presents certain limitations in curriculum design. Nonetheless, the institute has taken multiple initiatives to promote interdisciplinary academic activities. The curriculum now includes subjects such as robotics, mechatronics, IoT, and sensors. Additionally, the institute offers a variety of value-added courses, providing students with an interdisciplinary education approach. The institute encourages participation in curricular activities from students of all disciplines through various student associations. The curriculum also covers topics such as energy conservation, environmental pollution, sustainable development, and human rights. Extension lectures are organized on a range of subjects, including commerce, finance, banking, innovation, and startup. In the student recruitment process for various clubs, special efforts are made to include students from diverse backgrounds. The institute has initiated a PG course such as IoT and Sensors, which is open to any engineering graduate.

### 16. Academic bank of credits (ABC):

The institute, affiliated with Savitribai Phule Pune University (SPPU), Pune, is working towards establishing the concept of an Academic Bank of Credits (ABC) to provide academic mobility to students. The university's curriculum is based 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 to facilitate credit transfer mechanisms. The ABC system is expected to benefit students who want to pursue interdisciplinary courses and have a flexible learning experience. By promoting lifelong learning and credit recognition across institutions, the ABC system aims to provide greater access and equity in the education system.

### 17. Skill development:

The institute 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. Over 20 student chapters of professional bodies regularly organize workshops, providing students with hands-on experience while working alongside professionals from various sectors. To further facilitate skill development, the institute has established several committees, including a training committee, an entrepreneurship and skill development committee, a competitive examination committee, and an innovation, IPR, and startup committee. These committees provide different platforms for both students and faculty to enhance their skills, improve employability, and become more professionally competent.

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

The appropriate integration of Indian knowledge system in education is a core value at AISSMS COE, where leadership and cultural heritage, honesty and integrity, freedom of thought and expression, and social responsibility are the guiding principles. To achieve this, the institute organizes various activities that promote Indian culture, language, and traditions.

For instance, the institute hosts cultural activities, motivational talks, and celebrations of anniversaries of great Indian leaders to foster holistic development among students. Additionally, health camps, yoga day celebrations, blood donation camps, traditional day celebrations, teachers day, gurupornima celebration, Constitution of India day celebration, and other extension and social activities are organized to sensitize students towards societal issues and promote civilized behavior.

The institute also organizes annual sports and cultural functions such as "Shivanjali" and "Ashwamedh" to celebrate Indian and local culture through various performances. Furthermore, active NSS units and Sports and Cultural Committees promote Indian ethos among students by organizing various activities.

To further promote Indian language and implement the three-language formula, the college magazine is published with three sections of Marathi, Hindi, and English. Overall, the institute is committed to the appropriate integration of Indian knowledge systems in education by incorporating Indian culture, language, and traditions into the curriculum and providing a holistic learning environment that celebrates India's rich cultural heritage.

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

At AISSMS COE, there is a strong focus on Outcome-based education (OBE) that is designed to impart the necessary skills, knowledge, and competencies to students. The institution has a well-structured curriculum that is aligned with the industry's current demands and requirements, allowing students to learn and develop the necessary skills that are in demand.

To achieve this, the institute has set clear learning objectives for each course, ensuring that students acquire the requisite knowledge and skills. Regular assessments are conducted to evaluate the student's progress and provide them with constructive feedback to improve their learning.

Furthermore, the faculty members are trained and equipped with the necessary tools and techniques to impart education using the OBE model. They work collaboratively with the students to ensure that the learning process is engaging and interactive, providing a better understanding of the subject matter.

The institute also provides a supportive learning environment to help students achieve their academic goals. It offers various resources, including libraries, laboratories, and academic support programs, to enhance students' learning outcomes.

In addition, the institute also encourages students to participate in extracurricular activities that help them develop their interpersonal and leadership skills. These activities help students develop their confidence, critical thinking abilities, and communication skills, which are essential outcomes of OBE.

Overall, the institute's emphasis on OBE ensures that the students are well-prepared for their careers and have the necessary skills and knowledge to succeed in their chosen fields.

**20.Distance education/online education:**

The institute is committed to delivering high-quality education using modern technology and teaching methodologies. The institute has adapted to a hybrid mode of education post-pandemic, with all academic activities carried out online during the pandemic. To support online learning, faculty members have used various online platforms such as MS Teams, Zoom, Google Classroom, and Moodle and incorporated different ICT tools in the teaching-learning process. The institute encourages the use of virtual labs and industry visits to provide practical experience to the students. Additionally, students are motivated to join online courses on platforms such as Swayam, Coursera, EDx IIRS, and Ekeeda.

To support distance and online education, the AISSMS COE library has taken proactive measures. The librarian serves as an ambassador for DOAJ, and remote access to research papers and eBooks is available for the students. The institute's online learning platforms are designed to provide students with flexibility and convenience, enabling them to access course materials, lectures, and assignments from anywhere, at any time. The institute uses a range of online tools, including virtual classrooms, video lectures, and discussion forums, to facilitate interactive learning and student engagement.

### Extended Profile

#### 1.Programme

1.1	663
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

#### 2.Student

2.1	575
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.2	327
Number of seats earmarked for reserved category as per GOI/ State	



Govt. rule during the year		
<b>File Description</b>	<b>Documents</b>	
Data Template	<a href="#">View File</a>	
2.3		<b>772</b>
Number of outgoing/ final year students during the year		
<b>File Description</b>	<b>Documents</b>	
Data Template	<a href="#">View File</a>	
<b>3.Academic</b>		
3.1		<b>166</b>
Number of full time teachers during the year		
<b>File Description</b>	<b>Documents</b>	
Data Template	<a href="#">View File</a>	
3.2		<b>167</b>
Number of sanctioned posts during the year		
<b>File Description</b>	<b>Documents</b>	
Data Template	<a href="#">View File</a>	
<b>4.Institution</b>		
4.1		<b>46</b>
Total number of Classrooms and Seminar halls		
4.2		<b>606.77</b>
Total expenditure excluding salary during the year (INR in lakhs)		
4.3		<b>1199</b>
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 AISSMS is affiliated with SPPU Pune, and the Principal receives inputs through IQAC, Department Advisory Board, and Academic Coordinator to prepare the academic calendar for the academic session. Both the Institute and Department academic calendars include curricular, co-curricular, and extracurricular activities to ensure effective implementation and delivery of the curriculum. Teachers use an outcome-based course curriculum framework, including unit-wise learning outcomes and test problems mapped to COs, to create their teaching plans. A closed-loop system is in place to ensure effective curriculum delivery, as shown in the enclosed documents.

At the end of each semester, CO and PO mapping and assessment are conducted to identify strengths and weaknesses in course delivery components. Unit-wise tests are conducted, and the results are displayed to track students' academic progress. The Head of Departments holds periodic meetings with the Principal to discuss mid-term academic progress. Assignments, seminars, guest lectures, projects, PBL, and industrial visits are used as effective learning tools for students.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://aiissmscoe.com/academics/process-manual/">https://aiissmscoe.com/academics/process-manual/</a>

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

The Academic Calendar at the AISSMS is a well-planned document that outlines all the academic activities for the continuous internal evaluation process. It is prepared by the Academic Coordinator in consultation with the HoDs and is approved by the Principal. The calendar is uploaded on the college website and displayed on notice boards to inform the students about the academic schedule for the

entire session.

Although the Principal is the only authority to make minor changes to the Academic Calendar, it may be modified based on unforeseen circumstances. For instance, several changes were made on examination dates during the COVID-19 pandemic as per the University's directives.

Each department also prepares its own academic calendar based on the Institute's Academic calendar and circulates it to all students and faculty members. The department calendar is more specific, including details such as internal evaluations, class tests, assignments, industrial visits, etc.

Course teachers announce the syllabus, curriculum plan, course outcomes, and objectives and display question banks, class tests, and assignments. Assignments are submitted by students as per the dates given in the Academic Calendar, and sometimes by the course teachers. During online teaching, Microsoft Teams, Google Meet, and Google Classroom were used for lectures, assignments, tests, etc.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	<a href="https://aissmscoe.com/coe/naac2021/Criterial">https://aissmscoe.com/coe/naac2021/Criterial</a>

**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.**

**A. All of the above**

**Academic council/BoS of Affiliating University**  
**Setting of question papers for UG/PG programs**  
**Design and Development of Curriculum for Add on/ certificate/ Diploma Courses**  
**Assessment /evaluation process of the affiliating University**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	No File Uploaded

## 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

15

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

### 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)

73

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

801

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

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

The institute recognizes the importance of integrating crosscutting issues into the curriculum to prepare students to become responsible and ethical professionals. The institution has incorporated topics related to Professional Ethics, Gender, Human Values, Environment, and Sustainability across various programs and courses.

The curriculum is designed to raise awareness and develop critical thinking skills among students to address the complex challenges related to these issues in their respective fields. The courses focus on developing ethical values and promoting responsible behavior, ensuring gender equality and promoting diversity, fostering human values such as empathy, compassion, and social responsibility, and raising awareness about environmental issues and promoting sustainable practices.

The institution has also introduced activities such as seminars, workshops, and expert lectures to sensitize students and faculty members towards these issues. The institution encourages research and innovation in these areas, providing opportunities for students and faculty members to work on projects related to these issues.

Through the integration of crosscutting issues into the curriculum, AISSMSCOE aims to develop socially responsible professionals who are equipped to address the challenges faced by society and contribute towards sustainable development.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

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

27

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
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	<a href="#">View File</a>
Institutional Data in Prescribed Format	<a href="#">View File</a>

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

2887

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

## 1.4 - Feedback System

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

**A. All of the above**

File Description	Documents
URL for stakeholder feedback report	<a href="https://aissmscoe.com/stakeholders/">https://aissmscoe.com/stakeholders/</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	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**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://aissmscoe.com/stakeholders/">https://aissmscoe.com/stakeholders/</a>

**TEACHING-LEARNING AND EVALUATION**

**2.1 - Student Enrollment and Profile**

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of students admitted during the year**

575

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**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**

265

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 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

After the first-year admission process, the institution gathers data on new students from the ERP system. This data includes information about their academic and family backgrounds, as well as their skills, hobbies, and interests. Analyzing this data helps assess the learning levels of each student.

To identify slow and advanced learners, the Guardian Faculty Member (GFM) and subject teachers regularly assess the students' performance in class tests. Additionally, the Department of First Year Engineering (FE) organizes a one-week e-Student Induction Program (eSIP) at the beginning of the academic year. The eSIP includes activities like yoga sessions, motivational talks, and health awareness programs.

Weekly virtual meetings are held among the GFM, mentors, and teachers to discuss and understand the students' learning levels. Based on this evaluation, special activities are organized to cater to the needs of advanced and slow learners. Advanced learners participate in virtual industry visits and in-house mini-projects, while slow learners receive extra lectures and special notes.

The college also offers soft skill training and counseling sessions to enhance students' overall development. These provisions aim to equip students with essential skills beyond their academic curriculum.

By implementing these measures, the institution ensures that students receive personalized attention and support based on their individual learning needs. This approach creates a conducive learning environment and promotes holistic growth.



File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
3105	166

File Description	Documents
Any additional information	<a href="#">View File</a>

## 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

Various instructional methods and pedagogical initiatives in online and offline mode are adopted for student centric methods. The faculty provides a platform to students to explore independently, learn through self-study and from their peers, guides them to develop effective and lifelong skills. Faculty have developed e-content, YouTube videos and posted it on online platforms. Practical of some subjects are conducted through virtual lab.

Some of Student centric methods used are:

**Project based learning:** A team of 3 to 6 students works cohesively on a project/problem guidance of a mentor

**Active learning:** The faculty adopt active learning by involving students in the learning process more directly through following activities such as Brain storming, quiz, debate, group discussions etc.

**Collaborative Learning:** Student teams works jointly to solve a problem, complete a task/project, participating in debates or design a product under clubs like DAEXUS, codigomadrid, e-Baja,Supra, BAJA, Garudashwa etc

**Cooperative Learning:** Students work together to maximize their own and each other's learning in student chapters and also while

performing various activities like Aim & Drop, Bouncing Ball, Coin Drop, etc.

Experiential learning: Field based experiential learning like Internship and class based experiential learning like role plays etc are practiced.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	Nil

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

The classrooms and laboratories are ICT enabled with projectors installed and the campus is enabled with high speed wi-fi connection. Integration of ICT in teaching has very important significance on the learning attitude of students, creativity, knowledge construction, learning environment, teaching strategies, problem solving skills and understanding concepts using different tools. The various ICT tools used by faculty are:

Learning Management Systems(LMS): Microsoft Teams, ERP, Google applications, Canvas are used for online teaching and to share course related information like notes, assignments, tests, question bank, reference material, quiz, Lab manuals, Lecture videos, etc.

Virtual Labs and simulation software: Different simulation software like MATLAB, AUTOCAD, WEKA, ETAP, etc; are used to carry out experiments in the laboratory. Along with laboratory experiments prescribed by university syllabus, one or more additional virtual lab experiments (from IIT web portal) are conducted for a few labs.

Faculty also use lecture videos of NPTEL/MOOC courses for better understanding of few topics.

Online drawing tools: Wacom tablet ,concept maps, mind maps are used to teach mathematical subjects and drawings.

Other tools like Kahoot , GitHub, Pots, smart boards, PPTs, demonstration videos, Google Colab, Padlet, Spinning wheel are used

to improve the effectiveness of the teaching- learning process.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

### 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

145

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

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

166

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	No File Uploaded

#### 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

60

File Description	Documents
Any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

### 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

2085

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## 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 academic year 2021-22 began with a hybrid mode of learning that combined in-person instruction with online components due to the Covid-19 pandemic. The use of online tools and platforms, such as video conferencing and interactive software, allowed colleges to continue providing quality education while ensuring the safety of students and staff. The term I was conducted in hybrid mode until December 2021, after which academics continued in offline mode.

To ensure preparedness, the institute implemented a parallel mechanism, and complete transparency was maintained in all internal evaluations. Various assessment tools such as presentations, open book tests, MCQ, assignments, group discussions, and case studies were introduced to evaluate the performance of the students. Term work (TW) assessment was evaluated based on the performance of the students during practical sessions, and project work assessment was conducted twice a semester, with project exhibitions arranged for BE

students.

For PG students, the assessment process consisted of continuous assessment (CA) and an end-semester examination. The CA, which contributed to 50% of the marks, was conducted through various evaluation methods such as written tests, term papers, seminar presentations, short quizzes, assignments, and mini-research projects.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	Nil

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

SPPU and the Institute have established a mechanism for transparent evaluation and grievance redressal of students. The evaluation process consists of formative and summative assessments, and grievances are categorized accordingly. The College Examination Officer (CEO) is appointed to address examination and evaluation-related problems, and students can apply for grievance redressal through the CEO. Grievances related to formative assessment are forwarded to the department, and HoDs and teachers try to resolve grievances related to internal evaluation.

For summative assessment grievances, SPPU invites online applications for photocopies of answer books, and students can apply for rechecking or revaluation if they are not satisfied with the assessment. In case of criticality, the CEO provides necessary assistance to the aggrieved student. Overall, the Institute has adopted a fair and transparent evaluation process for students and follows the guidelines prescribed by SPPU. The mechanism ensures transparency, and fairness, and provides a platform for students to voice their grievances and seek redressal.

During an online examination, if any student finds ambiguity in a question, eg. given options are not correct, students may report it as an invalid question. A committee at the university takes cognizance and validates the grievance.

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

## 2.6 - Student Performance and Learning Outcomes

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

Institute has well-defined Program outcomes (PO), program-specific outcomes (PSO), and course outcomes (CO) for all programs.

Teachers are conversant with POs, and PSOs of the programs as they are involved in the PO PSO formation process. The vision and mission of the college are discussed in meetings. The head of the department and teachers discuss and frame POs and PSOs of the programs which are in line with the Graduate Attributes Vision, and Mission of the Institute.

POs and PSOs are displayed for teachers and students at the following locations:

- Institute website
- HOD cabins
- Notice Boards
- Department laboratories
- Department Library

The principal delivers the address to all newly admitted first-year students and their parents in the induction program. During this address institute's vision, mission, and program objectives are stated.

Every course teacher discusses expected course outcomes with students at the beginning of each semester.

POs, PSOs, and COs are mandatory parts of the course file prepared by the course teacher.

These are attached to the course journals of each student.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	<a href="https://aissmscoe.com/computer-engineering/introduction/">https://aissmscoe.com/computer-engineering/introduction/</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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

The PSOs, POs and COs are designed using the top-down approach. Each course has specific measurable course outcomes. Each course has 6 units and in general, each unit relates to a specific course outcome. Each course outcome is mapped with the Program outcomes and program-specific objectives. While calculating the attainment level bottom to top approach is used. For each course, the attainment level of all course outcomes is arrived at rigorously based on the student performance in the internal and external examinations. and course-end survey. CO attainment contributes to PO-PSO attainment. Internal assessments may include assignments, tests, Continuous Assessment (CAS), etc., while external assessments comprise university theory exams, orals, term work, practicals, seminars, projects, Exit surveys, alumni, and employer surveys are conducted for indirect assessment of the PO-PSOs.

- Overall attainment of CO = 80% CO attainment from Direct method + 20% of CO attainment through Indirect method

Overall attainment of CO = 80% CO<sub>dir</sub> + 20% CO<sub>indir</sub>

PO and PSO attainment:

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

- Direct Attainment of PO = Average of attainments of all CO contributing to the specific PO.
- Overall attainment of PO = 80% attainment through the direct method + 20 % through the indirect method

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	Nil

### 2.6.3 - Pass percentage of Students during the year

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

801

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for the annual report	<a href="https://aissmscoe.com/chemical-engineering/annual-reports/">https://aissmscoe.com/chemical-engineering/annual-reports/</a>

### 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://aissmscoe.com/coe/naac2021/Criteria2>

### 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)

24.89



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

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

#### 3.1.2.1 - Number of teachers recognized as research guides

13

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

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

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

2

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	<a href="https://www.aicte-india.org/">https://www.aicte-india.org/</a>

## 3.2 - Innovation Ecosystem

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

The institute have formed the Institutions Innovation Council Cell which was headed by Dr V N Patil.Council set in 2019-20 and

participated in different competitions like SIH, IICDC etc. Many faculties and students attended online MIC - sessions on start-up Innovations. We have Industry Institute interaction and I connect cells connected with IIC in this academic year (2021-22). The detailed report of IIC is also uploaded for additional information.

The institute provides support in terms of financial, academic, infrastructural facilities, human resources required and timely administrative decisions to enable students and staffs for participating in the various technical activities. The activities such as SUPRA, BAJA, GOCART, ROBOTICS, EFFICYCLIC, ENDEAVOUR, Garudashwa, are financially supported by the institute. Since last five years the institute is participating in various completions at national and international levels. For preparation of the competition, a special facility like special internet line, library and the workshop facilities has been given 24 x 7 to all the enrolled students. Required infrastructure in terms of space, equipment and support facilities are available in the campus for the competition.

<http://aissmscoe.com/startup-innovation-cell/introduction/>

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://aissmscoe.com/startup-innovation-cell/introduction/">http://aissmscoe.com/startup-innovation-cell/introduction/</a>

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

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

86

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.3 - Research Publications and Awards

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

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

22

File Description	Documents
URL to the research page on HEI website	<a href="https://aissmscoe.com/academics/research/">https://aissmscoe.com/academics/research/</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

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

104

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

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

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

28

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.4 - Extension Activities

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

Institute mainly focuses on service to society through quality education. To meet this vision, institute facilitates the student in various social and technical activities. Institute has conducted social and technical activities for sensitising and motivating the students to social issues with holistic development. Social activities includes blood donation camp, swachha bharat abhiyan, green campus, tree plantation, traffic rule awareness, road safety awareness program etc and many more such programmes through NSS. Similarly to enhance the technical knowledge of students, institute provides and permits the students to participate in the various national and international technical events and competitions such as BAJA, Supra, Epicycle, Go-kart, Garudashwa, Aeromodeling etc.

Various student chapters under various professional bodies were formed for the students at departmental levels. Students actively participate and organises various events through these chapters as per the departmental needs and requirements for overall development of students.

Technical activity enhances the technical knowledge of student in the field of design, analysis, manufacturing and testing of different vehicles. Through these activities student improves their qualities such as time management, project management, costing, marketing skills, event management, communication skill etc. Similarly social activities enhances and creates social awareness and responsibilities in the students.

File Description	Documents
Paste link for additional information	<a href="https://aissmscoe.com/students-club">https://aissmscoe.com/students-club</a> , <a href="http://aissmscoe.com/student-chapters/student-chapters/introduction/">http://aissmscoe.com/student-chapters/student-chapters/introduction/</a>
Upload any additional information	No File Uploaded

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

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

1

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

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

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

110

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

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

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

22716

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 3.5 - Collaboration

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

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

961

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

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

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

68

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

## 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 infrastructure has adequate facilities to fulfill the norms laid by AICTE, DTE, and SPPU. The physical infrastructure includes 38 classrooms, 9 tutorial rooms, 74 laboratories, and 8 seminar halls. The classrooms and seminar halls are equipped with LCD projectors, Internet connectivity, digital smart boards, well-finished furniture, ventilation, and lighting. The laboratories are equipped with state-of-the-art machines/equipment, such as Chassis Dynamometer, Universal testing machine, etc. The laboratories also have open-source and latest proprietary software like MatLab, ANSYS, AUTOCAD, etc. Recently, the institute purchased Satellite communication uplink transmitter, Total station, Gas Calorimeter, Five channel gas analyzer, Smoke meter, 3D printer, Polariscopes, and more. The institute has a central research laboratory with an Environmental Discovery System (EDS) for waste water treatment and water purification processes. The workshop comprises fitting, carpentry, welding, blacksmith, and tin smithy shops. The institute has a massive network of 1199 computers with 500 Mbps bandwidth and a centralized firewall Cyber-roam. Enterprise Resource Planning (ERP) and SLIM 21 are used for automation in the institute. For physically impaired (Divyangjan) students, the institute provides ramps, elevators, and other facilities. The electronic surveillance system has been installed to identify malicious activities on campus. Separate housekeeping and security agencies have been appointed for the security and cleanliness of the institute.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

A well-established Gymkhana Department can play a vital role in promoting sports and cultural activities within an institute and can also help in developing the overall personality of the students. The College encourages the students to participate in various University, State and National level Sports Competition. Our student Pranav parth secured Gold medal in 100 m run and 200 mts run at Jain University, Bangalore and Mangalore University, Mangalore (Karnataka

). Our student Viraj Deshpande secured Gold medal and in State Level Kickboxing Championship. Our College Table Tennis Team (W) Secured Silver Medal in Zest 22 organized by College of Engineering, Pune. Our College organized Chhatrapati Shahu Maharaj Football Tournament Inter-Collegiate State level Football "Shahu Trophy 2022" from 31st October 2022 and 2nd November 2022. In Shahu Football Trophy, total 16 teams ie 256 players participated in the tournament. Our College also organized the "Inter Zonal football" men and women tournament from 4th to 6th November 2022 where total 128 men and women players participated in the competition. Under culture activities, college had won Firodia Karandak 2022. Final round took place at "Lokshahir Annabhau Sathé Sabhagruha" on 19.03.2022. Our college received total 14 prizes including the coveted trophy for the first time in the history of college.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

46

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://aissmscoe.com/coe/naac2021/Criteria4/4.1.3">https://aissmscoe.com/coe/naac2021/Criteria4/4.1.3</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 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)

606.77



File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

Integrated Library Management System is used to manage different functions of library. Library is automated with System for Library Information Management (SLIM) software having version 21. Library collection can be browsed / searched on Intranet using SLIM21 OPAC module. SLIM21 helps for catalogue books, e-books, articles, reports, serials publications that contain information so vital to institute. SLIM21 cataloguing adheres to popular international standards. This software has modules like Acquisition, Cataloguing, Circulation, Serial Control. Acquisition modules & Cataloguing Module is utilized for generating accession register reports, adding Bulk student's record, updating item lending policy and its status. Circulation module has books issue, return, and reserve options. Various reports such as loan borrower, item inventory status, circulation status summary, item transactions and operator wise transactions can be generated in this module. Similarly, library barcodes are also generated through this module making cumbersome library work simpler, effective, and time is saving. Serial Control module maintains the record of print journals and track of subscribed issue in the library. Generation of expected arrival schedule of loose issues can be generated in serial control module. The number of transactions carried out through this software in academic year 2021-22(transactions up to December 2022) is 19223.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	Nil

**4.2.2 - The institution has subscription for the following e-resources e-journals e-** A. Any 4 or more of the above

### ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

### 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)

40.44

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

### 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

120.4

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

### 4.3 - IT Infrastructure

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

The institute possesses a robust IT infrastructure that conforms to the standards set by AICTE and the University. It has a total of six

system software and 62 application software, which include MATLAB, ANSYS, etc. that are accessible at the institute level. The software undergoes continuous updates; for instance, MATLAB has been updated from version 10 to 16, and ANSYS has been updated from version 10 to 17. The laboratories are equipped with the latest version of computers such as i3, i5, and i7. There is also a well-established language lab to facilitate communication skills. The institute has access to high-end IBM Xenon, HP pro ML10 GB, Window server, and Learning Management System (LMS)-Moodle. The network has a total of 1199 computers with 500 Mbps Internet connectivity and Wi-Fi facilities. It employs a centralized firewall Cyber roam for internet security. The institute has implemented the educational Enterprise Resource Planning (ERP) software that comprises 20+ modules. The centralized maintenance system operates separately. Moreover, there is a central computing facility with 100 Intel core i3 computers equipped with high-speed internet connectivity. The campus-wide LAN facility incorporates a 3-Layer Switching (Core, Distributed, and Access) network with core layer switches connected through the Optical Fiber Ring Network. The network is equipped with 100/1000 Mbps (Gigabit Switches).

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 4.3.2 - Number of Computers

1199

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	<a href="#">View File</a>

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

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 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)

606.77

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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

The institute strictly adheres to established protocols and procedures for maintaining its physical, academic, and support facilities, as outlined in its maintenance policy statement. College-level committees oversee various aspects of facility utilization and maintenance, including general civil maintenance, repair and maintenance of laboratory equipment, and budget allocation. Equipment maintenance history cards are maintained to track maintenance, repair, and calibration. The classrooms, laboratories, seminar halls, and library facilities are in regular use, and the institute is regularly fumigated by a third-party housekeeping agency. The garden is maintained by an appointed gardener, while computer-related facilities are under annual maintenance contracts with third-party providers. Maintenance of water coolers, EPABX system, and air conditioners are outsourced to external agencies. The physical director is responsible for the sports facilities, including large open grounds for cricket, football, volleyball, and

basketball, as well as a gymnasium. The institute provides emergency exits and a fire fighting system for safety.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

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

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

1996

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
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)	<a href="#">View File</a>

#### 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

86

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

**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	Nil
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

**2219**

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

**2219**

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student**

**A. All of the above**

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

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

## 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

538

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

### 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

26

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

**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**

40

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

**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.**

48



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

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 General Students' Association (GSA) was established for student development through academic, co-curricular, and extracurricular activities. The committee, led by the Principal and consisting of faculty members, has several sub-committees like Student Grievance, Anti-Ragging, Cultural, Sports, Technical Events, NSS, and Professional student chapters. The Student Grievance committee addresses discipline among students and resolves their grievances, while the Anti-Ragging committee ensures there are no ragging incidents in the Institute. The Cultural committee organizes activities like "Shivanjali" and "Ashwamedh," where students showcase their skills and have achieved notable success in intercollegiate competitions like Firodiya Karandak and Purushottam Karandak. The Magazine committee publishes "Shivdarpan," the annual magazine that features student articles, poetry, and interviews with eminent personalities. The NSS Committee conducts activities Blood Donation Camp, Swachha Bharat Abhiyan, Yoga Day, Tree Plantation, etc. The Institute also organizes "Engineering Today" where Institute allow students to showcase their skills and knowledge in various competitions. Our students participate in BAJA, SUPRA, Aero-modelling, Go-kart, Efficycle, etc. at national and international levels. Additionally, the Student chapters associated with professional bodies provide students with practical experience and industry knowledge, giving them a competitive edge in their careers. Moreover, the "Coffee with Alumni" initiative facilitates interaction between students, alumni, and faculty members, providing valuable networking opportunities for future career prospects.

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

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

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

6

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

**5.4 - Alumni Engagement**

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

The Alumni Association was established by the Institute in the academic year 2014-15, replacing the previous informal department-wise alumni meets. The main objectives of the association are to promote interaction between alumni and the Institute, encourage regional chapters, support student placement and research, mentor students for personal and professional development, provide scholarships, and promote industry-institute interaction. Other goals include promoting computer and internet literacy, organizing debates, supporting environmental conservation and disaster relief efforts, and publishing materials for public interest. The alumni association contributes significantly to the Institute's development and benefits students through various activities such as training, lectures, guidance sessions, visits, and mentoring.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

File Description	Documents
Upload any additional information	No File Uploaded

**GOVERNANCE, LEADERSHIP AND MANAGEMENT**

**6.1 - Institutional Vision and Leadership**

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

It is commendable that AISSMSCOE was able to adapt to the challenges brought about by the COVID-19 pandemic through a combination of online and offline modes of operation. This allowed for the continuity of quality education and the maintenance of a motivational work culture in administration, governance, and leadership. It is also noteworthy that the Institute's vision and mission are aligned with the needs of society and are focused on providing quality education through leading-edge technology.

The governance structure of the Institute, which includes the Governing Body, Governing Council, College Development Committee, Departmental Advisory Board, and Internal Quality Assurance Cell, is designed to facilitate evolutionary reforms and position the Institute as a preferred choice for all stakeholders. The involvement of members from various fields of society ensures a well-rounded perspective in decision-making.

A valuable approach to decision-making at the Institute is the culture of delegation of authority through strategic policies, and the participation of many committees and coordinators in the process promotes a collaborative approach. Transparency and accountability are encouraged by this structure, which is crucial for success and long-term viability.

overall, it is noteworthy that AISSMSCOE is dedicated to high

quality education and innovative ways of leadership and administration.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

AISSMS COE's strategic planning process is a comprehensive and well-executed approach to addressing the needs of the institution and its stakeholders. The focus on enhancing the growth of employees and all-round development of students, along with building quality infrastructure, is essential for producing quality engineers and contributing to society's needs.

The institution's efforts in monitoring the teaching-learning process through various tools and techniques such as Google Forms, continuous assessment, project presentations, and unit tests show a commitment to ensuring the quality of education provided to students. The strong emphasis on industry-institute interaction and research and development is also crucial for keeping up with the latest technological advancements and preparing students for real-world challenges.

Overall, AISSMS COE's approach to strategic planning and teaching-learning process monitoring is commendable and reflects its dedication to producing skilled and competent engineers who can contribute to society's needs.

File Description	Documents
Paste link for additional information	<a href="https://aissmscoe.com/wp-content/uploads/2023/05/ILC-2023.pdf">https://aissmscoe.com/wp-content/uploads/2023/05/ILC-2023.pdf</a>
Upload any additional information	No File Uploaded

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institution has a well-established strategic planning process

that is periodically reviewed to achieve its goals of producing quality engineers, enhancing employee growth, and overall institutional growth. The strategic plan focuses on building quality infrastructure, achieving faculty growth, transparent academic governance, student development, and strong industry and R&D relations.

The institution has deployed various institutional strategies, such as offline to online transformation, admission process, industry-institute interaction, human resource management, library, research and development, examination and evaluation, curriculum development, and teaching and learning. This comprehensive approach ensures the institution can achieve its goals.

The institution also closely monitors the teaching and learning process. The academic coordinator regularly checks the conduct of lectures and practical classes, coverage of the curriculum as per the syllabus, continuous assessment of practicals, project and seminar presentations, unit tests as per plan, and analysis of test results. The monitoring process ensures that the teaching and learning process is on track, and students receive the necessary education and support to succeed.

The institution's focus on continuous improvement and assessment is essential to achieving its goals and maintaining its high standards. This strategic planning process ensures that the institution can continuously adapt and improve, leading to the growth and development of its employees and students, and a positive impact on society.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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.

AISSMS College of Engineering has a well-established organizational structure to ensure smooth functioning of administrative and academic processes. The various bodies formulated by the institution are playing significant roles in decision making, policy

implementation, and providing feedback for continuous improvement.

The governing body, which constitutes members of the management, Principal, and nominated faculty members, is the highest decision-making body in the institution. The College Development Committee (formerly Local Management committee) includes representatives of members of society, Principal, three members elected from teaching faculty and one member of non-teaching staff.

Each department has a Department Advisory Committee, which provides direction and policy guidance to excel in academics and work environments. The advisory committee evaluates program performance, reviews, monitors, assesses specific programs, and serves as an advisor for the department. It comprises one member each from industry, research establishment, and academic institute of repute, alumni, student, parents, and management. The involvement of various stakeholders ensures that the institution is providing quality education and meeting the needs of society.

It's also good to note that the members of various committees, including the Principal, Heads of the Departments, sectional heads, and co-coordinators of various committees, have adequate participation in making decisions in academic and administrative processes under their purview. This approach promotes a culture of delegation of powers and helps to ensure that decisions are made efficiently and effectively.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	<a href="https://aissmscoe.com/coe/naac2021/Criteria6/">https://aissmscoe.com/coe/naac2021/Criteria6/</a>
Upload any additional information	<a href="#">View File</a>

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

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

The institute offers various welfare schemes to the staff. The Teaching and non teaching Staff are part of welfare schemes that are in accordance with their service condition. The wards of the in-service teaching faculty are admitted to the College within applicable guidelines. The Teaching and non teaching Staff are members of the Credit Society. Sports facilities are provided to them and their family.

Following are the list of welfare support give to teaching and non teaching staff

- Deputation of faculty for research and Ph.D. work
- Maternity leave
- Gratuity
- Group Insurance
- Free medical facility is provided to students, staff and faculty
- EPF facility

Credit Co-operative Society facility for AISSMS COE Employees

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

**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**

45

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

**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**

45

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

**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**

105



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

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

It is great to see that AISSMS College of Engineering has a well-designed performance appraisal system in place for both teaching and non-teaching staff. The system appears to be comprehensive and evaluates various aspects of the faculty and staff's performance, including teaching, co-curricular activities, research and publications, official conduct, and other relevant information.

It is also positive to note that the system inspires faculty and boosts their professional knowledge and growth. This can have a positive impact on the quality of teaching and overall student outcomes and achievements.

Additionally, it is good to see that nonteaching staff are also evaluated based on parameters such as sincerity, obedience, attitude towards co-workers, and technical workability. This ensures that all staff members are held accountable for their performance and contributions to the institution.

Overall, the performance appraisal system implemented by AISSMS College of Engineering appears to be an effective tool for evaluating and improving the performance of both teaching and non-teaching staff.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 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

Internal and external financial assessments are performed by the Institution. regularly. The auditor that the AISSMS Society selected conducts the audit. The accounting audit is handled by the Accounting Committee. and it is shown to the outside inspectors. (Chartered Accountant).

Internal and external investigations were performed for every fiscal year.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### 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)

62.49

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

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

It is evident that the institute has a well-organized system for financial management. The budget is prepared after careful consideration of recurring and non-recurring expenses, and major financial decisions are approved by the CDC and GB. The involvement of institute authorities and members of AISSM society ensures transparency and accountability in financial management.

The institute also follows a systematic procedure for making purchases, which includes calling quotations, technical bids, preparing a comparative statement, and holding negotiation meetings. This helps in ensuring that available financial resources are used efficiently and effectively.

Furthermore, the internal and external audits of the institute's accounts every financial year add an extra layer of accountability and transparency to the financial management process.

Overall, the institute's approach to financial management appears to be robust, transparent, and accountable, which can contribute to the efficient utilization of available resources and the achievement of the institute's goals.

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

## 6.5 - Internal Quality Assurance System

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

The IQAC of AISSMS COE has been successful in institutionalizing quality assurance strategies and processes. To ensure consistency and comparability, the IQAC has established standard feedback forms for all departments.

Regular meetings are conducted with stakeholders to gather ideas and evaluate performance, and a centralized database is maintained for academic data.

The annual "Stakeholders feedback and action taken report" is used to identify areas for improvement.

Initiatives to promote research and innovation have been implemented to keep up with the latest developments and prepare students for their careers.

The IQAC also focuses on quality initiatives through various institute-level committees and is preparing for NBA accreditation.

StartUp and Innovation Week is celebrated to promote innovation and entrepreneurship within the institute, and induction sessions for all classes set expectations and foster community.

Faculty development programs equip teachers with the latest knowledge and skills, and social activities are organized through the active NSS unit to promote social responsibility among students. Overall, the IQAC's efforts have significantly contributed to the improvement of academic quality in AISSMS COE, ensuring that students receive the best education possible.

File Description	Documents
Paste link for additional information	<a href="https://aiissmscoe.com/wp-content/uploads/2022/11/MOM-2021-22.pdf">https://aiissmscoe.com/wp-content/uploads/2022/11/MOM-2021-22.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

The institute has an active IQAC and academic monitoring committee in place, with a dedicated academic coordinator leading the effort. The institute is committed to ensuring the quality of education provided to its students. The IQAC plays a crucial role in monitoring and evaluating the quality of academic and administrative activities.

Few major aspects of the teaching learning process, structure and methodologies in the institute are

- It has an academic calendar that is strictly followed for the smooth functioning of academic activities.
- The Outcome-Based Education (OBE) methodology has been adopted to define measurable learning outcomes for each course and program.
- The institute has a feedback system in place for students to

evaluate the faculty's teaching and learning processes.

- Result analysis is regularly conducted to identify trends and patterns, and academic and administrative audits are carried out .
- The institute identifies course contents for "Content to bridge the gap" and "Content beyond syllabus" to ensure students receive a well-rounded education. Feedback from stakeholders regarding the curriculum is collected and forwarded to the respective board of studies of the university.
- Each department prepares an annual report for academic and administrative audit (AAA) of the department. leading to provide quality education

File Description	Documents
Paste link for additional information	<a href="https://aissmscoe.com/stakeholders/">https://aissmscoe.com/stakeholders/</a>
Upload any additional information	No File Uploaded

**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	<a href="https://aissmscoe.com/mechanical-engineering/annual-reports/">https://aissmscoe.com/mechanical-engineering/annual-reports/</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	No File Uploaded

## 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

Gender equality is one of society's most pressing issues. The institute runs regular programs to promote gender equity. Guest speakers from a variety of fields are invited to speak on the given topic, which emphasizes the importance and contribution of women in society.

AISSMS COE has constituted a 'Women's Grievance Cell' as per the orders of the Supreme Court (Vishaka Judgement), 'Sexual Harassment at Workplace Act, 2013' rules with the aim of promoting gender equality and women's empowerment among students and staff members. The cell takes care of the grievances of female members related to gender discrimination, violence, and sexual harassment.

The Institute has the following facilities:

#### Safety and Security

- Security guards were stationed across the campus.
- Security checkpoints enter and exit.
- Extensive surveillance network control rooms
- Awareness campaigns on women's safety and gender sensitivity through street plays, rallies by the NSS.
- Counseling
- Counseling male and female students and staff for academic and other issues/problems
- Grievance Committees for staff and students
- Entrance Exam Counseling, Orientation Programs for Teachers and Students
- Medical, moral, career, and village counselling through camps
- Common Rooms:

- Common rooms have been allocated for men and women, which facilitate meetings and discussions.

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://aissmscoe.com/coe/naac2021/Criteria7">https://aissmscoe.com/coe/naac2021/Criteria7</a>

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

**A. 4 or All of the above**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

Institute has initiated use of less paper for official work. Printing is avoided wherever possible. This is mentioned in official mails circulated to faculty. Use of ERP (Enterprise resource planning) software is done for academic work, official work which greatly reduces the use of paper. All the notices, circulars and administrative orders are sent through email and WhatsApp.

Use of plastic is discouraged in institute campus like institute canteen, store, office, etc.

The leftover food which is organic in nature collected from the canteen is decomposed in a Biogas plant. Biomethanation is a process by which organic material is microbiologically converted under anaerobic conditions to biogas. The gas produced is utilized for cooking in the canteen.

The liquid waste collected from laboratories is treated in the institute campus using Cavitation technique. Hydrodynamic cavitation is a novel approach in the wastewater treatment which is executed by employing a constriction to increase the kinetic energy due to the decrease in the flow area resulting in the formation of cavities.

The E-waste generated inside the institute campus is segregated and handed to authorized e waste recycler.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	<a href="#">View File</a>

**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	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.5 - Green campus initiatives include**

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

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



File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

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

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

**B. Any 3 of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	<a href="#">View File</a>

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

**A. Any 4 or all of the above**

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

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

The college hosts a variety of events on campus each year to promote tolerance, regional, linguistic, and community socioeconomic peace. We also hold a number of events to raise awareness about social issues and human rights.

To promote tolerance, harmony, cultural, regional, linguistic, and communal socioeconomic development, the following events were organized:

1. Shivswarajya Din
2. Disha Pragtichi
3. Mazha Gaon Mazhi Jababdari Rally
4. Green Engineering
5. Mazi Vasundhara Campaign
6. Poshan Pandharwada
7. Mega Vaccination Drive
8. Fit India Run
9. Self Defense Training
10. Social Media Awareness WE App
11. National Constitution Day

12. Nisarg Sanvad
13. My River My Valentine
14. Shivjayanti
15. Plogging
16. Cleanliness Drive
17. 100 Years of Shahu Jayanti
18. 75 Years of Independence
19. Environmental conservation
20. Dindi program
21. Save Tiger Prog
22. EK divas Balirajyasathi
23. Adult Literacy Program Inauguration

All these events conducted by All India Shri Shivaji Memorial Society's College of Engineering, Pune-01, National Service Scheme unit under guidance of National Service Scheme coordinator and principal .In all events National Service Scheme Volunteers, students and staff took part enthusiastically which boost values in the students.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

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

Rajarshi Chhatrapati Shahu Maharaj of Kolhapur founded the All India Shri Shivaji Memorial Society with the goal of providing military education to children from low-income families. Later, institutes of higher education were established to carry on the vision of our great leaders.

The institution plans and organizes a variety of activities to increase students' and employees' awareness of their constitutional obligations, including values, rights, duties, and responsibilities.

1. Symbol of Knowledge
2. Disha Pragtichi
3. Wings of NSS
4. Tree Plantation
5. Covid Awareness Drive
6. Computer Literacy
7. Cleanliness Drive
8. Save environment rally
9. Mazha Gaon Mazhi Jababdari Rally
10. Woman empowerment
11. Plastic Free Village Drive
12. Green Engineering
13. Cleanliness Drive
14. Energy Conservation Survey
15. Heritage Conservation
16. National AIDS Day
17. AIDS Awareness Rally
18. Environmental conservation
19. Dindi Program
20. Save Tiger Program
21. EK divas Balirajyasathi
22. Adult Literacy Program Inauguration

All of these events were organized by the National Service Scheme unit of the All India Shri Shivaji Memorial Society's College of Engineering, Pune-01, under the supervision of the National Service Scheme coordinator and principal. National Service Scheme Volunteers, students, and staff enthusiastically participated in all events, boosting students' values.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil
Any other relevant information	<a href="https://aissmscoe.com/coe/naac2021/Criteria7">https://aissmscoe.com/coe/naac2021/Criteria7</a>

**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**      **A. All of the above**

**4. Annual awareness programmes on Code of Conduct are organized**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

Rajarshi Chhatrapati Shahu Maharaj of Kolhapur founded the All India Shri Shivaji Memorial Society to support a military education for children from low-income families. In time, institutions of higher education were set up to continue the work begun by our forefathers.

To promote cultural, regional, linguistic, and communal socio-economic tolerance and harmony, the institute hosts a variety of events on campus each year. We also host a number of events aimed at raising public consciousness about important social issues and human rights.

The institution annually celebrates the following days, national festivals, and anniversaries of great Indian personalities:

1. Shiv swarajya Din
2. Mazha Gaon Mazhi Jababdari Rally
3. Woman empowerment
4. Poshan Pandharwada
5. National Constitution Day
6. Diwali Faral Packet Distribution
7. National AIDS Day
8. National Voters Day
9. Shivjayanti
10. 100 Years of Shahu Jayanti
11. 75 Years of Independence
12. 75 years Jyot
13. SPPU Foundation Day
14. National Youth Festival
15. World Spine Bone Day
- 16 Rastriya Ekta Diwas

Students and teachers alike participated in National Service Scheme events with great zeal, helping to in still positive values in the young people who participated.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

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

The main objective of any technical institution is to cultivate talented and globally competent individuals through high-quality technical education, preparing them for immediate employment. To achieve this, our institute launched the "One Faculty, One Industry Drive." Each faculty member selects an industry relevant to their field and organizes activities to expose students to real-world practices. Initiatives include online FDPs, virtual industry visits, workshops, webinars, value-added courses, and MOUs with industries.

The library plays a vital role in creating a conducive learning environment. It encourages reading through events like the "Best Library Reader Award" and organizes national/international conferences. It offers services like an NPTEL local chapter, author meet programs, access to E-resources, E-books, and DELNET, NDLI Club membership, plagiarism software, a library blog, and Google Classroom. The Librarian also serves as the DOAJ Ambassador of India, promoting scholarly communication.

Through these initiatives, our institution aims to produce well-rounded individuals with technical knowledge and essential skills to excel in the global workforce.

File Description	Documents
Best practices in the Institutional website	<a href="https://aissmscoe.com/coe/naac2021/Criteria7">https://aissmscoe.com/coe/naac2021/Criteria7</a>
Any other relevant information	<a href="https://aissmscoe.com/coe/naac2021/Criteria7">https://aissmscoe.com/coe/naac2021/Criteria7</a>

## 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

#### EMPOWERING STUDENTS' TECHNICAL COMPETENCY THROUGH A GLOBAL PLATFORM

The institute motivates the students to participate in various Competitive Technical Events to show off their technical skills by providing adequate funding and resources. The core objectives of the institute include fostering a multidisciplinary working culture, nurturing entrepreneurial and leadership qualities, promoting real-life problem-solving, and refining design, fabrication, testing, and presentation skills, all while emphasizing professionalism and ethical values. The activities in Resonance Racing (BAJA, SUPRA, Go-Kart, Effi-Cycle) and Team Garudashwa (SAE Aero Design) challenge students to design, build, and test prototypes.

Team Garudashwa, an esteemed International Aero Modelling Collegiate Club of the institute, excels in building and testing RC airplanes. Since its establishment in 2015, the team has consistently achieved accolades in various National and International Aero Design Competitions.

Team Garudashwa won the National Level SAE ISS competition in Best Aerodynamic Analysis and the International Level competition in Van Nuys, California, USA, in Technical Design Report. The team also received \$750 in prize money. These achievements demonstrate the institute's commitment to giving students a dynamic platform to succeed in technological excellence.



## 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 AISSMS is affiliated with SPPU Pune, and the Principal receives inputs through IQAC, Department Advisory Board, and Academic Coordinator to prepare the academic calendar for the academic session. Both the Institute and Department academic calendars include curricular, co-curricular, and extracurricular activities to ensure effective implementation and delivery of the curriculum. Teachers use an outcome-based course curriculum framework, including unit-wise learning outcomes and test problems mapped to COs, to create their teaching plans. A closed-loop system is in place to ensure effective curriculum delivery, as shown in the enclosed documents.

At the end of each semester, CO and PO mapping and assessment are conducted to identify strengths and weaknesses in course delivery components. Unit-wise tests are conducted, and the results are displayed to track students' academic progress. The Head of Departments holds periodic meetings with the Principal to discuss mid-term academic progress. Assignments, seminars, guest lectures, projects, PBL, and industrial visits are used as effective learning tools for students.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://aissmscoe.com/academics/process-manual/">https://aissmscoe.com/academics/process-manual/</a>

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

The Academic Calendar at the AISSMS is a well-planned document that outlines all the academic activities for the continuous

internal evaluation process. It is prepared by the Academic Coordinator in consultation with the HoDs and is approved by the Principal. The calendar is uploaded on the college website and displayed on notice boards to inform the students about the academic schedule for the entire session.

Although the Principal is the only authority to make minor changes to the Academic Calendar, it may be modified based on unforeseen circumstances. For instance, several changes were made on examination dates during the COVID-19 pandemic as per the University's directives.

Each department also prepares its own academic calendar based on the Institute's Academic calendar and circulates it to all students and faculty members. The department calendar is more specific, including details such as internal evaluations, class tests, assignments, industrial visits, etc.

Course teachers announce the syllabus, curriculum plan, course outcomes, and objectives and display question banks, class tests, and assignments. Assignments are submitted by students as per the dates given in the Academic Calendar, and sometimes by the course teachers. During online teaching, Microsoft Teams, Google Meet, and Google Classroom were used for lectures, assignments, tests, etc.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	<a href="https://aissmscoe.com/coe/naac2021/Criteria1">https://aissmscoe.com/coe/naac2021/Criteria1</a>

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

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	No File Uploaded

## 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

15

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

### 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)

73

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

801

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

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

The institute recognizes the importance of integrating crosscutting issues into the curriculum to prepare students to become responsible and ethical professionals. The institution has incorporated topics related to Professional Ethics, Gender, Human Values, Environment, and Sustainability across various programs and courses.

The curriculum is designed to raise awareness and develop critical thinking skills among students to address the complex challenges related to these issues in their respective fields. The courses focus on developing ethical values and promoting responsible behavior, ensuring gender equality and promoting diversity, fostering human values such as empathy, compassion, and social responsibility, and raising awareness about environmental issues and promoting sustainable practices.

The institution has also introduced activities such as seminars, workshops, and expert lectures to sensitize students and faculty members towards these issues. The institution encourages research and innovation in these areas, providing opportunities for students and faculty members to work on projects related to these issues.

Through the integration of crosscutting issues into the curriculum, AISSMSCOE aims to develop socially responsible professionals who are equipped to address the challenges faced by society and contribute towards sustainable development.

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

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

**27**

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

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

**2887**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

**1.4 - Feedback System**

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

**A. All of the above**

**from the following stakeholders Students  
Teachers Employers Alumni**

File Description	Documents
URL for stakeholder feedback report	<a href="https://aissmscoe.com/stakeholders/">https://aissmscoe.com/stakeholders/</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	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**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://aissmscoe.com/stakeholders/">https://aissmscoe.com/stakeholders/</a>

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment Number Number of students admitted during the year

##### 2.1.1.1 - Number of students admitted during the year

575

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

#### 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

265

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 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

After the first-year admission process, the institution gathers data on new students from the ERP system. This data includes information about their academic and family backgrounds, as well as their skills, hobbies, and interests. Analyzing this data helps assess the learning levels of each student.

To identify slow and advanced learners, the Guardian Faculty Member (GFM) and subject teachers regularly assess the students' performance in class tests. Additionally, the Department of First Year Engineering (FE) organizes a one-week e-Student Induction Program (eSIP) at the beginning of the academic year. The eSIP includes activities like yoga sessions, motivational talks, and health awareness programs.

Weekly virtual meetings are held among the GFM, mentors, and teachers to discuss and understand the students' learning levels. Based on this evaluation, special activities are organized to cater to the needs of advanced and slow learners. Advanced learners participate in virtual industry visits and in-house mini-projects, while slow learners receive extra lectures and special notes.

The college also offers soft skill training and counseling sessions to enhance students' overall development. These provisions aim to equip students with essential skills beyond their academic curriculum.

By implementing these measures, the institution ensures that students receive personalized attention and support based on their individual learning needs. This approach creates a conducive learning environment and promotes holistic growth.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
3105	166

File Description	Documents
Any additional information	<a href="#">View File</a>

### 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

Various instructional methods and pedagogical initiatives in online and offline mode are adopted for student centric methods. The faculty provides a platform to students to explore independently, learn through self-study and from their peers, guides them to develop effective and lifelong skills. Faculty have developed e-content, YouTube videos and posted it on online platforms. Practical of some subjects are conducted through virtual lab.

Some of Student centric methods used are:

**Project based learning:** A team of 3 to 6 students works cohesively on a project/problem guidance of a mentor

**Active learning:** The faculty adopt active learning by involving students in the learning process more directly through following activities such as Brain storming, quiz, debate, group discussions etc.

**Collaborative Learning:** Student teams works jointly to solve a problem, complete a task/project, participating in debates or design a product under clubs like DAEXUS, codigomadrid, e-Baja,Supra, BAJA, Garudashwa etc

**Cooperative Learning:** Students work together to maximize their



own and each other's learning in student chapters and also while performing various activities like Aim & Drop, Bouncing Ball, Coin Drop, etc.

Experiential learning: Field based experiential learning like Internship and class based experiential learning like role plays etc are practiced.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	Nil

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

The classrooms and laboratories are ICT enabled with projectors installed and the campus is enabled with high speed wi-fi connection. Integration of ICT in teaching has very important significance on the learning attitude of students, creativity, knowledge construction, learning environment, teaching strategies, problem solving skills and understanding concepts using different tools. The various ICT tools used by faculty are:

Learning Management Systems(LMS): Microsoft Teams, ERP, Google applications, Canvas are used for online teaching and to share course related information like notes, assignments, tests, question bank, reference material, quiz, Lab manuals, Lecture videos, etc.

Virtual Labs and simulation software: Different simulation software like MATLAB, AUTOCAD, WEKA, ETAP, etc; are used to carry out experiments in the laboratory. Along with laboratory experiments prescribed by university syllabus, one or more additional virtual lab experiments (from IIT web portal) are conducted for a few labs.

Faculty also use lecture videos of NPTEL/MOOC courses for better understanding of few topics.

Online drawing tools: Wacom tablet ,concept maps, mind maps are used to teach mathematical subjects and drawings.

Other tools like Kahoot , GitHub, Pots, smart boards, PPTs, demonstration videos, Google Colab, Padlet, Spinning wheel are used to improve the effectiveness of the teaching- learning process.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

### 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

145

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

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

166

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	No File Uploaded

**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**

60

File Description	Documents
Any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

**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**

2085

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

**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 academic year 2021-22 began with a hybrid mode of learning that combined in-person instruction with online components due to the Covid-19 pandemic. The use of online tools and platforms, such as video conferencing and interactive software, allowed colleges to continue providing quality education while ensuring the safety of students and staff. The term I was conducted in hybrid mode until December 2021, after which academics continued in offline mode.

To ensure preparedness, the institute implemented a parallel

mechanism, and complete transparency was maintained in all internal evaluations. Various assessment tools such as presentations, open book tests, MCQ, assignments, group discussions, and case studies were introduced to evaluate the performance of the students. Term work (TW) assessment was evaluated based on the performance of the students during practical sessions, and project work assessment was conducted twice a semester, with project exhibitions arranged for BE students.

For PG students, the assessment process consisted of continuous assessment (CA) and an end-semester examination. The CA, which contributed to 50% of the marks, was conducted through various evaluation methods such as written tests, term papers, seminar presentations, short quizzes, assignments, and mini-research projects.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	Nil

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

SPPU and the Institute have established a mechanism for transparent evaluation and grievance redressal of students. The evaluation process consists of formative and summative assessments, and grievances are categorized accordingly. The College Examination Officer (CEO) is appointed to address examination and evaluation-related problems, and students can apply for grievance redressal through the CEO. Grievances related to formative assessment are forwarded to the department, and HoDs and teachers try to resolve grievances related to internal evaluation.

For summative assessment grievances, SPPU invites online applications for photocopies of answer books, and students can apply for rechecking or revaluation if they are not satisfied with the assessment. In case of criticality, the CEO provides necessary assistance to the aggrieved student. Overall, the Institute has adopted a fair and transparent evaluation process for students and follows the guidelines prescribed by SPPU. The mechanism ensures transparency, and fairness, and provides a platform for students to voice their grievances and seek

redressal.

During an online examination, if any student finds ambiguity in a question, eg. given options are not correct, students may report it as an invalid question. A committee at the university takes cognizance and validates the grievance.

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

## 2.6 - Student Performance and Learning Outcomes

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

Institute has well-defined Program outcomes (PO), program-specific outcomes (PSO), and course outcomes (CO) for all programs.

Teachers are conversant with POs, and PSOs of the programs as they are involved in the PO PSO formation process. The vision and mission of the college are discussed in meetings. The head of the department and teachers discuss and frame POs and PSOs of the programs which are in line with the Graduate Attributes Vision, and Mission of the Institute.

POs and PSOs are displayed for teachers and students at the following locations:

- Institute website
- HOD cabins
- Notice Boards
- Department laboratories
- Department Library

The principal delivers the address to all newly admitted first-year students and their parents in the induction program. During this address institute's vision, mission, and program objectives

are stated.

Every course teacher discusses expected course outcomes with students at the beginning of each semester.

POs, PSOs, and COs are mandatory parts of the course file prepared by the course teacher.

These are attached to the course journals of each student.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	<a href="https://aissmscoe.com/computer-engineering/introduction/">https://aissmscoe.com/computer-engineering/introduction/</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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

The PSOs, POs and COs are designed using the top-down approach. Each course has specific measurable course outcomes. Each course has 6 units and in general, each unit relates to a specific course outcome. Each course outcome is mapped with the Program outcomes and program-specific objectives. While calculating the attainment level bottom to top approach is used. For each course, the attainment level of all course outcomes is arrived at rigorously based on the student performance in the internal and external examinations. and course-end survey. CO attainment contributes to PO-PSO attainment. Internal assessments may include assignments, tests, Continuous Assessment (CAS), etc., while external assessments comprise university theory exams, orals, term work, practicals, seminars, projects, Exit surveys, alumni, and employer surveys are conducted for indirect assessment of the PO-PSOs.

- Overall attainment of CO = 80% CO attainment from Direct method + 20% of CO attainment through Indirect method

Overall attainment of CO = 80% CO<sub>dir</sub> + 20% CO<sub>indir</sub>

PO and PSO attainment:

The direct attainment of PO and PSO is obtained by taking into

consideration the contribution of each course.

- Direct Attainment of PO = Average of attainments of all CO contributing to the specific PO.
- Overall attainment of PO = 80% attainment through the direct method + 20 % through the indirect method

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	Nil

### 2.6.3 - Pass percentage of Students during the year

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

801

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for the annual report	<a href="https://aissmscoe.com/chemical-engineering/annual-reports/">https://aissmscoe.com/chemical-engineering/annual-reports/</a>

### 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://aissmscoe.com/coe/naac2021/Criteria2>

## 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)**

**24.89**

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

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

**3.1.2.1 - Number of teachers recognized as research guides**

**13**

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

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

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

**2**

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	<a href="https://www.aicte-india.org/">https://www.aicte-india.org/</a>

**3.2 - Innovation Ecosystem**



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

The institute have formed the Institutions Innovation Council Cell which was headed by Dr V N Patil. Council set in 2019-20 and participated in different competitions like SIH, IICDC etc. Many faculties and students attended online MIC - sessions on start-up Innovations. We have Industry Institute interaction and I connect cells connected with IIC in this academic year (2021-22). The detailed report of IIC is also uploaded for additional information.

The institute provides support in terms of financial, academic, infrastructural facilities, human resources required and timely administrative decisions to enable students and staffs for participating in the various technical activities. The activities such as SUPRA, BAJA, GOCART, ROBOTICS, EFFICYCLIC, ENDEAVOUR , Garudashwa, are financially supported by the institute. Since last five years the institute is participating in various completions at national and international levels. For preparation of the competition, a special facility like special internet line, library and the workshop facilities has been given 24 x 7 to all the enrolled students. Required infrastructure in terms of space, equipment and support facilities are available in the campus for the competition.

<http://aissmscoe.com/startup-innovation-cell/introduction/>

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="http://aissmscoe.com/startup-innovation-cell/introduction/">http://aissmscoe.com/startup-innovation-cell/introduction/</a>

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

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

86

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.3 - Research Publications and Awards

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

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

**22**

File Description	Documents
URL to the research page on HEI website	<a href="https://aissmscoe.com/academics/research/">https://aissmscoe.com/academics/research/</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

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

**104**

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

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

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

28

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.4 - Extension Activities

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

Institute mainly focuses on service to society through quality education. To meet this vision, institute facilitates the student in various social and technical activities. Institute has conducted social and technical activities for sensitising and motivating the students to social issues with holistic development. Social activities includes blood donation camp, swachha bharat abhiyan, green campus, tree plantation, traffic rule awareness, road safety awareness program etc and many more such programmes through NSS. Similarly to enhance the technical knowledge of students, institute provides and permits the students to participate in the various national and international technical events and competitions such as BAJA, Supra, Epicycle, Go-kart, Garudashwa, Aeromodeling etc.

Various student chapters under various professional bodies were formed for the students at departmental levels. Students actively participate and organises various events through these chapters as per the departmental needs and requirements for overall development of students.

Technical activity enhances the technical knowledge of student in the field of design, analysis, manufacturing and testing of different vehicles. Through these activities student improves their qualities such as time management, project management, costing, marketing skills, event management, communication skill etc. Similarly social activities enhances and creates social awareness and responsibilities in the students.

File Description	Documents
Paste link for additional information	<a href="https://aissmscoe.com/students-club">https://aissmscoe.com/students-club</a> , <a href="http://aissmscoe.com/student-chapters/student-chapters/introduction/">http://aissmscoe.com/student-chapters/student-chapters/introduction/</a>
Upload any additional information	<b>No File Uploaded</b>

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

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

**1**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

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

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

**110**

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

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

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

22716

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**3.5 - Collaboration**

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

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

961

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

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

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

68

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

## 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 infrastructure has adequate facilities to fulfill the norms laid by AICTE, DTE, and SPPU. The physical infrastructure includes 38 classrooms, 9 tutorial rooms, 74 laboratories, and 8 seminar halls. The classrooms and seminar halls are equipped with LCD projectors, Internet connectivity, digital smart boards, well-finished furniture, ventilation, and lighting. The laboratories are equipped with state-of-the-art machines/equipment, such as Chassis Dynamo-meter, Universal testing machine, etc. The laboratories also have open-source and latest proprietary software like MatLab, ANSYS, AUTOCAD, etc. Recently, the institute purchased Satellite communication uplink transmitter, Total station, Gas Calorimeter, Five channel gas analyzer, Smoke meter, 3D printer, Polariscope, and more. The institute has a central research laboratory with an Environmental Discovery System (EDS) for waste water treatment and water purification processes. The workshop comprises fitting, carpentry, welding, blacksmith, and tin smithy shops. The institute has a massive network of 1199 computers with 500 Mbps bandwidth and a centralized firewall Cyber-roam. Enterprise Resource Planning (ERP) and SLIM 21 are used for automation in the institute. For physically impaired (Divyangjan) students, the institute provides ramps, elevators, and other facilities. The electronic surveillance system has been installed to identify malicious activities on campus. Separate housekeeping and security agencies have been appointed for the security and cleanliness of the institute.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

A well-established Gymkhana Department can play a vital role in promoting sports and cultural activities within an institute and can also help in developing the overall personality of the students. The College encourages the students to participate in various University, State and National level Sports Competition. Our student Pranav parth secured Gold medal in 100 m run and 200 mts run at Jain University, Bangalore and Mangalore University, Mangalore (Karnataka ). Our student Viraj Deshpande secured Gold medal and in State Level Kickboxing Championship. Our College Table Tennis Team (W) Secured Silver Medal in Zest 22 organized by College of Engineering, Pune. Our College organized Chhatrapati Shahu Maharaj Football Tournament Inter-Collegiate State level Football "Shahu Trophy 2022" from 31st October 2022 and 2nd November 2022. In Shahu Football Trophy, total 16 teams ie 256 players participated in the tournament. Our College also organized the "Inter Zonal football" men and women tournament from 4th to 6th November 2022 where total 128 men and women players participated in the competition. Under culture activities, college had won Firodia Karandak 2022. Final round took place at "Lokshahir Annabhau Sathe Sabhagruha" on 19.03.2022. Our college received total 14 prizes including the coveted trophy for the first time in the history of college.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

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

46

File Description	Documents
Upload any additional information	<b>No File Uploaded</b>
Paste link for additional information	<a href="https://aissmscoe.com/coe/naac2021/Criteria4/4.1.3">https://aissmscoe.com/coe/naac2021/Criteria4/4.1.3</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

**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)**

**606.77**

File Description	Documents
Upload any additional information	<b>No File Uploaded</b>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

**4.2 - Library as a Learning Resource**

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

**Integrated Library Management System is used to manage different functions of library. Library is automated with System for Library Information Management (SLIM) software having version 21. Library collection can be browsed / searched on Intranet using SLIM21 OPAC module. SLIM21 helps for catalogue books, e-books, articles, reports, serials publications that contain information so vital to institute. SLIM21 cataloguing adheres to popular international standards. This software has modules like Acquisition, Cataloguing, Circulation, Serial Control. Acquisition modules & Cataloguing Module is utilized for generating accession register reports, adding Bulk student's record, updating item lending policy and its status. Circulation module has books issue, return, and reserve options. Various**



reports such as loan borrower, item inventory status, circulation status summary, item transactions and operator wise transactions can be generated in this module. Similarly, library barcodes are also generated through this module making cumbersome library work simpler, effective, and time is saving. Serial Control module maintains the record of print journals and track of subscribed issue in the library. Generation of expected arrival schedule of loose issues can be generated in serial control module. The number of transactions carried out through this software in academic year 2021-22(transactions up to December 2022) is 19223.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	Nil

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

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**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)**

40.44

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

**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**

**120.4**

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

**4.3 - IT Infrastructure**

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

The institute possesses a robust IT infrastructure that conforms to the standards set by AICTE and the University. It has a total of six system software and 62 application software, which include MATLAB, ANSYS, etc. that are accessible at the institute level. The software undergoes continuous updates; for instance, MATLAB has been updated from version 10 to 16, and ANSYS has been updated from version 10 to 17. The laboratories are equipped with the latest version of computers such as i3, i5, and i7. There is also a well-established language lab to facilitate communication skills. The institute has access to high-end IBM Xenon, HP pro ML10 GB, Window server, and Learning Management System (LMS)-Moodle. The network has a total of 1199 computers with 500 Mbps Internet connectivity and Wi-Fi facilities. It employs a centralized firewall Cyber roam for internet security. The institute has implemented the educational Enterprise Resource Planning (ERP) software that comprises 20+ modules. The centralized maintenance system operates separately. Moreover, there is a central computing facility with 100 Intel core i3 computers equipped with high-speed internet connectivity. The campus-wide LAN facility incorporates a 3-Layer Switching (Core, Distributed, and Access) network with core layer switches

connected through the Optical Fiber Ring Network. The network is equipped with 100/1000 Mbps (Gigabit Switches).

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 4.3.2 - Number of Computers

1199

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 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)

606.77

File Description	Documents
Upload any additional information	<b>No File Uploaded</b>
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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

The institute strictly adheres to established protocols and procedures for maintaining its physical, academic, and support facilities, as outlined in its maintenance policy statement. College-level committees oversee various aspects of facility utilization and maintenance, including general civil maintenance, repair and maintenance of laboratory equipment, and budget allocation. Equipment maintenance history cards are maintained to track maintenance, repair, and calibration. The classrooms, laboratories, seminar halls, and library facilities are in regular use, and the institute is regularly fumigated by a third-party housekeeping agency. The garden is maintained by an appointed gardener, while computer-related facilities are under annual maintenance contracts with third-party providers. Maintenance of water coolers, EPABX system, and air conditioners are outsourced to external agencies. The physical director is responsible for the sports facilities, including large open grounds for cricket, football, volleyball, and basketball, as well as a gymnasium. The institute provides emergency exits and a fire fighting system for safety.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<b>Nil</b>

## **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**

<b>5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year</b>	
<b>1996</b>	
<b>File Description</b>	<b>Documents</b>
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	<b>No File Uploaded</b>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>
<b>5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year</b>	
<b>5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year</b>	
<b>86</b>	
<b>File Description</b>	<b>Documents</b>
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>
<b>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</b>	<b>A. All of the above</b>

File Description	Documents
Link to Institutional website	<b>Nil</b>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

**2219**

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

**2219**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**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	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

## 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

**538**

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

### 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

**26**

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
Details of student progression to higher education	<a href="#">View File</a>

### 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**

40

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

**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.**

48

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

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 General Students' Association (GSA) was established for student development through academic, co-curricular, and extracurricular activities. The committee, led by the Principal



and consisting of faculty members, has several sub-committees like Student Grievance, Anti-Ragging, Cultural, Sports, Technical Events, NSS, and Professional student chapters. The Student Grievance committee addresses discipline among students and resolves their grievances, while the Anti-Ragging committee ensures there are no ragging incidents in the Institute. The Cultural committee organizes activities like "Shivanjali" and "Ashwamedh," where students showcase their skills and have achieved notable success in intercollegiate competitions like Firodiya Karandak and Purushottam Karandak. The Magazine committee publishes "Shivdarpan," the annual magazine that features student articles, poetry, and interviews with eminent personalities. The NSS Committee conducts activities Blood Donation Camp, Swachha Bharat Abhiyan, Yoga Day, Tree Plantation, etc. The Institute also organizes "Engineering Today" where Institute allow students to showcase their skills and knowledge in various competitions. Our students participate in BAJA, SUPRA, Aero-modelling, Go-kart, Efficycle, etc. at national and international levels. Additionally, the Student chapters associated with professional bodies provide students with practical experience and industry knowledge, giving them a competitive edge in their careers. Moreover, the "Coffee with Alumni" initiative facilitates interaction between students, alumni, and faculty members, providing valuable networking opportunities for future career prospects.

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

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

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

6

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

#### 5.4 - Alumni Engagement

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

The Alumni Association was established by the Institute in the academic year 2014-15, replacing the previous informal department-wise alumni meets. The main objectives of the association are to promote interaction between alumni and the Institute, encourage regional chapters, support student placement and research, mentor students for personal and professional development, provide scholarships, and promote industry-institute interaction. Other goals include promoting computer and internet literacy, organizing debates, supporting environmental conservation and disaster relief efforts, and publishing materials for public interest. The alumni association contributes significantly to the Institute's development and benefits students through various activities such as training, lectures, guidance sessions, visits, and mentoring.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

**E. <1Lakhs**

File Description	Documents
Upload any additional information	No File Uploaded

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

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

It is commendable that AISSMSCOE was able to adapt to the challenges brought about by the COVID-19 pandemic through a combination of online and offline modes of operation. This allowed for the continuity of quality education and the maintenance of a motivational work culture in administration, governance, and leadership. It is also noteworthy that the Institute's vision and mission are aligned with the needs of society and are focused on providing quality education through leading-edge technology.

The governance structure of the Institute, which includes the Governing Body, Governing Council, College Development Committee, Departmental Advisory Board, and Internal Quality Assurance Cell, is designed to facilitate evolutionary reforms and position the Institute as a preferred choice for all stakeholders. The involvement of members from various fields of society ensures a well-rounded perspective in decision-making.

A valuable approach to decision-making at the Institute is the culture of delegation of authority through strategic policies, and the participation of many committees and coordinators in the process promotes a collaborative approach. Transparency and accountability are encouraged by this structure, which is crucial for success and long-term viability.

overall, it is noteworthy that AISSMSCOE is dedicated to high quality education and innovative ways of leadership and administration.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

AISSMS COE's strategic planning process is a comprehensive and

well-executed approach to addressing the needs of the institution and its stakeholders. The focus on enhancing the growth of employees and all-round development of students, along with building quality infrastructure, is essential for producing quality engineers and contributing to society's needs.

The institution's efforts in monitoring the teaching-learning process through various tools and techniques such as Google Forms, continuous assessment, project presentations, and unit tests show a commitment to ensuring the quality of education provided to students. The strong emphasis on industry-institute interaction and research and development is also crucial for keeping up with the latest technological advancements and preparing students for real-world challenges.

Overall, AISSMS COE's approach to strategic planning and teaching-learning process monitoring is commendable and reflects its dedication to producing skilled and competent engineers who can contribute to society's needs.

File Description	Documents
Paste link for additional information	<a href="https://aissmscoe.com/wp-content/uploads/2023/05/ILC-2023.pdf">https://aissmscoe.com/wp-content/uploads/2023/05/ILC-2023.pdf</a>
Upload any additional information	No File Uploaded

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institution has a well-established strategic planning process that is periodically reviewed to achieve its goals of producing quality engineers, enhancing employee growth, and overall institutional growth. The strategic plan focuses on building quality infrastructure, achieving faculty growth, transparent academic governance, student development, and strong industry and R&D relations.

The institution has deployed various institutional strategies, such as offline to online transformation, admission process, industry-institute interaction, human resource management, library, research and development, examination and evaluation, curriculum development, and teaching and learning. This comprehensive approach ensures the institution can achieve its goals.

The institution also closely monitors the teaching and learning process. The academic coordinator regularly checks the conduct of lectures and practical classes, coverage of the curriculum as per the syllabus, continuous assessment of practicals, project and seminar presentations, unit tests as per plan, and analysis of test results. The monitoring process ensures that the teaching and learning process is on track, and students receive the necessary education and support to succeed.

The institution's focus on continuous improvement and assessment is essential to achieving its goals and maintaining its high standards. This strategic planning process ensures that the institution can continuously adapt and improve, leading to the growth and development of its employees and students, and a positive impact on society.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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.

AISSMS College of Engineering has a well-established organizational structure to ensure smooth functioning of administrative and academic processes. The various bodies formulated by the institution are playing significant roles in decision making, policy implementation, and providing feedback for continuous improvement.

The governing body, which constitutes members of the management, Principal, and nominated faculty members, is the highest decision-making body in the institution. The College Development Committee (formerly Local Management committee) includes representatives of members of society, Principal, three members elected from teaching faculty and one member of non-teaching staff.

Each department has a Department Advisory Committee, which provides direction and policy guidance to excel in academics and work environments. The advisory committee evaluates program performance, reviews, monitors, assesses specific programs, and

serves as an advisor for the department. It comprises one member each from industry, research establishment, and academic institute of repute, alumni, student, parents, and management. The involvement of various stakeholders ensures that the institution is providing quality education and meeting the needs of society.

It's also good to note that the members of various committees, including the Principal, Heads of the Departments, sectional heads, and co-coordinators of various committees, have adequate participation in making decisions in academic and administrative processes under their purview. This approach promotes a culture of delegation of powers and helps to ensure that decisions are made efficiently and effectively.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	<a href="https://aissmscoe.com/coe/naac2021/Criteria6/">https://aissmscoe.com/coe/naac2021/Criteria6/</a>
Upload any additional information	<a href="#">View File</a>

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

**6.3 - Faculty Empowerment Strategies**

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

The institute offers various welfare schemes to the staff. The Teaching and non teaching Staff are part of welfare schemes that are in accordance with their service condition. The wards of the in-service teaching faculty are admitted to the College within applicable guidelines. The Teaching and non teaching Staff are members of the Credit Society. Sports facilities are provided to them and their family.

Following are the list of welfare support given to teaching and non teaching staff

- Deputation of faculty for research and Ph.D. work
- Maternity leave
- Gratuity
- Group Insurance
- Free medical facility is provided to students, staff and faculty
- EPF facility

Credit Co-operative Society facility for AISSMS COE Employees

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

45

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

**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**

45

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

**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**

105



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

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

It is great to see that AISSMS College of Engineering has a well-designed performance appraisal system in place for both teaching and non-teaching staff. The system appears to be comprehensive and evaluates various aspects of the faculty and staff's performance, including teaching, co-curricular activities, research and publications, official conduct, and other relevant information.

It is also positive to note that the system inspires faculty and boosts their professional knowledge and growth. This can have a positive impact on the quality of teaching and overall student outcomes and achievements.

Additionally, it is good to see that nonteaching staff are also evaluated based on parameters such as sincerity, obedience, attitude towards co-workers, and technical workability. This ensures that all staff members are held accountable for their performance and contributions to the institution.

Overall, the performance appraisal system implemented by AISSMS College of Engineering appears to be an effective tool for evaluating and improving the performance of both teaching and non-teaching staff.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

#### 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

Internal and external financial assessments are performed by the Institution. regularly. The auditor that the AISSMS Society selected conducts the audit. The accounting audit is handled by the Accounting Committee. and it is shown to the outside inspectors. (Chartered Accountant).

Internal and external investigations were performed for every fiscal year.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

#### 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)

62.49

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

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

It is evident that the institute has a well-organized system for financial management. The budget is prepared after careful consideration of recurring and non-recurring expenses, and major financial decisions are approved by the CDC and GB. The involvement of institute authorities and members of AISSM society ensures transparency and accountability in financial management.

The institute also follows a systematic procedure for making purchases, which includes calling quotations, technical bids, preparing a comparative statement, and holding negotiation meetings. This helps in ensuring that available financial resources are used efficiently and effectively.

Furthermore, the internal and external audits of the institute's accounts every financial year add an extra layer of accountability and transparency to the financial management process.

Overall, the institute's approach to financial management appears to be robust, transparent, and accountable, which can contribute to the efficient utilization of available resources and the achievement of the institute's goals.

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

**6.5 - Internal Quality Assurance System**

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

The IQAC of AISSMS COE has been successful in institutionalizing quality assurance strategies and processes. To ensure consistency and comparability, the IQAC has established standard feedback forms for all departments.

Regular meetings are conducted with stakeholders to gather ideas and evaluate performance, and a centralized database is maintained for academic data.

The annual "Stakeholders feedback and action taken report" is

used to identify areas for improvement.

Initiatives to promote research and innovation have been implemented to keep up with the latest developments and prepare students for their careers.

The IQAC also focuses on quality initiatives through various institute-level committees and is preparing for NBA accreditation.

StartUp and Innovation Week is celebrated to promote innovation and entrepreneurship within the institute, and induction sessions for all classes set expectations and foster community.

Faculty development programs equip teachers with the latest knowledge and skills, and social activities are organized through the active NSS unit to promote social responsibility among students. Overall, the IQAC's efforts have significantly contributed to the improvement of academic quality in AISSMS COE, ensuring that students receive the best education possible.

File Description	Documents
Paste link for additional information	<a href="https://aiissmscoe.com/wp-content/uploads/2022/11/MOM-2021-22.pdf">https://aiissmscoe.com/wp-content/uploads/2022/11/MOM-2021-22.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

The institute has an active IQAC and academic monitoring committee in place, with a dedicated academic coordinator leading the effort. The institute is committed to ensuring the quality of education provided to its students. The IQAC plays a crucial role in monitoring and evaluating the quality of academic and administrative activities.

Few major aspects of the teaching learning process, structure and methodologies in the institute are

- It has an academic calendar that is strictly followed for the smooth functioning of academic activities.
- The Outcome-Based Education (OBE) methodology has been

adopted to define measurable learning outcomes for each course and program.

- The institute has a feedback system in place for students to evaluate the faculty's teaching and learning processes.
- Result analysis is regularly conducted to identify trends and patterns, and academic and administrative audits are carried out .
- The institute identifies course contents for "Content to bridge the gap" and "Content beyond syllabus" to ensure students receive a well-rounded education. Feedback from stakeholders regarding the curriculum is collected and forwarded to the respective board of studies of the university.
- Each department prepares an annual report for academic and administrative audit (AAA) of the department. leading to provide quality education

File Description	Documents
Paste link for additional information	<a href="https://aissmscoe.com/stakeholders/">https://aissmscoe.com/stakeholders/</a>
Upload any additional information	No File Uploaded

**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	<a href="https://aissmscoe.com/mechanical-engineering/annual-reports/">https://aissmscoe.com/mechanical-engineering/annual-reports/</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	No File Uploaded

## 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

Gender equality is one of society's most pressing issues. The institute runs regular programs to promote gender equity. Guest speakers from a variety of fields are invited to speak on the given topic, which emphasizes the importance and contribution of women in society.

AISSMS COE has constituted a 'Women's Grievance Cell' as per the orders of the Supreme Court (Vishaka Judgement), 'Sexual Harassment at Workplace Act, 2013' rules with the aim of promoting gender equality and women's empowerment among students and staff members. The cell takes care of the grievances of female members related to gender discrimination, violence, and sexual harassment.

The Institute has the following facilities:

#### Safety and Security

- Security guards were stationed across the campus.
- Security checkpoints enter and exit.
- Extensive surveillance network control rooms
- Awareness campaigns on women's safety and gender sensitivity through street plays, rallies by the NSS.

- **Counseling**
- **Counseling male and female students and staff for academic and other issues/problems**
- **Grievance Committees for staff and students**
- **Entrance Exam Counseling, Orientation Programs for Teachers and Students**
- **Medical, moral, career, and village counselling through camps**
- **Common Rooms:**
- **Common rooms have been allocated for men and women, which facilitate meetings and discussions.**

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://aissmscoe.com/coe/naac2021/Criteria7">https://aissmscoe.com/coe/naac2021/Criteria7</a>

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

**A. 4 or All of the above**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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**

Institute has initiated use of less paper for official work. Printing is avoided wherever possible. This is mentioned in official mails circulated to faculty. Use of ERP (Enterprise resource planning) software is done for academic work, official work which greatly reduces the use of paper. All the notices, circulars and administrative orders are sent through email and WhatsApp.

Use of plastic is discouraged in institute campus like institute canteen, store, office, etc.

The leftover food which is organic in nature collected from the canteen is decomposed in a Biogas plant. Biomethanation is a process by which organic material is microbiologically converted under anaerobic conditions to biogas. The gas produced is utilized for cooking in the canteen.

The liquid waste collected from laboratories is treated in the institute campus using Cavitation technique. Hydrodynamic cavitation is a novel approach in the wastewater treatment which is executed by employing a constriction to increase the kinetic energy due to the decrease in the flow area resulting in the formation of cavities.

The E-waste generated inside the institute campus is segregated and handed to authorized e waste recycler.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	<a href="#">View File</a>

**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	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.5 - Green campus initiatives include**

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

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

**A. Any 4 or All of the above**

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

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

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

**B. Any 3 of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	<a href="#">View File</a>

<p><b>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</b></p> <p><b>5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</b></p>	<p><b>A. Any 4 or all of the above</b></p>
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File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

<p>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).</p>	<p><b>The college hosts a variety of events on campus each year to promote tolerance, regional, linguistic, and community socioeconomic peace. We also hold a number of events to raise awareness about social issues and human rights.</b></p>
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To promote tolerance, harmony, cultural, regional, linguistic, and communal socioeconomic development, the following events were organized:

1. Shivswarajya Din
2. Disha Pragtichi
3. Mazha Gaon Mazhi Jababdari Rally
4. Green Engineering
5. Mazi Vasundhara Campaign
6. Poshan Pandharwada
7. Mega Vaccination Drive
8. Fit India Run
9. Self Defense Training
10. Social Media Awareness WE App
11. National Constitution Day
12. Nisarg Sanvad
13. My River My Valentine
14. Shivjayanti
15. Plogging
16. Cleanliness Drive
17. 100 Years of Shahu Jayanti
18. 75 Years of Independence
19. Environmental conservation
20. Dindi program
21. Save Tiger Prog

22. EK divas Balirajyasathi

23. Adult Literacy Program Inauguration

All these events conducted by All India Shri Shivaji Memorial Society's College of Engineering, Pune-01, National Service Scheme unit under guidance of National Service Scheme coordinator and principal .In all events National Service Scheme Volunteers, students and staff took part enthusiastically which boost values in the students.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

Rajarshi Chhatrapati Shahu Maharaj of Kolhapur founded the All India Shri Shivaji Memorial Society with the goal of providing military education to children from low-income families. Later, institutes of higher education were established to carry on the vision of our great leaders.

The institution plans and organizes a variety of activities to increase students' and employees' awareness of their constitutional obligations, including values, rights, duties, and responsibilities.

1. Symbol of Knowledge
2. Disha Pragtichi
3. Wings of NSS
4. Tree Plantation
5. Covid Awareness Drive
6. Computer Literacy
7. Cleanliness Drive
8. Save environment rally
9. Mazha Gaon Mazhi Jababdari Rally
10. Woman empowerment

11. Plastic Free Village Drive
12. Green Engineering
13. Cleanliness Drive
14. Energy Conservation Survey
15. Heritage Conservation
16. National AIDS Day
17. AIDS Awareness Rally
18. Environmental conservation
19. Dindi Program
20. Save Tiger Program
21. EK divas Balirajyasathi
22. Adult Literacy Program Inauguration

All of these events were organized by the National Service Scheme unit of the All India Shri Shivaji Memorial Society's College of Engineering, Pune-01, under the supervision of the National Service Scheme coordinator and principal. National Service Scheme Volunteers, students, and staff enthusiastically participated in all events, boosting students' values.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil
Any other relevant information	<a href="https://aissmscoe.com/coe/naac2021/Criteria7">https://aissmscoe.com/coe/naac2021/Criteria7</a>

**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**

**A. All of the above**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

Rajarshi Chhatrapati Shahu Maharaj of Kolhapur founded the All India Shri Shivaji Memorial Society to support a military education for children from low-income families. In time, institutions of higher education were set up to continue the work begun by our forefathers.

To promote cultural, regional, linguistic, and communal socio-economic tolerance and harmony, the institute hosts a variety of events on campus each year. We also host a number of events aimed at raising public consciousness about important social issues and human rights.

The institution annually celebrates the following days, national festivals, and anniversaries of great Indian personalities:

1. Shiv swarajya Din
2. Mazha Gaon Mazhi Jababdari Rally
3. Woman empowerment
4. Poshan Pandharwada
5. National Constitution Day
6. Diwali Faral Packet Distribution
7. National AIDS Day
8. National Voters Day

9. Shivjayanti

10. 100 Years of Shahu Jayanti

11. 75 Years of Independence

12. 75 years Jyot

13. SPPU Foundation Day

14. National Youth Festival

15. World Spine Bone Day

16 Rastriya Ekta Diwas

Students and teachers alike participated in National Service Scheme events with great zeal, helping to in still positive values in the young people who participated.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

**7.2 - Best Practices**

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

The main objective of any technical institution is to cultivate talented and globally competent individuals through high-quality technical education, preparing them for immediate employment. To achieve this, our institute launched the "One Faculty, One Industry Drive." Each faculty member selects an industry relevant to their field and organizes activities to expose students to real-world practices. Initiatives include online FDPs, virtual industry visits, workshops, webinars, value-added courses, and MOUs with industries.

The library plays a vital role in creating a conducive learning

environment. It encourages reading through events like the "Best Library Reader Award" and organizes national/international conferences. It offers services like an NPTEL local chapter, author meet programs, access to E-resources, E-books, and DELNET, NDLI Club membership, plagiarism software, a library blog, and Google Classroom. The Librarian also serves as the DOAJ Ambassador of India, promoting scholarly communication.

Through these initiatives, our institution aims to produce well-rounded individuals with technical knowledge and essential skills to excel in the global workforce.

File Description	Documents
Best practices in the Institutional website	<a href="https://aissmscoe.com/coe/naac2021/Criteria7">https://aissmscoe.com/coe/naac2021/Criteria7</a>
Any other relevant information	<a href="https://aissmscoe.com/coe/naac2021/Criteria7">https://aissmscoe.com/coe/naac2021/Criteria7</a>

### 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

#### EMPOWERING STUDENTS' TECHNICAL COMPETENCY THROUGH A GLOBAL PLATFORM

The institute motivates the students to participate in various Competitive Technical Events to show off their technical skills by providing adequate funding and resources. The core objectives of the institute include fostering a multidisciplinary working culture, nurturing entrepreneurial and leadership qualities, promoting real-life problem-solving, and refining design, fabrication, testing, and presentation skills, all while emphasizing professionalism and ethical values. The activities in Resonance Racing (BAJA, SUPRA, Go-Kart, Effi-Cycle) and Team Garudashwa (SAE Aero Design) challenge students to design, build, and test prototypes.

Team Garudashwa, an esteemed International Aero Modelling Collegiate Club of the institute, excels in building and testing RC airplanes. Since its establishment in 2015, the team has consistently achieved accolades in various National and International Aero Design Competitions.



Team Garudashwa won the National Level SAE ISS competition in Best Aerodynamic Analysis and the International Level competition in Van Nuys, California, USA, in Technical Design Report. The team also received \$750 in prize money. These achievements demonstrate the institute's commitment to giving students a dynamic platform to succeed in technological excellence.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	<a href="#">View File</a>

### 7.3.2 - Plan of action for the next academic year

#### Plan of action for the next academic year

Institute has been initiating and implementing various activities to assure and improve quality of education imparted.

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

1. To get NBA accreditation for all the programs of the institute.
2. To organize project exhibitions to improve research culture among students.
3. To take various initiatives for the effective implementation of NEP 2020.
4. To initiate PhD research centers in all the departments of the institute.
5. To improve number of faculty with PhD qualification.
6. To increase number of smart class rooms with lecture capture facility.
7. To organize awareness sessions for CO, PO attainment for effective implementation of OBE.
8. To provide incentives to faculty for research contributions (publications, patent filing, etc.) for improving research publications.
9. To initiate value added courses, foreign language courses for students.
10. To organize induction lectures for all classes at the start of academics.

