



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution	SINDHUDURG SHIKSHAN PRASARAK MANDALS COLLEGE OF ENGINEERING
• Name of the Head of the institution	Dr. Aneesh Chintaman Gangal
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02367299214
• Mobile No:	9970068741
• Registered e-mail	sspmcoe@gmail.com
• Alternate e-mail	aneeshgangal@gmail.com
• Address	AP Harkul Budruk, kankavli Tal Kankavli District Sindhudurg 416602
• City/Town	Kankavali
• State/UT	Maharashtra
• Pin Code	416602
2.Institutional status	
• Affiliated / Constitution Colleges	
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Self-financing				
• Name of the Affiliating University	Mumbai University, Mumbai				
• Name of the IQAC Coordinator	Dr. Raosaheb Dadu Thombare				
• Phone No.	02367299214				
• Alternate phone No.	9763072417				
• Mobile	9763072417				
• IQAC e-mail address	vrthombare@gmail.com				
• Alternate e-mail address	vrthombare@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year)	www.sspmcoe.ac.in				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://www.sspmcoe.ac.in/NAAC.html				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.73	20`19	08/01/2020	07/01/2024
6.Date of Establishment of IQAC			06/11/2017		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
NIL	NIL	NIL	NIL	NIL	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			View File		

9.No. of IQAC meetings held during the year	4	
Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	No	
If No, please upload the minutes of the meeting(s) and Action Taken Report	View File	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
If yes, mention the amount		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
1. Prepared and uploaded the AQAR for the academic year 2020-21.		
2. Made the arrangement of a vaccination drive for students and faculty.		
3. Arranged online Alumni meet.		
4. Started offline classes and practical work.		
5. Student-beneficial decision (fee concession) was taken during the admission process for FE and DSE students.		
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	
Prepare and upload the AQAR of academic year 2020-21.	AQAR of academic year 2020-21 is prepared and submitted online before the deadline with all respect successfully.	
Create awareness about vaccination & make the arrangement of vaccination drive for students and staff.	Due to pandemic situation we could not start the classes' offline. To move one step ahead vaccination drive was arranged in our institute for remained students and faculty members and get it successfully	

Arrange online FDP for students and staff	Computer department was arranged the FDP for faculties and different webinars and workshop was arranged to all students.
Take department wise Alumni meet and keep interaction with them continuously	Computer, EXTC and Mechanical department was arranged Alumni meet online successfully.
Admission strategies for 2021-22 and 2022-23	Pervious year, first year admission was not satisfactory, so we took some important decision benefited to students and increased the admission level.
Start offline classes and practical work.	AS per guideline from GOV., AICTE, DTE and University we started offline classes and practical with taking all measure precautions successfully.
As per AICTE guidelines promote the students for internship programs	After pandemic situation parents and students were not willingly interested to do the internship programs, we promoted most of the students and get it done satisfactory.
As per AICTE guidelines form UHV cell and do the related programs.	Our UHV cell had organized and conducted some programs successfully in the institute promises.
13.Whether the AQAR was placed before statutory body?	No
Name of the statutory body	
Name	Date of meeting(s)
Nil	Nil
14.Whether institutional data submitted to AISHE	

Year	Date of Submission
2023	10/01/2023

15.Multidisciplinary / interdisciplinary

SSPMCOE kankavali is affiliated with Mumbai university and the curriculum has been updated with the vision of knowledge in all fields and overall development of students apart from their mainstream subjects. Humanities, Science, and Mathematics are an integral part of the engineering courses in the Institute. From the First year to the Final year of BE programs courses like Physics, Chemistry, Mathematics, English, Environmental Science, Environmental management, and Disaster management are taught in different semesters. Also in Mechanical, Electrical, Electronics, and telecommunication programs, different computer-related courses are placed to upgrade software knowledge seen the demand of industries. All the courses (theory and practical) are credit based as a part of the curriculum given by the university. Mini projects and major projects are mandatory for all the students from the second year to the final year in each semester. These are also based on credit. The projects taken by all the groups are useful to the society and environment. In our institute NSS cell of 50 students are active and they are doing lots of work for society and the environment. The institute is affiliated with Mumbai University; the curriculum structure is already defined by the university for four years degree course. The institute is trying to make it flexible but has not reached it yet. In our institute different programs (Computer, EXTC, Electrical, Mechanical, AIML and Mechtronics) are available and students are doing their major and minor projects under the guidance of Interdisciplinary guides. This is helping the students to make hybrid projects which are a combination of hardware and software. This hybrid project provides solutions to live issues of society in an optimistic form. The institute organized different webinars, workshops, and faculty development programs for all the students and faculties on different subjects to get the Interdisciplinary approach.

16.Academic bank of credits (ABC):

Academic Bank of Credits (ABC) is a digital library that contains information on the credits earned by individual students throughout their learning process. The main objective of ABC is to get authentic references from students at any time at any place. Also, it helps to provide a continuous platform to the students for Interdisciplinary higher education globally. To promote this scheme our institute has taken initiatives as per the guidelines of Mumbai

University and almost 95% of students made the registration and got an ABC id and the same has been communicated to Mumbai university. The institute is affiliated with Mumbai University and the curriculum is upgraded continuously to make the students compatible with industry requirements and for higher education. The curriculum is continuously upgrading so all faculty members are upgrading them to that level by attending different FDP, online webinars, workshops, and NPTEL courses.

17.Skill development:

Skill development is an essential aspect of education, especially in engineering colleges. Engineering is a discipline that requires a combination of theoretical and practical skills, which can be developed through various means. Institute has formed UHV(Universal Human Values) Cell to provide value-based education by conducting one-day workshops so as to inculcate positivity and ethics. It focuses on the overall development of students. At Sindhudurg Shikshan Prasarak Mandal's College of Engineering we have achieved it through the following skill development initiatives: Hands-on training: Engineering colleges should provide hands-on training in various fields of engineering, such as electrical, mechanical, and computer engineering. This training is provided through workshops, laboratory sessions, and internships. The international certification center at our institute conducted online training as well as certification examination like MTA, and MTC in the institute for the students. Approximately 100 students get benefitted and around 40 students got certificates. It also ensures that every student gets at least 2 certificates which open doors to getting employable. The credits of these certificates are counted at the end of every year. Industry collaboration: We have started a collaboration with industries to provide practical exposure to students. The industry experts provide insights into the latest technological advancements and help students gain real-world experience. Soft skill training: Soft skills such as communication, teamwork, leadership, and time management are vital for success in any profession. Institute focuses on providing training in these areas to help students develop a well-rounded skill set. Two weeks Barclays soft skill training and development workshop were conducted. Total 154 students attended this workshop. Project-based learning: Institute provides project-based learning opportunities to students. Projects/Mini projects are specially designed to address real-world problems, and students work in teams (2-3) to develop solutions. This approach helps students develop problem-solving, critical thinking, and project management skills. Various training workshops were conducted like IOT workshop, PHP and MySQL training,

Latex training, Java training, Linux training, Python training, RDBMS POSTGRES SQL, and IIT spoken tutorials Mentoring: Institute provides mentoring programs where teachers can guide and support students in their academic and career pursuits. This can help students gain valuable insights and industry connections. Institute is planning to add different skill-based courses and interdisciplinary courses to meet the NEP 2020. UG students can take up courses from minor degrees offered by University. Overall, Institute focuses on providing a well-rounded education that combines theoretical knowledge with practical skills and industry exposure. This approach helps students develop the skills they need to succeed in their careers. .

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

In India, a wide variety of cultures and traditions are present among the different states, like religion, language, cooking, food, clothing, the celebration of festivals, and many more. Considering the Indian language has been blessed with a wide range of languages used. Each state has its own language such as Assamee, Bengali, Dogri, Gujarati Hindi, Kannada, Kashmiri, Konkani, Maithili, Manipuri, Marathi, Nepali, Odia, Punjabi, Sanskrit, Santali, Sindhi Tamil, Telugu and Urdu and many more. But unfortunately, a major part of the state is unable to speak other languages than the native ones. Therefore when the student goes into the teaching-learning process they get confused and lost their confidence as well as a social relationship. To avoid such issues, in our institute we use English + Marathi (the local language of Maharashtra) language in the teaching-learning process. To promote this system institute encourages the students to take participation in zonal, University, and State level competitions in different events such as Cultural Youth Festival, Sports, and so on. Also, Institute organizes different cultural and sports events at the institute level to motivate the students which include dance, singing, drama traditional days, all types of sports, and so on. Similarly, our students are taking participation in debate, and essay competitions in Marathi and other Indian languages. This year due to the pandemic situation we were unable to conduct these events physically. Next year we planned to conduct these events and inculcate Indian culture among all students. Also, we planned to conduct some events and online courses on the Sanskrit language.

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

Outcome-based education is an approach to designing and delivering education that focuses on what students should know and be able to

do by the end of their learning experience.

Institutional initiatives to transform curricula towards OBE typically involve a series of steps, which includes:

1. Defining learning outcomes: The institution identifies the specific skills, knowledge, and abilities that students should develop through the curriculum. This includes determining what students should be able to do, and what they should know and understand.
2. Aligning assessment with learning outcomes: The institution designs assessment tasks that measure the extent to which students have achieved the learning outcomes. This may involve creating rubrics or other evaluation criteria to guide assessment.
3. Mapping the curriculum: The institution maps the curriculum to ensure that each learning outcome is addressed in the curriculum. This may involve revising existing courses or developing new ones.
4. Developing learning materials: The institution develops learning materials, such as lectures, activities, and assessments that align with the learning outcomes.
5. Training faculty: The institution provides training and support through workshops, training sessions, and ongoing support for faculty to help them.
6. Monitoring and evaluation: The institution monitors the effectiveness of the OBE which involve collecting data on student learning outcomes, tracking student progress, and making adjustments to the curriculum as needed.

Capturing outcome-based education (OBE) in teaching and learning practices involves designing and delivering instruction in a way that is aligned with the learning outcomes. Here are some efforts to capture OBE in teaching and learning practices:

1. Designing learning activities: Institutions may design learning activities that are aligned with the learning outcomes. For example, they may develop hands-on projects, case studies, or simulations that require students to apply what they have learned to real-world situations.
2. Providing feedback: Institutions may provide students with feedback on their performance that is aligned with the learning outcomes. This may involve using rubrics or other evaluation criteria that are explicitly tied to the outcomes.
3. Using active learning techniques: Institutions may use active learning techniques, such as group work or problem-based learning, to engage students in the learning process and help them develop skills and knowledge.

The National Education Policy (NEP) 2020 in India emphasizes the importance of outcome-based education (OBE) and encourages institutions to adopt this approach. Here are some examples:

1. Defining learning outcomes: Institutions have started to define clear and measurable learning outcomes that are aligned with the needs of students and society.
2. Curriculum mapping: Institutions are mapping their curriculum to ensure that each learning outcome is addressed.
3. Aligning assessment with learning outcomes: Institutions are designing

assessment tasks(rubrics or other evaluation criteria to guide assessment.) that measure the extent to which students have achieved the learning outcomes. 4. Providing feedback: Institutions are providing students with feedback on their performance that is aligned with the learning outcomes. 5. Professional development: Institutions are providing faculty with professional development opportunities(workshops, training sessions, and ongoing support) to help them implement OBE effectively.

20.Distance education/online education:

Due to the pandemic situation first semester of this academic year (2021-22) was conducted in online mode with all respect. All the lectures were conducted through Google Classroom, and Google meet and virtual practicals were conducted. For some demonstrative subjects, video clips were prepared and sent to the students to get practical knowledge. Some faculty members made their own youtube channel and lectures of their own courses were launched. Students are also instructed to do online NPTEL and SWAYAM courses to upgrade them. To improve the communication skill of students spoken tutorials and add-on courses were conducted online continuously and conducted related examinations. The institute has an MOU with IIT NPTEL and spoken tutorials courses which facilitates the students to do several online courses free of cost.

Extended Profile

1.Programme

1.1	5
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	589
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	98
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Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	View File
2.3	184
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	47
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	53
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	16
Total number of Classrooms and Seminar halls	
4.2	131.02527
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	250
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

Prior to each semester, the Principal conducts meeting with all HoDs to prepare the semester's working plan. Institute's Academic Calendar is planned and prepared using guidelines to carry out academic activities issued by the University of Mumbai. The Calendar contains a detailed schedule of various academic activities like Internal Assessments, Technical Activities, End Semester Exam schedules, etc. HoD conducts a meeting with their department's faculty and allocates courses to them based on their expertise and individual preferences to implement the planned strategies successfully and to deliver curricula in the classrooms and labs. Faculty creates a comprehensive Course Plan and Lesson Plan for assigned courses. Time table committee prepares timetables including the Master, Departmental, and Individual Faculty timetables taking approval from HoD and the Principal. Same are published on the notice board and circulated to respective staff. Two Unit Tests are conducted each semester to assess the student's academic performance in each course. Question papers are prepared using Bloom's taxonomy and expected course outcomes. Every faculty achieves Course Outcomes (COs), Program Outcomes (POs), and Program Specific Outcomes (PSOs). Program Exit Survey is conducted on final-year students at the end of their eighth semester to ensure effectiveness in curriculum delivery.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	NIL

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

Just before the start of an academic year, the Institute's timetable committee prepares an academic calendar that adheres to the guidelines of the affiliated university. According to university norms, there are two semesters per year, and each semester consists of around 14 weeks. Every teacher follows a strict agenda that is discussed and approved by the head of their department and follows the guidelines and schedule provided by affiliated university regarding the conduction of various activities during the semester. By referring to schedule and guidelines, each faculty create

comprehensive Course/s Plans and Lesson Plans based on the courses they've been assigned. Each faculty implements these plans strictly according to departmental timetable by using various teaching methodologies such as delivering lectures in the classroom and demonstrating various engineering concepts in the labs. Students' performance is reviewed on a regular basis during the semester through the Assignments and the Practical outcomes. Two Unit Tests are conducted each semester to assess a student's academic performance in each course. The timeline created allows the teachers to complete the prescribed syllabus by the affiliated university in enough time. Students also get adequate time before the examinations to prepare and practice their concepts.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	NIL

1.1.3 - Teachers of the Institution participate in B. Any 3 of the above 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

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

6

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)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

6

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

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

268

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

268

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

1.3 - Curriculum Enrichment

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

Human Value Cell and National Service Scheme strive to serve as a vital link between the current state of humanity and the vision of a happy and prosperous future. With the creation of these cells, we hope to raise our stakeholders' attention to the problems and challenges that they face on personal, family, societal, and environmental levels. Various activities were conducted to inculcate Human values among the students and staff like Bharatiya Sanvidhan Divas, Cleanliness Drive, COVID Awareness, COVID Vaccination Drive, Sparrow Day, Tree Plantation, Waste Management Awareness, etc. Every year, we celebrate the birth anniversaries of our great men to spread the messages they set behind. To address cross-cutting issues, a course like a disaster management is offered in the curriculum by the affiliating university. Institute also conducts various activities to create awareness among the students regarding these issues. To create awareness among the students and staff regarding issues such as Gender, Environmental Sustainability, Human Values, and Professional Ethics the Institute takes initiative. In the curriculum, the course Business Communication and Ethics has been prescribed by an affiliated university related to professional ethics.

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	View File

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

12

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

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

42

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

A. All of the above

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

1.4.2 - Feedback process of the Institution may be classified as follows

C. Feedback collected and analyzed

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.sspmcoe.ac.in/NAAC/Academic/feedback/report2021-22.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

240

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

28

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

2.2 - Catering to Student Diversity

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

Our institute is located in a remote place and students admitted to First Year Engineering are from rural backgrounds. As per the levels of learning of students institute categorizes them into Slow and

Advanced learners after admission on the basis of their CET scores and previous examination performance in PCM subjects. At the beginning of the semester orientation program was conducted, which covers prerequisites of various subjects. After identifying slow learners every concerned subject teacher pays individual attention to these types of students during teaching hours. Slow learners are asked to solve problems with various difficulty levels during tutorials/practicals. They engaged in study especially Applied Mathematics after college hours. At the end of every semester. Institute conduct remedial classes for slow learners and a student with poor academic performance in the semester. Teachers prepare Separate learning materials for Slow learners. Academic counseling is provided for these learners by the concerned faculties. Advanced learners are motivated to participate in Extra and Co-curricular activities like technical paper presentations i.e. 'EVOLUTION'. Advanced learners are further motivated to appear for online courses conducted by IIT (NPTEL) etc. Students are encouraged to take over many more projects which give them exposure to corporate or business houses.

File Description	Documents
Link for additional Information	NIL
Upload any additional information	View File

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

Number of Students	Number of Teachers
589	47

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Experimental Learning:

The institute focuses on technical knowledge which enhances the critical problem. Practical knowledge is imparted to the students through hands-on laboratory experiments. Also, they apply their

knowledge to develop Mini Projects and Final Year Projects.

The institute has purchased various software like Visual Studio, SQL Server, and JAVA for the Computer Science and Engineering department, MATLAB and PROTEUS for Electronics and Telecommunication department, AUTOCAD, CATIA, ANSYS, INVETOR for Mechanical and ETAP for Electrical Engineering, and Plagiarism Checker X for plagiarism checking. The students are motivated to use open-source software like LATEX, PYTHON, SCILAB, XAMP, UBUNTU Operating System, etc

Participative learning:

Students publish and present technical papers at various national and international level journals and conferences.

To imbibe leadership qualities students organize and participate in events like national-level technical festivals 'Virtuosic' and 'Evolution'.

Students are encouraged to participate in and arrange social activities such as SHIVAJAYANTI.

Problem-Solving Methodologies:

The faculty encourages as well as provides students with opportunities for internships in industry. This helps them to gain firsthand experience of the environment in which they further want to pursue their career.

Students participate in national-level project exhibitions, technical festivals, and research work.

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

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

- In the Corona Pandemic situation ICT tools in the teaching-learning process got enormous exposure. Due to the lockdown situation, every process in teaching learning got shifted to

online mode.

- For Online teaching activity institute used online teaching platforms like Google Meet and Zoom.
- For Laboratory work institute used Virtual Labs like IITB Virtual Lab and also some simulation software like AUTODESK INVENTOR, and PROTEUS.
- Google Classrooms are used to have interactions with students like notice, last date of submission, Experiment Submission, etc.

Videos are recorded of Lab sessions including Practical demonstrations and software simulations

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	NIL

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

24

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

47

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

5

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

492

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The timetable of online and offline internal assessment is displayed on the notice board in advance.

Question papers are set based on syllabus coverage and achievement of Cos.

Internal assessment is carried out regularly to ensure the complete understanding of each module by the students.

The online and offline exams are conducted as per guidelines prescribed by the university. They are monitored by invigilators.

Once the examinations are conducted, the answer scripts of students are evaluated by faculty members.

Once the papers have been evaluated, the result is conveyed to the students by the teachers. Suggestions are given to the students who need to improve and the ones who performed well are appreciated. The faculty discusses the entire length of the question paper and their subsequent correct answers. This helps the student understand their mistakes and note down the correction. Thus the students are allowed to assess their own work and any modifications to the marks are reflected. Suggestions are given to the students who need to improve and the ones who performed well are appreciated. The feedback on their performance helps the student to perform better next time.

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

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

Institute has a separate examination section to deal with grievances related to end-semester examinations, oral/practical examinations, internal assessments, etc.

For A.Y. 2021-22, due to Corona Pandemic Situation, ODD Semesters all examination-related activities such as filling out examination forms, paying examination fees, conveying timetables and deadlines of all activities, etc. were completed online mode only. Google forms were prepared for all the activities and data was collected online through these Google forms only. All examinations including oral/practical examinations, end-semester theory examinations, and Internal assessments were conducted in online mode. Standard SOP was issued by the University of Mumbai and using the same institute conducted the examinations. EVEN Semester all examination-related

activities were done in offline mode.

Online examinations were of MCQ and Descriptive types. The photocopy concept was not applicable to these online examinations as per the guidelines of the university of Mumbai.

Faculty members having the approval of the subject assessed the answer sheets available on Google Drive and Mark sheets were prepared for the same. Result approval was carried out online by the University of Mumbai.

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

2.6 - Student Performance and Learning Outcomes

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

It has two types of assessment methods direct method and indirect method

The direct method consists of Assignments, Laboratory Experiments, Unit Test-1 and 2, Multiple Choice Questions, Projects, and End Semester Examination Results

The syllabus of every course is divided into modules and a CO is defined for each module. In the case of only Laboratory subjects, CO is defined. These COs are mapped for the attainment of POs. The institute has prepared an automated excel template that accepts assessment details/results of the above-mentioned tools. All experiments, assignments, and unit tests map to CO. The CO of all courses is combined at the department level to give PO, and PSO attainment.

The indirect method consists of the following tools

1. Course Exit Survey - A course Exit survey is taken by every teacher for the subjects taught. The focus is on CO attainment through various activities conducted by the teacher for the subject.

2. Program Exit Survey - Taken at the department level by HOD at the end of the 8th semester of the Engineering Program, focused on

Program Outcomes and their attainment. Course coordinators are informed about POs attainment when the process is complete for the given academic year.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	NIL
Upload COs for all courses (exemplars from Glossary)	View File

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

Attainment:- Direct & indirect assessment methods are used to evaluate the attainment levels of COs for each course. Attainment levels are defined as levels 1,2,3

Attainment levels 1- 40% students scoring more than class average marks in the final, course exit analysis and internal examination for University Examination, Course Exit Survey and Internal Assessment

Attainment levels 2- 50% students scoring more than class average marks in the final, course exit analysis, and internal examination for University Examination, Course Exit Surveys, and Internal Assessments

Attainment levels 3- 60% students scoring more than class average marks in the final, course exit analysis and internal examination for University Examination, Course Exit Survey, and Internal Assessment

Each CO attainment is calculated through Direct Method and Indirect Method. Also, University examination results are taken into account. Overall attainment for PO is calculated by using the following points.

- 1. Program Outcome**
- 2. University Examination**
- 3. Internal Assessment**

4. Target Level

5. Attainment through University Examination X1

6. Attainment through Internal Assessment X2

7. Overall attainment (0.8X1+0.2X2)

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

2.6.3 - Pass percentage of Students during the year

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

184

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	NIL

2.7 - Student Satisfaction Survey

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

<https://www.sspmcoe.ac.in/NAAC/criteria-2/2021-22/2.7.1/2.7.1.xlsx>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0.26500

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

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

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

2

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

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

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

41

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

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

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

0.53

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

2

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

3.3 - Extension Activities

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

In our institute (SSPM'S College of Engineering, Kankvali), a number of extension activities are organized to sensitize the students towards community needs. The college runs effectively National

Service Scheme Unit. Through this unit, the college undertakes various extension activities in the neighbourhood community. NSS organizes several activities. These activities are carried out by NSS volunteers addressing social issues which include cleanliness, tree plantation, water conservation through Shramdan, Social interaction, Group discussion, literacy awareness, Environmental awareness, Women empowerment, National Integrity, Aids awareness, Blood donation camp, Covid-19 awareness Computer literacy, etc. Extension activities are carried out through the UHV cell by organizing webinars such as Relevance of UHV-Trust, Respect, etc, and also the Role of universal human values in his carrier and in his education. MHT-CET crash courses in PCM are conducted by our college faculty, conducted practice Tests, Mock Tests _ Lakshyvedh as per MHT-CET format For 12th Sci. Students. SIP was organized for FE Students. Guidance lectures such as Cloud Computing, MBA as a carrier Option, etc, and Yoga sessions were conducted online. The students of our college actively participate in social service activities leading to their holistic development.

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

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

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

5

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

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS

awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

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

50

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

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

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

3141

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

3.4 - Collaboration

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

206

File Description	Documents
e-copies of linkage related Document	No File Uploaded
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

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

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

9

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institute has a beautiful campus with Lush Green Landscape.

The institute has excellent infrastructure facilities such as ICT-enabled classrooms, well-equipped laboratories, Workshop, Central Library, an Incubation center, a Research lab, Spacious Multipurpose Hall, Seminar Hall, Administrative Offices, Canteen, and Hostels, Gymnasium and Swimming Pool, etc.

To create a conducive teaching-learning environment, the institute provides adequate facilities for academics.

The management is devoted to the development and continuous

improvement of infrastructure facilities that boost the teaching-learning process.

All departmental Laboratories are well-equipped and furnished.

Each department has a Departmental Library which helps students and faculty during practical sessions.

Each department has Tutorial Rooms which are used to conduct tutorials and remedial classes.

Access to NPTEL video lectures and e-journals is made available on the entire campus.

The institute has separate Boys and Girls hostel with an excellent Food facility and 24-hour uninterrupted power supply and the Internet.

Both Hostels have TV rooms and recreational facilities like Swimming Pool and Gymnasium.

In case of emergencies an Ambulance and Doctor facility is available on the campus.

The institute has Fire Extinguishers on campus and emergency exits for calamities like fire and earthquake.

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

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

The institute promotes cultural activities, and technical activities, and sports offer the opportunity for an individual to enhance abilities like willpower, expressions, physical and mental development, courage, and social interaction.

Sports

The institute organizes annual sports and provides facilities for major games. Sports materials are provided to the students. A

playground of 11500 sq. m. area is available on the institute campus.

Games

Indoor and outdoor games are conducted as Table-tennis, Badminton, Carom, ChessFootball, Volleyball, Cricket, Athletics, Kho-kho, and Kabaddi

The Institute provides traveling allowance, boarding allowance, and technical support to students who participate in Inter-university, State level, and National level cultural, Technical, and sports events.

Cultural Activities

The institute has Multipurpose Hall with a seating capacity of 800+ nos. it has equipped with an LCD projector, screen, well-furnished interior, good sound system, etc. Also, an open theatre with a seating capacity of more than 2000 audience.

The institute arranges a national-level technical festival 'VIRTUOSIC' every year to foster technical and managerial talents in students and an annual function 'UTTUNG' every year to provide a platform for the students to encourage their hidden talents.

Gymnasium

A swimming pool and well-equipped gymnasium are provided on the campus with an instructor.

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

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

14

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

14

File Description	Documents
Upload any additional information	View File
Paste link for additional information	NIL
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

131.3956

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Earlier central library utilized TCS software but due to the pandemic situation and seeing the cost of it, we are shifting to open-source software or another software.

Open access facility available for all students and staff for issues/returns books.

The reading room is well furnished to accommodate 80+ students at a time and provides a conducive environment for study.

A visitor's book is maintained separately for students and faculty members.

In all 475 Springer e-journals are available and can be accessed on campus.

Apart from these, the accompanying facilities are made accessible in the library:

Internet and Wi-Fi Facility

Book bank facility for SC/ST students offers a whole set of all books required of them every semester.

The books are made available for Divyang understudies at any place on the campus.

All university question papers are available in the library.

NPTEL video lectures are available in the library.

Membership of the National Digital Library of India (NDLI)

Formation of SSPM's college of Engineering NDLI Club

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

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

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

3.59489

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

5

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

The IT-related framework is ideally moved up to improve ICT based teaching-learning process to keep pace with ongoing advancements in the engineering field. every year to provide a platform for the students to display hidden talents, team spirit, leadership qualities, and organizing ability among students.

Each department has ICT-equipped classrooms and a shared seminar hall.

A student-Computer ratio of 1:1 is maintained during practical hours.

For fulfilling the requirement of simulation-based experimental work, MATLAB software has been purchased.

The institute has secured a hard disk of NPTEL video lectures for

the e-learning of students and faculty

All laboratories and computing facilities are connected to the intranet.

Wi-Fi connectivity is provided in the library and canteen since 2018-19.

For security purposes, all PCs in the institute are protected by antivirus.

For the safety and security of the students and faculties, CCTV cameras are installed at different locations in the administrative office and academic areas.

For the online teaching-learning process, a zoom subscription has been purchased and registered for google suite in 2020-21.

For the online teaching-learning process, Pentab has been purchased in 2020-21.

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

4.3.2 - Number of Computers

250

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

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

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

4.4 - Maintenance of Campus Infrastructure

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

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

131.3956

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

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

For the long service life of infrastructure, lab equipment, and other resources maintenance policy is prepared.

Maintenance is done through repair, partial replacement, or total replacement.

Infrastructure Maintenance Schedule

Item Name

Frequency

Type of maintenance

Campus cleaning

Daily

Preventive

Pest control

After every 4 months

or as per need.

Water tank cleaning

Fire hydrant system and cylinder

Grass cutting machine

After every 6 months

or as per need

Generator

Invertor batteries

Terrace cleaning

Air conditioner Units(through

AMC's)

Water coolers

Painting

Yearly

Solar system

Classroom & Laboratory

Daily

Library

House keeping

Electrical appliances

(Tubes Fans)

As per need

Breakdown

Street light

Plumbing work

EPABX system

Carpentry work

IT Infrastructure related Maintenance

Item Name

Frequency

Type of maintenance

Wi-Fi modules

After every 2 months

or as per need

Preventive

LCD projectors

After every 4 months

or as per need

CCTV cameras

LAN cables and ports

As per need

Breakdown

All computers and networking facilities in the institute are under the observation of the Computer Department.

Full-time supporting staff takes care of maintenance activities under the guidance of maintenance in charge.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

427

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

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

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

176

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

A. All of the above

File Description	Documents
Link to institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

329

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

329

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)	View File

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	View File
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

56

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

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

0

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

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

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

0

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

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

3

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

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The institute has an active Student Council which includes boys and girls. The Student Council is a platform for the students to voice their opinions and views related to academic, co-curricular, and extra-curricular activities. The institute has a Student Council, Students Chapters, and Student Associations. The Institute also promotes the participation of students in academic and administrative bodies. In the month of January every year, the members of the student council body elect the Student Secretary. The class representatives of the final year are eligible for contesting the post of Students Secretary. The Student Secretary represents the college in university meetings related to sports, cultural activities, and other programs organized by Mumbai University. Every year meetings are held between student Council members, where various matters related to Studies, Sports, Cultural activities, participation in various inter-collegiate programs, grievances of students, and matters related to administrative work are discussed. Student council organizes fresher's welcome and farewell functions respectively for fresher students as well as final-year students. The active participation of students in the planning and execution of different activities conducted through all the above-mentioned associations, cells, and committees enhances their confidence, leadership qualities, and managerial as well as interpersonal skills.

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

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

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

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

5.4 - Alumni Engagement

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

Sindhudurg Shikshan Prasarak Mandal's College of Engineering (SSPMCOE) alumni association has been registered with the office of the Charity Commissioner, Sindhudurg with Reg.no. Maharashtra / 3120 /sindhudurg was established in the academic year 2009-10 under the Societies Registration Act, of 1860. The Alumni Association committee consists of representatives of students and faculty from each department. The Alumni association communicates with the alumni through email or social media. Mr. Ajit P. Gosavi is the president of the Alumni association.

Our alumni involve in conducting seminars for college students and share their industry experience. Whenever possible Alumni visited the institute and guide the students. The alumni have their representation in IQAC and College Development Cell (CDC).

Alumni always help in the development of the Institute through Alumni meetings, Guest Lectures, Career Guidance, etc.

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

5.4.2 - Alumni contribution during the year E. <1Lakhs

(INR in Lakhs)

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision: To provide technical education to the needy students, in the field of Engineering for gainful employment and self-employment to improve standard of living of their respective families. To develop Global Competency among youth of Konkan Region by providing quality education continuously.

Mission: To deliver fundamental engineering knowledge to students. To develop professional competence for better career opportunities. To provide overall personal and social development with research mind for the benefit of society.

Institute offers total six-degree courses 1. Computer Engineering 2. Electrical Engineering 3. Mechanical Engineering 4. CSE (AI & ML) 5. Mechatronics and 6. Electronics and Telecommunication Engineering . Vision and Mission mapping is done through PO's and CO's through each subject contributing individual CO and PO through PEOs.

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

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

The institute promotes a culture of participative management by involving staff and students in various activities.

1. Strategic Level: The Principal and staff members are involved in defining the policies/procedures, framing guidelines and rules/regulations pertaining to admission, placement, discipline, grievance, counseling, training & development, library services,

etc.

2. Functional Level: At the functional level the faculty members participate in sharing knowledge by discussing the latest trends/technology during faculty meetings. Staff members are involved in the preparation of the annual budget of the institute.

3. Operational level: The Principal of the institution is responsible for the academic, nonacademic, and administrative activities of the institution. All the staff members actively participate in implementing the policies, procedures, and framework designed by the management in order to maintain and achieve quality standards.

Decentralized governance system.

1. Principal Level: The Governing Body delegates all the academic and operational decisions based on policy to the Central Development Committee (CDC) headed by the Principal in order to fulfill the vision and mission of the institute.

2. Faculty Level: Faculty members are given representation in various committees/cells and are allowed to conduct various programs to showcase their abilities.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institute promotes a culture of participative management by involving staff and students in various activities.

1. Strategic Level: The Principal and staff members are involved in defining the policies/procedures, framing guidelines and rules/regulations pertaining to admission, placement, discipline, grievance, counseling, training & development, library services, etc.

2. Functional Level: At the functional level, the faculty members participate in sharing knowledge by discussing the latest

trends/technology during faculty meetings. Staff members are involved in the preparation of the annual budget of the institute.

3. Operational level: The Principal of the institution is responsible for the academic, nonacademic, and administrative activities of the institution. All the staff members actively participate in implementing the policies, procedures, and framework designed by the management in order to maintain and achieve quality standards.

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2. Faculty Level: Faculty members are given representation in various committees/cells and are allowed to conduct various programs to showcase their abilities.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	NIL
Upload any additional information	No File Uploaded

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

Organizational Structure: For the smooth functioning of administrative and academic processes, Sindhudurg Shikshan Prasarak Mandal's College of Engineering has a well-established organizational structure.

The constituents of the organization structure are as follows: the Principal, Heads of the Departments, sectional heads and coordinators of various committees have adequate participation in making decisions.

1. Governing body

2. College Development Committee

3. IQAC

4. Principal

5. Registrar

5. HODs

6. Librarian

7. Training and Placement Officer

8. Office Superintendent

9. Hostel Rector

Governing Body:-

Service rules, procedures, recruitment, and promotional policies: The rules and policies regarding recruitment and promotion are as per AICTE and Mumbai University norms.

Recruitment Procedure: The approval for the sanctioned posts is first taken from the university Approval from the university is then taken for publishing the advertisement to invite applications. The advertisement is published in local and national newspapers. A selection committee duly appointed by the university conducts the interviews. The eligible and selected candidate names are recommended to the University for Approval. The appointment is done after the due approval from the university.

The mechanism and composition of the grievance redressal system: The institute has a grievance redressal mechanism and system in place. Decentralized functioning is quite effectively practiced.

File Description	Documents
Paste link for additional information	NIL
Link to Organogram of the Institution webpage	NIL
Upload any additional information	View File

6.2.3 - Implementation of e-governance in

C. Any 2 of the above

**areas of operation Administration Finance and
Accounts Student Admission and Support
Examination**

File Description	Documents
ERP (Enterprise Resource Planning)Document	No File Uploaded
Screen shots of user interfaces	No File Uploaded
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Provident Fund The institution has the following welfare measures for teaching and non-teaching staff. **Provident Fund - 100% of employees including contract security staff are covered under Employee Provident Fund Scheme. Regular contribution of Employer and Employees is transferred to PF A/c through online mode at every month's end. Gurukul Scheme with Bank of India All Teaching and NonTeaching staff of schools/colleges/universities and all such educational institutes are eligible to open an account under the scheme provided a minimum of 10 employees and each employee has a minimum take home salary of Rs. 5000/- p.m. and above can join the scheme. Institute. Institute in collaboration with Bank gives 50% concession in processing charges on Home Loan, Auto loans & Personal Loan. Bank provides 0.25% concession in ROI on Home Loan and Auto Loan subject to min Base rate. Maternity Leave The institute provides full-pay maternity leave to all female employees for their first two children. Financial Assistance inclusive of Travelling Reimbursement, Registration Fees of Rs. 10,000/- per faculty per financial year is provided for Paper Publication/ Research/Seminars/Workshops.**

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

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

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

2

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

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

Nil

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)	No File Uploaded

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

101

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

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

The institute has a Performance-based appraisal system conducted as follows: The process of appraisal is annually carried out where all HODs collect self-appraisal reports from all the faculty. These reports are then closely checked by the respective HOD and a confidential report is generated. This confidential report is sent to the Principal. Self Appraisal given by each Faculty consists of the details of work, contribution, and achievements in the concerned academic year. For Teaching Staff: The performance Based Appraisal System of the University of Mumbai is followed. Category I: Teaching learning and evaluation-related activities. (API Score 125) Student feedback Result analysis Course file Use of innovative teaching-learning methodologies Practical/oral Examination Related Work Category II: Cocurricular, Extension, and Professional Development Related Activities. (API Score 50) NSS/NCC Extension Activity Academic and Administrative Responsibilities. STTP Category III: Research and Publication. (API Score 75) Seminar Conference Journal Research Work

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit

objections within a maximum of 200 words

The institute has its internal and external audit procedures for the accounts department. We have our own internal audit procedure where internal audit is an ongoing quarterly process in addition to the external auditors verifying and certifying the entire Receipt and Payment, Income and Expenditure, and Balance Sheet of the Institute each year. Qualified Internal Auditors from external resources are permanently appointed to do a thorough check and verification of all vouchers of the transactions that are carried out in each financial year. Likewise, an external audit is also carried out in an elaborate way on yearly basis. The institutional accounts are audited regularly by both Internal and statutory audits. So far there have been no major objections from internal/external Auditors. Minor errors of omissions and commissions when pointed out by the Auditors are immediately corrected/rectified and precautionary steps are taken to avoid the recurrence of such errors in the future. The institute regularly follows Internal & external financial audit mechanisms.

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

NIL

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

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

Sidhudurg Shikshan Prasarak Mandal's College of Engineering is a self-financed Institution. Funds are generated by fees from students and advance from the trust if required. The FRA decides and approves institutes fee structure every year.

The principal prepares the Institutional budget every year with the help of the Heads of the Departments, coordinators of various cells like Training and placement, Research, and development. Daily expenses and urgent requirements up to Rs. 1 lakh are sanctioned by the Registrar and Principal. Major financial transactions are verified and sanctioned by the CDC and Director of Trust as per the Budget heads of every year. After getting final approval to the Budget, the Purchase committee calls quotations and prepares comparatives. The comparative statement is verified with the quotations by the Scrutiny officer of trust. Accordingly, negotiations are done by the Principal and the purchase order is placed in standard format. Payments are released as per the terms and conditions finalized at the time of negotiations and purchase order and after verification of specification and working condition of material/equipment by respective faculty members. Payment vouchers are prepared and cash/cheque is drawn after getting all required documents with budget stamp and signature of higher authorities

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

6.5 - Internal Quality Assurance System

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

The Institute's IQAC is functional and contributes to the quality culture on the campus. The IQAC undertakes quality sustenance and quality enhancement measures. The college has a well-established IQAC which is instrumental as a part of all developmental decisions of the college including infrastructural and academic development. The IQAC frames a schedule of meetings at the beginning of the session with different departments to assess their progress on monthly basis. In the scheduled meetings the departments are accessed for their academic progress, attendance records, the quantum of syllabi completed, tutorials, assignments, student

presentations, etc. The departments are also assessed for their infrastructural needs. Academic audit: An Academic Audit Framework (AAF) has been designed by the institute. The institute has decided to perform an Academic Audit of every department in each year. But because of Covid 19 pandemic, it was not done in the year 2021.

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

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

The institute follows Outcome-Based Education. The OBE implementation starts with the attainment of twelve (12) Program Outcomes (PO) and Program Specific Outcomes (PSO) for all the departments.

A. The direct method: 1. Assignments 2. Laboratory Experiments 3. Unit Test-1 & 2 4. Multiple Choice Questions 5. Projects 6. End Semester Examination Results. The syllabus of every course is divided into modules and a CO is defined for each module. In the case of only Laboratory subjects, CO is defined. These COs are mapped for the attainment of POs. The institute has prepared an automated excel template that accepts assessment details/results of the above-mentioned tools. All experiments, assignments, and unit tests map to CO

B. The indirect method: 1. Course Exit Survey – A course Exit survey is taken by every teacher for the subjects taught. The focus is on CO attainment through various activities conducted by the teacher for the subject. 2. Program Exit Survey – Taken at the department level by HOD at the end of the eighth semester of the Engineering Program, focused on Program Outcomes and their attainment. The institute takes cognizance of the attainment levels and issues guidelines for sustaining or improving performance.

File Description	Documents
Paste link for additional information	NIL
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)

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	NIL
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

1. Institute has organized a program on "Nutrition and Diet".

2. Principal, Registrar, and 2 staff members stay on campus 24x7.

3. Institute has its own 24x7 security on campus. CCTV's installed in the campus as well as classrooms and laboratories.

4. Total campus is under CCTV surveillance.

5. Institute has a separate Hostel for Girls and Boys with amenities like generator supply, Internet and medical, etc.

6. Institute provides a pick-up and drop facility for outstation students to a particular location.

7. Institute has an ambulance facility in case of any emergency.

8. Anti-Ragging committee functions actively in the Institute to handle carefully the issue of ragging.

9. Institute has arranged various counseling programs through the Women Development cell.

10. Internal complaint committee works to redress issues of Ladies' staff and Girls' students.

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	https://www.sspmcoe.ac.in/NAAC/criteria-7/2021-2022/7.1.1/7.1.1PR00F.pdf

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

C. Any 2 of the above

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

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

Solid waste management: Solid waste produced on the campus such as tree leaves and other waste is used for the preparation of compost. Institute is keen to generate less wastage in terms of food from the canteen provided to feeding animals.

Liquid waste management: Institute has an underground drainage system. Wastewater from the cooler outlet and overflow is utilized for green practices such as plantation. Institute does not generate any chemical waste. Chemicals used in the Chemistry laboratory are of very low concentration.

E-waste management: Electronic waste such as UPS old batteries is sent for recycling through a buy-back policy. Also, monitors of old computers are sent for recycling through a buy-back policy, and new power-efficient LCD/LED monitors are purchased.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	www.sspmcoe.ac.in/NAAC/criteria-7/2021-2022/7.1.3/waste_managment_images.zip
Any other relevant information	No File Uploaded

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

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 with trees and plants

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

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

C. Any 2 of the above

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment
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	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

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

The NSS Unit of the College has conducted the following activities to maintain harmony towards cultural, regional, linguistic, communal socioeconomic, and other diversities

Webinar on Blind Faith about Snake

Webinar on Exploring Arts

Cleaning of Vridhashram

Covid awareness

Notebook distribution

Teacher's Day celebration

Temple Cleaning

Yoga session

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

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

The Universal Human Values committee of the College and NSS Unit is taking a lot of initiatives for the transformation of students into responsible citizens. Institute is also eager to provide value-based education to inculcate values, and ethics among the students so that when they pass out from the institute they will be one of the best Indian citizens.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff C. Any 2 of the above
4.
Annual awareness programmes on Code of Conduct are organized

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

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

Institute celebrates/organizes national and international commemorative days, events, and festivals under NSS Unit such as

Gandhi Jayanti & Lal Bahadur Shastri Jayanti

Savitribai Phule Jayanti

Savitribai Phule Punyatithi

Bhartiya Sanvidhan Diwas

Swami Vivekanand and Rajmata Jijau Jayanti

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Practice 1: Student Development Program (SDP)

Students admitted to our institute are mostly from rural areas with varied backgrounds lacking industry-oriented skills. The curriculum is not entirely based on the requirement and expectations of the industry for employment. The industry needs a ready workforce to be competent enough to start contributing from day one and at the same time many industries do not have policies for Internships. Due to all these facts, the institute focuses on arranging various industry-oriented skill development programs for the students.

Institute is mainly focusing more on various skill development courses for students. Institute encourages students for Spoken Tutorial Certification and NPTEL Certification. Institute is also arranging workshops, training, and seminars from various industry experts.

Practice 2: Use of ICT for the Teaching-Learning process and creation of Video lectures and e-content database

Institute started e-content development and database creation to create a conducive teaching-learning environment. All teaching and non-teaching staff started using all G-suite facilities such as google classroom, google meet for lecture and practical recording,

and various google facilities.

Institute has started e-content development by using g-suite facilities for academic management tools. Most of the staff members started their YouTube channel and they are getting a good response.

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

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The institute is established by a great visionary Hon. Shri. Narayanraoji Rane sahib in 1999 to provide engineering education to needy students and change the economic scenario of the Konkan region. Institute is located 3 Km away from Kankavli city on 30.5 acres of eco-friendly campus which helps to enhance the teaching-learning environment. Institute has excellent Infrastructure, and well-equipped laboratories to meet and cope up with changing scenarios in education and industry. The institute has a moderate fee and always supports needy students. Besides this, we encourage the students by providing various scholarships and awards such as Nilesh Nitesh award to FE, SE, TE, BE, and best outgoing students.

The institute strictly follows updated rules and regulations for the admission process. Institute organizes various technical events such as Virtuosisic, Evolution, etc. These events provide a platform to present innovative ideas and engineering aspects to the maximum number of students. It includes project exhibitions, research paper presentations, workshops from industries, and Seminars by experts to fill up educational and industry gaps. Institute is focusing on placement activities and also organizes society-beneficial programs. Institute has an IIT remote center for conducting lectures and workshops from various organizations.

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

Prior to each semester, the Principal conducts meeting with all HoDs to prepare the semester's working plan. Institute's Academic Calendar is planned and prepared using guidelines to carry out academic activities issued by the University of Mumbai. The Calendar contains a detailed schedule of various academic activities like Internal Assessments, Technical Activities, End Semester Exam schedules, etc. HoD conducts a meeting with their department's faculty and allocates courses to them based on their expertise and individual preferences to implement the planned strategies successfully and to deliver curricula in the classrooms and labs. Faculty creates a comprehensive Course Plan and Lesson Plan for assigned courses. Time table committee prepares timetables including the Master, Departmental, and Individual Faculty timetables taking approval from HoD and the Principal. Same are published on the notice board and circulated to respective staff. Two Unit Tests are conducted each semester to assess the student's academic performance in each course. Question papers are prepared using Bloom's taxonomy and expected course outcomes. Every faculty achieves Course Outcomes (COs), Program Outcomes (POs), and Program Specific Outcomes (PSOs). Program Exit Survey is conducted on final-year students at the end of their eighth semester to ensure effectiveness in curriculum delivery.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	NIL

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

Just before the start of an academic year, the Institute's timetable committee prepares an academic calendar that adheres to the guidelines of the affiliated university. According to university norms, there are two semesters per year, and each

semester consists of around 14 weeks. Every teacher follows a strict agenda that is discussed and approved by the head of their department and follows the guidelines and schedule provided by affiliated university regarding the conduction of various activities during the semester. By referring to schedule and guidelines, each faculty create comprehensive Course/s Plans and Lesson Plans based on the courses they've been assigned. Each faculty implements these plans strictly according to departmental timetable by using various teaching methodologies such as delivering lectures in the classroom and demonstrating various engineering concepts in the labs. Students' performance is reviewed on a regular basis during the semester through the Assignments and the Practical outcomes. Two Unit Tests are conducted each semester to assess a student's academic performance in each course. The timeline created allows the teachers to complete the prescribed syllabus by the affiliated university in enough time. Students also get adequate time before the examinations to prepare and practice their concepts.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	NIL

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

B. Any 3 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	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	
6	
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)	View File
1.2.2 - Number of Add on /Certificate programs offered during the year	
1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)	
6	
File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File
1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year	
268	
1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year	
268	

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

1.3 - Curriculum Enrichment

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

Human Value Cell and National Service Scheme strive to serve as a vital link between the current state of humanity and the vision of a happy and prosperous future. With the creation of these cells, we hope to raise our stakeholders' attention to the problems and challenges that they face on personal, family, societal, and environmental levels. Various activities were conducted to inculcate Human values among the students and staff like Bharatiya Sanvidhan Divas, Cleanliness Drive, COVID Awareness, COVID Vaccination Drive, Sparrow Day, Tree Plantation, Waste Management Awareness, etc. Every year, we celebrate the birth anniversaries of our great men to spread the messages they set behind. To address cross-cutting issues, a course like a disaster management is offered in the curriculum by the affiliating university. Institute also conducts various activities to create awareness among the students regarding these issues. To create awareness among the students and staff regarding issues such as Gender, Environmental Sustainability, Human Values, and Professional Ethics the Institute takes initiative. In the curriculum, the course Business Communication and Ethics has been prescribed by an affiliated university related to professional ethics.

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	View File

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

12

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

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

42

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

A. All of the above

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

1.4.2 - Feedback process of the Institution may be classified as follows

C. Feedback collected and analyzed

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.sspmcoe.ac.in/NAAC/Academic/feedback/report2021-22.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

240

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

28

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

2.2 - Catering to Student Diversity

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

Our institute is located in a remote place and students admitted to First Year Engineering are from rural backgrounds. As per the levels of learning of students institute categorizes them into Slow and Advanced learners after admission on the basis of their CET scores and previous examination performance in PCM subjects. At the beginning of the semester orientation program was conducted, which covers prerequisites of various subjects. After identifying slow learners every concerned subject teacher pays individual attention to these types of students during teaching hours. Slow learners are asked to solve problems with various difficulty levels during tutorials/practicals. They engaged in study especially Applied Mathematics after college hours. At the end of every semester. Institute conduct remedial classes for slow learners and a student with poor academic performance in the semester. Teachers prepare Separate learning materials for Slow learners. Academic counseling is provided for these learners by the concerned faculties. Advanced learners are motivated to participate in Extra and Co-curricular activities like technical paper presentations i.e. 'EVOLUTION'. Advanced learners are further motivated to appear for online courses conducted by IIT (NPTEL) etc. Students are encouraged to take over many more projects which give them exposure to corporate or business houses.

File Description	Documents
Link for additional Information	NIL
Upload any additional information	View File

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

Number of Students	Number of Teachers
589	47

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Experimental Learning:

The institute focuses on technical knowledge which enhances the critical problem. Practical knowledge is imparted to the students through hands-on laboratory experiments. Also, they apply their knowledge to develop Mini Projects and Final Year Projects.

The institute has purchased various software like Visual Studio, SQL Server, and JAVA for the Computer Science and Engineering department, MATLAB and PROTEUS for Electronics and Telecommunication department, AUTOCAD, CATIA, ANSYS, INVETOR for Mechanical and ETAP for Electrical Engineering, and Plagiarism Checker X for plagiarism checking. The students are motivated to use open-source software like LATEX, PYTHON, SCILAB, XAMP, UBUNTU Operating System, etc

Participative learning:

Students publish and present technical papers at various national and international level journals and conferences.

To imbibe leadership qualities students organize and participate in events like national-level technical festivals 'Virtuosic' and 'Evolution'.

Students are encouraged to participate in and arrange social activities such as SHIVAJAYANTI.

Problem-Solving Methodologies:

The faculty encourages as well as provides students with opportunities for internships in industry. This helps them to gain firsthand experience of the environment in which they further want to pursue their career.

Students participate in national-level project exhibitions,

technical festivals, and research work.

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

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

- In the Corona Pandemic situation ICT tools in the teaching-learning process got enormous exposure. Due to the lockdown situation, every process in teaching learning got shifted to online mode.
- For Online teaching activity institute used online teaching platforms like Google Meet and Zoom.
- For Laboratory work institute used Virtual Labs like IITB Virtual Lab and also some simulation software like AUTODESK INVENTOR, and PROTEUS.
- Google Classrooms are used to have interactions with students like notice, last date of submission, Experiment Submission, etc.

Videos are recorded of Lab sessions including Practical demonstrations and software simulations

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	NIL

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

24

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

47

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

5

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

492

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The timetable of online and offline internal assessment is displayed on the notice board in advance.

Question papers are set based on syllabus coverage and achievement of Cos.

Internal assessment is carried out regularly to ensure the complete understanding of each module by the students.

The online and offline exams are conducted as per guidelines prescribed by the university. They are monitored by invigilators.

Once the examinations are conducted, the answer scripts of students are evaluated by faculty members.

Once the papers have been evaluated, the result is conveyed to the students by the teachers. Suggestions are given to the students who need to improve and the ones who performed well are appreciated. The faculty discusses the entire length of the question paper and their subsequent correct answers. This helps the student understand their mistakes and note down the correction. Thus the students are allowed to assess their own work and any modifications to the marks are reflected. Suggestions are given to the students who need to improve and the ones who performed well are appreciated. The feedback on their performance helps the student to perform better next time.

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

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

Institute has a separate examination section to deal with grievances related to end-semester examinations, oral/practical examinations, internal assessments, etc.

For A.Y. 2021-22, due to Corona Pandemic Situation, ODD Semesters all examination-related activities such as filling out examination forms, paying examination fees, conveying timetables and deadlines of all activities, etc. were completed online mode only. Google forms were prepared for all the activities and data was collected online through these Google forms only. All examinations including oral/practical examinations, end-semester theory examinations, and Internal assessments were conducted in online mode. Standard SOP was issued by the University of Mumbai and using the same institute conducted the examinations. EVEN Semester all examination-related activities were done in offline mode.

Online examinations were of MCQ and Descriptive types. The photocopy concept was not applicable to these online examinations as per the guidelines of the university of Mumbai.

Faculty members having the approval of the subject assessed the answer sheets available on Google Drive and Mark sheets were prepared for the same. Result approval was carried out online by the University of Mumbai.

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

2.6 - Student Performance and Learning Outcomes

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

It has two types of assessment methods direct method and indirect method

The direct method consists of Assignments, Laboratory Experiments, Unit Test-1and 2, Multiple Choice Questions, Projects, and End Semester Examination Results

The syllabus of every course is divided into modules and a CO is defined for each module. In the case of only Laboratory subjects, CO is defined. These COs are mapped for the attainment of POs. The institute has prepared an automated excel template that accepts assessment details/results of the above-mentioned tools. All experiments, assignments, and unit tests map to CO. The CO of all courses is combined at the department level to give PO, and PSO attainment.

The indirect method consists of the following tools

1. Course Exit Survey – A course Exit survey is taken by every teacher for the subjects taught. The focus is on CO attainment through various activities conducted by the teacher for the subject.

2. Program Exit Survey – Taken at the department level by HOD at the end of the 8th semester of the Engineering Program, focused on Program Outcomes and their attainment. Course coordinators are informed about POs attainment when the process is complete for the given academic year.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	NIL
Upload COs for all courses (exemplars from Glossary)	View File

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

Attainment:- Direct & indirect assessment methods are used to evaluate the attainment levels of COs for each course. Attainment levels are defined as levels 1,2,3

Attainment levels 1- 40% students scoring more than class average marks in the final, course exit analysis and internal examination

for University Examination, Course Exit Survey and Internal Assessment

Attainment levels 2- 50% students scoring more than class average marks in the final, course exit analysis, and internal examination

for University Examination, Course Exit Surveys, and Internal Assessments

Attainment levels 3- 60% students scoring more than class average marks in the final, course exit analysis and internal examination for University Examination, Course Exit Survey, and Internal Assessment

Each CO attainment is calculated through Direct Method and Indirect Method. Also, University examination results are taken into account. Overall attainment for PO is calculated by using the following points.

1. Program Outcome
2. University Examination
3. Internal Assessment
4. Target Level
5. Attainment through University Examination X1
6. Attainment through Internal Assessment X2
7. Overall attainment ($0.8X1+0.2X2$)

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

2.6.3 - Pass percentage of Students during the year

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

184

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	NIL

2.7 - Student Satisfaction Survey

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

<https://www.sspmcoe.ac.in/NAAC/criteria-2/2021-22/2.7.1/2.7.1.xls>
[X](#)

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0.26500

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

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

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

2

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

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

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

41

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

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

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

0.53

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

2

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

3.3 - Extension Activities

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

In our institute (SSPM'S College of Engineering, Kankvali), a number of extension activities are organized to sensitize the students towards community needs. The college runs effectively National Service Scheme Unit. Through this unit, the college undertakes various extension activities in the neighbourhood community. NSS organizes several activities. These activities are carried out by NSS volunteers addressing social issues which include cleanliness, tree plantation, water conservation through Shramdan, Social interaction, Group discussion, literacy awareness, Environmental awareness, Women empowerment, National Integrity, Aids awareness, Blood donation camp, Covid-19 awareness Computer literacy, etc. Extension activities are carried out through the UHV cell by organizing webinars such as Relevance of UHV-Trust, Respect, etc, and also the Role of universal human values in his carrier and in his education. MHT-CET crash courses in PCM are conducted by our college faculty, conducted practice Tests, Mock Tests _ Lakshyvedh as per MHT-CET format For 12th Sci. Students. SIP was organized for FE Students. Guidance lectures such as Cloud Computing, MBA as a carrier Option, etc, and

Yoga sessions were conducted online. The students of our college actively participate in social service activities leading to their holistic development.

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

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

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

5

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

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

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

50

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

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

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

3141

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

3.4 - Collaboration

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

206

File Description	Documents
e-copies of linkage related Document	No File Uploaded
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

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

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

9

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institute has a beautiful campus with Lush Green Landscape.

The institute has excellent infrastructure facilities such as ICT-enabled classrooms, well-equipped laboratories, Workshop, Central Library, an Incubation center, a Research lab, Spacious Multipurpose Hall, Seminar Hall, Administrative Offices, Canteen, and Hostels, Gymnasium and Swimming Pool, etc.

To create a conducive teaching-learning environment, the institute provides adequate facilities for academics.

The management is devoted to the development and continuous improvement of infrastructure facilities that boost the teaching-learning process.

All departmental Laboratories are well-equipped and furnished.

Each department has a Departmental Library which helps students and faculty during practical sessions.

Each department has Tutorial Rooms which are used to conduct tutorials and remedial classes.

Access to NPTEL video lectures and e-journals is made available

on the entire campus.

The institute has separate Boys and Girls hostel with an excellent Food facility and 24-hour uninterrupted power supply and the Internet.

Both Hostels have TV rooms and recreational facilities like Swimming Pool and Gymnasium.

In case of emergencies an Ambulance and Doctor facility is available on the campus.

The institute has Fire Extinguishers on campus and emergency exits for calamities like fire and earthquake.

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

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

The institute promotes cultural activities, and technical activities, and sports offer the opportunity for an individual to enhance abilities like willpower, expressions, physical and mental development, courage, and social interaction.

Sports

The institute organizes annual sports and provides facilities for major games. Sports materials are provided to the students. A playground of 11500 sq. m. area is available on the institute campus.

Games

Indoor and outdoor games are conducted as Table-tennis, Badminton, Carom, ChessFootball, Volleyball, Cricket, Athletics, Kho-kho, and Kabaddi

The Institute provides traveling allowance, boarding allowance, and technical support to students who participate in Inter-university, State level, and National level cultural, Technical,

and sports events.

Cultural Activities

The institute has Multipurpose Hall with a seating capacity of 800+ nos. it has equipped with an LCD projector, screen, well-furnished interior, good sound system, etc. Also, an open theatre with a seating capacity of more than 2000 audience.

The institute arranges a national-level technical festival 'VIRTUOSIC' every year to foster technical and managerial talents in students and an annual function 'UTTUNG' every year to provide a platform for the students to encourage their hidden talents.

Gymnasium

A swimming pool and well-equipped gymnasium are provided on the campus with an instructor.

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

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

14

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

14

File Description	Documents
Upload any additional information	View File
Paste link for additional information	NIL
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

in Lakhs)

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

131.3956

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Earlier central library utilized TCS software but due to the pandemic situation and seeing the cost of it, we are shifting to open-source software or another software.

Open access facility available for all students and staff for issues/returns books.

The reading room is well furnished to accommodate 80+ students at a time and provides a conducive environment for study.

A visitor's book is maintained separately for students and faculty members.

In all 475 Springer e-journals are available and can be accessed on campus.

Apart from these, the accompanying facilities are made accessible in the library:

Internet and Wi-Fi Facility

Book bank facility for SC/ST students offers a whole set of all books required of them every semester.

The books are made available for Divyang understudies at any place on the campus.

All university question papers are available in the library.

NPTEL video lectures are available in the library.

Membership of the National Digital Library of India (NDLI)

Formation of SSPM's college of Engineering NDLI Club

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

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

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

3.59489

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

5

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

The IT-related framework is ideally moved up to improve ICT based teaching-learning process to keep pace with ongoing advancements in the engineering field. every year to provide a platform for the students to display hidden talents, team spirit, leadership qualities, and organizing ability among students.

Each department has ICT-equipped classrooms and a shared seminar hall.

A student-Computer ratio of 1:1 is maintained during practical hours.

For fulfilling the requirement of simulation-based experimental work, MATLAB software has been purchased.

The institute has secured a hard disk of NPTEL video lectures for the e-learning of students and faculty

All laboratories and computing facilities are connected to the intranet.

Wi-Fi connectivity is provided in the library and canteen since 2018-19.

For security purposes, all PCs in the institute are protected by antivirus.

For the safety and security of the students and faculties, CCTV cameras are installed at different locations in the administrative office and academic areas.

For the online teaching-learning process, a zoom subscription has been purchased and registered for google suite in 2020-21.

For the online teaching-learning process, Pentab has been purchased in 2020-21.

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

4.3.2 - Number of Computers

250

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

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

4.4 - Maintenance of Campus Infrastructure

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

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

131.3956

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

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

For the long service life of infrastructure, lab equipment, and other resources maintenance policy is prepared.

Maintenance is done through repair, partial replacement, or total replacement.

Infrastructure Maintenance Schedule

Item Name

Frequency

Type of maintenance

Campus cleaning

Daily

Preventive

Pest control

After every 4 months

or as per need.

Water tank cleaning

Fire hydrant system and cylinder

Grass cutting machine

After every 6 months

or as per need

Generator

Invertor batteries

Terrace cleaning

Air conditioner Units(through

AMC's)

Water coolers

Painting

Yearly

Solar system

Classroom & Laboratory

Daily

Library

House keeping

Electrical appliances

(Tubes Fans)

As per need

Breakdown

Street light

Plumbing work

EPABX system

Carpentry work

IT Infrastructure related Maintenance

Item Name

Frequency

Type of maintenance

Wi-Fi modules

After every 2 months

or as per need

Preventive

LCD projectors

After every 4 months

or as per need

CCTV cameras

LAN cables and ports

As per need

Breakdown

All computers and networking facilities in the institute are under the observation of the Computer Department.

Full-time supporting staff takes care of maintenance activities under the guidance of maintenance in charge.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

427

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

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

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

176

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

A. All of the above

File Description	Documents
Link to institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

329

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

329

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

56

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

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

0

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

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

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

government examinations) during the year

0

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

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

3

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

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The institute has an active Student Council which includes boys and girls. The Student Council is a platform for the students to voice their opinions and views related to academic, co-curricular, and extra-curricular activities. The institute has a Student Council, Students Chapters, and Student Associations. The Institute also promotes the participation of students in academic and administrative bodies. In the month of January every year, the members of the student council body elect the Student Secretary. The class representatives of the final year are eligible for contesting the post of Students Secretary. The

Student Secretary represents the college in university meetings related to sports, cultural activities, and other programs organized by Mumbai University. Every year meetings are held between student Council members, where various matters related to Studies, Sports, Cultural activities, participation in various inter-collegiate programs, grievances of students, and matters related to administrative work are discussed. Student council organizes fresher's welcome and farewell functions respectively for fresher students as well as final-year students. The active participation of students in the planning and execution of different activities conducted through all the above-mentioned associations, cells, and committees enhances their confidence, leadership qualities, and managerial as well as interpersonal skills.

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

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

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

7

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

5.4 - Alumni Engagement

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

Sindhudurg Shikshan Prasarak Mandal's College of Engineering (SSPMCOE) alumni association has been registered with the office of the Charity Commissioner, Sindhudurg with Reg.no. Maharashtra / 3120 /sindhudurg was established in the academic year 2009-10 under the Societies Registration Act, of 1860. The Alumni Association committee consists of representatives of students and faculty from each department. The Alumni association communicates with the alumni through email or social media. Mr. Ajit P. Gosavi is the president of the Alumni association.

Our alumni involve in conducting seminars for college students and share their industry experience. Whenever possible Alumni visited the institute and guide the students. The alumni have their representation in IQAC and College Development Cell (CDC).

Alumni always help in the development of the Institute through Alumni meetings, Guest Lectures, Career Guidance, etc.

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

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

E. <1Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision: To provide technical education to the needy students, in the field of Engineering for gainful employment and self-employment to improve standard of living of their respective families. To develop Global Competency among youth of Konkan Region by providing quality education continuously.

Mission: To deliver fundamental engineering knowledge to students. To develop professional competence for better career opportunities. To provide overall personal and social development with research mind for the benefit of society.

Institute offers total six-degree courses 1. Computer Engineering 2. Electrical Engineering 3. Mechanical Engineering 4. CSE (AI & ML) 5. Mehatronics and 6. Electronics and Telecommunication Engineering . Vision and Mission mapping is done through PO's and CO's through each subject contributing individual CO and PO through PEOs.

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

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

The institute promotes a culture of participative management by involving staff and students in various activities.

1. Strategic Level: The Principal and staff members are involved in defining the policies/procedures, framing guidelines and rules/regulations pertaining to admission, placement, discipline, grievance, counseling, training & development, library services, etc.

2. Functional Level: At the functional level the faculty members participate in sharing knowledge by discussing the latest trends/technology during faculty meetings. Staff members are involved in the preparation of the annual budget of the institute.

3. Operational level: The Principal of the institution is responsible for the academic, nonacademic, and administrative activities of the institution. All the staff members actively participate in implementing the policies, procedures, and framework designed by the management in order to maintain and achieve quality standards.

Decentralized governance system.

1. Principal Level: The Governing Body delegates all the academic and operational decisions based on policy to the Central Development Committee (CDC) headed by the Principal in order to fulfill the vision and mission of the institute.

2. Faculty Level: Faculty members are given representation in various committees/cells and are allowed to conduct various programs to showcase their abilities.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institute promotes a culture of participative management by involving staff and students in various activities.

1. Strategic Level: The Principal and staff members are involved in defining the policies/procedures, framing guidelines and rules/regulations pertaining to admission, placement, discipline, grievance, counseling, training & development, library services, etc.

2. Functional Level: At the functional level, the faculty members participate in sharing knowledge by discussing the latest trends/technology during faculty meetings. Staff members are involved in the preparation of the annual budget of the institute.

3. Operational level: The Principal of the institution is responsible for the academic, nonacademic, and administrative activities of the institution. All the staff members actively participate in implementing the policies, procedures, and framework designed by the management in order to maintain and achieve quality standards.

Decentralized governance system.

1. Principal Level: The Governing Body delegates all the academic and operational decisions based on policy to the Central Development Committee (CDC) headed by the Principal in order to

fulfill the vision and mission of the institute.

2. Faculty Level: Faculty members are given representation in various committees/cells and are allowed to conduct various programs to showcase their abilities.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	NIL
Upload any additional information	No File Uploaded

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

Organizational Structure: For the smooth functioning of administrative and academic processes, Sindhudurg Shikshan Prasarak Mandal's College of Engineering has a well-established organizational structure.

The constituents of the organization structure are as follows: the Principal, Heads of the Departments, sectional heads and coordinators of various committees have adequate participation in making decisions.

1. Governing body
2. College Development Committee
3. IQAC
4. Principal
5. Registrar
5. HODs
6. Librarian
7. Training and Placement Officer
8. Office Superintendent

9. Hostel Rector

Governing Body:-

Service rules, procedures, recruitment, and promotional policies:
The rules and policies regarding recruitment and promotion are as per AICTE and Mumbai University norms.

Recruitment Procedure: The approval for the sanctioned posts is first taken from the university. Approval from the university is then taken for publishing the advertisement to invite applications. The advertisement is published in local and national newspapers. A selection committee duly appointed by the university conducts the interviews. The eligible and selected candidate names are recommended to the University for Approval. The appointment is done after the due approval from the university.

The mechanism and composition of the grievance redressal system:
The institute has a grievance redressal mechanism and system in place. Decentralized functioning is quite effectively practiced.

File Description	Documents
Paste link for additional information	NIL
Link to Organogram of the Institution webpage	NIL
Upload any additional information	View File

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

C. Any 2 of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user interfaces	No File Uploaded
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Provident Fund The institution has the following welfare measures for teaching and non-teaching staff. Provident Fund - 100% of employees including contract security staff are covered under Employee Provident Fund Scheme. Regular contribution of Employer and Employees is transferred to PF A/c through online mode at every month's end. Gurukul Scheme with Bank of India All Teaching and NonTeaching staff of schools/colleges/universities and all such educational institutes are eligible to open an account under the scheme provided a minimum of 10 employees and each employee has a minimum take home salary of Rs. 5000/- p.m. and above can join the scheme. Institute. Institute in collaboration with Bank gives 50% concession in processing charges on Home Loan, Auto loans & Personal Loan. Bank provides 0.25% concession in ROI on Home Loan and Auto Loan subject to min Base rate. Maternity Leave The institute provides full-pay maternity leave to all female employees for their first two children. Financial Assistance inclusive of Travelling Reimbursement, Registration Fees of Rs. 10,000/- per faculty per financial year is provided for Paper Publication/ Research/Seminars/Workshops.

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

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

6.3.2.1 - Number of teachers provided with financial support to attend

conferences/workshops and towards membership fee of professional bodies during the year

2

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

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

Nil

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)	No File Uploaded

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

101

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

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

The institute has a Performance-based appraisal system conducted as follows: The process of appraisal is annually carried out where all HODs collect self-appraisal reports from all the faculty. These reports are then closely checked by the respective HOD and a confidential report is generated. This confidential report is sent to the Principal. Self Appraisal given by each Faculty consists of the details of work, contribution, and achievements in the concerned academic year. For Teaching Staff: The performance Based Appraisal System of the University of Mumbai is followed. Category I: Teaching learning and evaluation-related activities. (API Score 125) Student feedback Result analysis Course file Use of innovative teaching-learning methodologies Practical/oral Examination Related Work Category II: Cocurricular, Extension, and Professional Development Related Activities. (API Score 50) NSS/NCC Extension Activity Academic and Administrative Responsibilities. STTP Category III: Research and Publication. (API Score 75) Seminar Conference Journal Research Work

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

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling

audit objections within a maximum of 200 words

The institute has its internal and external audit procedures for the accounts department. We have our own internal audit procedure where internal audit is an ongoing quarterly process in addition to the external auditors verifying and certifying the entire Receipt and Payment, Income and Expenditure, and Balance Sheet of the Institute each year. Qualified Internal Auditors from external resources are permanently appointed to do a thorough check and verification of all vouchers of the transactions that are carried out in each financial year. Likewise, an external audit is also carried out in an elaborate way on yearly basis. The institutional accounts are audited regularly by both Internal and statutory audits. So far there have been no major objections from internal/external Auditors. Minor errors of omissions and commissions when pointed out by the Auditors are immediately corrected/rectified and precautionary steps are taken to avoid the recurrence of such errors in the future. The institute regularly follows Internal & external financial audit mechanisms.

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

NIL

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

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

Sidhudurg Shikshan Prasarak Mandal's College of Engineering is a self-financed Institution. Funds are generated by fees from students and advance from the trust if required. The FRA decides and approves institutes fee structure every year.

The principal prepares the Institutional budget every year with the help of the Heads of the Departments, coordinators of various cells like Training and placement, Research, and development. Daily expenses and urgent requirements up to Rs. 1 lakh are sanctioned by the Registrar and Principal. Major financial transactions are verified and sanctioned by the CDC and Director of Trust as per the Budget heads of every year. After getting final approval to the Budget, the Purchase committee calls quotations and prepares comparatives. The comparative statement is verified with the quotations by the Scrutiny officer of trust. Accordingly, negotiations are done by the Principal and the purchase order is placed in standard format. Payments are released as per the terms and conditions finalized at the time of negotiations and purchase order and after verification of specification and working condition of material/equipment by respective faculty members. Payment vouchers are prepared and cash/cheque is drawn after getting all required documents with budget stamp and signature of higher authorities

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

6.5 - Internal Quality Assurance System

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

The Institute's IQAC is functional and contributes to the quality culture on the campus. The IQAC undertakes quality sustenance and quality enhancement measures. The college has a well-established IQAC which is instrumental as a part of all developmental decisions of the college including infrastructural and academic development. The IQAC frames a schedule of meetings at the beginning of the session with different departments to assess their progress on monthly basis. In the scheduled meetings the departments are accessed for their academic progress, attendance records, the quantum of syllabi completed, tutorials,

assignments, student presentations, etc. The departments are also assessed for their infrastructural needs. Academic audit: An Academic Audit Framework (AAF) has been designed by the institute. The institute has decided to perform an Academic Audit of every department in each year. But because of Covid 19 pandemic, it was not done in the year 2021.

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

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

The institute follows Outcome-Based Education. The OBE implementation starts with the attainment of twelve (12) Program Outcomes (PO) and Program Specific Outcomes (PSO) for all the departments.

A. The direct method: 1. Assignments 2. Laboratory Experiments 3. Unit Test-1 & 2 4. Multiple Choice Questions 5. Projects 6. End Semester Examination Results. The syllabus of every course is divided into modules and a CO is defined for each module. In the case of only Laboratory subjects, CO is defined. These COs are mapped for the attainment of POs. The institute has prepared an automated excel template that accepts assessment details/results of the above-mentioned tools. All experiments, assignments, and unit tests map to CO

B. The indirect method: 1. Course Exit Survey – A course Exit survey is taken by every teacher for the subjects taught. The focus is on CO attainment through various activities conducted by the teacher for the subject. 2. Program Exit Survey – Taken at the department level by HOD at the end of the eighth semester of the Engineering Program, focused on Program Outcomes and their attainment. The institute takes cognizance of the attainment levels and issues guidelines for sustaining or improving performance.

File Description	Documents
Paste link for additional information	NIL
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)	C. Any 2 of the above
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File Description	Documents
Paste web link of Annual reports of Institution	NIL
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

- 1. Institute has organized a program on "Nutrition and Diet".**
- 2. Principal, Registrar, and 2 staff members stay on campus 24x7.**
- 3. Institute has its own 24x7 security on campus. CCTV's installed in the campus as well as classrooms and laboratories.**
- 4. Total campus is under CCTV surveillance.**
- 5. Institute has a separate Hostel for Girls and Boys with**

amenities like generator supply, Internet and medical, etc.

6. Institute provides a pick-up and drop facility for outstation students to a particular location.

7. Institute has an ambulance facility in case of any emergency.

8. Anti-Ragging committee functions actively in the Institute to handle carefully the issue of ragging.

9. Institute has arranged various counseling programs through the Women Development cell.

10. Internal complaint committee works to redress issues of Ladies' staff and Girls' students.

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	https://www.sspmcoe.ac.in/NAAC/criteria-7/2021-2022/7.1.1/7.1.1PROOF.pdf

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

C. Any 2 of the above

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

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

Solid waste management: Solid waste produced on the campus such as tree leaves and other waste is used for the preparation of

compost. Institute is keen to generate less wastage in terms of food from the canteen provided to feeding animals.

Liquid waste management: Institute has an underground drainage system. Wastewater from the cooler outlet and overflow is utilized for green practices such as plantation. Institute does not generate any chemical waste. Chemicals used in the Chemistry laboratory are of very low concentration.

E-waste management: Electronic waste such as UPS old batteries is sent for recycling through a buy-back policy. Also, monitors of old computers are sent for recycling through a buy-back policy, and new power-efficient LCD/LED monitors are purchased.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	www.sspmcoe.ac.in/NAAC/criteria-7/2021-2022/7.1.3/waste managment images.zip
Any other relevant information	No File Uploaded

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

- 3. Pedestrian Friendly pathways**
- 4. Ban on use of Plastic**
- 5. landscaping with trees and plants**

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

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

C. Any 2 of the above

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

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 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	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

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

The NSS Unit of the College has conducted the following activities to maintain harmony towards cultural, regional, linguistic, communal socioeconomic, and other diversities

Webinar on Blind Faith about Snake

Webinar on Exploring Arts

Cleaning of Vridhashram

Covid awareness

Notebook distribution

Teacher's Day celebration

Temple Cleaning

Yoga session

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

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

The Universal Human Values committee of the College and NSS Unit is taking a lot of initiatives for the transformation of students into responsible citizens. Institute is also eager to provide value-based education to inculcate values, and ethics among the students so that when they pass out from the institute they will be one of the best Indian citizens.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

C. Any 2 of the above

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

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

Institute celebrates/organizes national and international commemorative days, events, and festivals under NSS Unit such as

Gandhi Jayanti & Lal Bahadur Shastri Jayanti

Savitribai Phule Jayanti

Savitribai Phule Punyatithi

Bhartiya Sanvidhan Diwas

Swami Vivekanand and Rajmata Jijau Jayanti

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Practice 1: Student Development Program (SDP)

Students admitted to our institute are mostly from rural areas with varied backgrounds lacking industry-oriented skills. The curriculum is not entirely based on the requirement and expectations of the industry for employment. The industry needs a ready workforce to be competent enough to start contributing from day one and at the same time many industries do not have policies for Internships. Due to all these facts, the institute focuses on arranging various industry-oriented skill development programs for the students.

Institute is mainly focusing more on various skill development courses for students. Institute encourages students for Spoken Tutorial Certification and NPTEL Certification. Institute is also arranging workshops, training, and seminars from various industry experts.

Practice 2: Use of ICT for the Teaching-Learning process and creation of Video lectures and e-content database

Institute started e-content development and database creation to create a conducive teaching-learning environment. All teaching and non-teaching staff started using all G-suite facilities such as google classroom, google meet for lecture and practical recording, and various google facilities.

Institute has started e-content development by using g-suite facilities for academic management tools. Most of the staff members started their YouTube channel and they are getting a good response.

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

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The institute is established by a great visionary Hon. Shri. Narayanraoji Rane sahib in 1999 to provide engineering education to needy students and change the economic scenario of the Konkan region. Institute is located 3 Km away from Kankavli city on 30.5 acres of eco-friendly campus which helps to enhance the teaching-learning environment. Institute has excellent Infrastructure, and well-equipped laboratories to meet and cope up with changing scenarios in education and industry. The institute has a moderate fee and always supports needy students. Besides this, we encourage the students by providing various scholarships and awards such as Nilesh Nitesh award to FE, SE, TE, BE, and best outgoing students.

The institute strictly follows updated rules and regulations for the admission process. Institute organizes various technical events such as Virtuosic, Evolution, etc. These events provide a platform to present innovative ideas and engineering aspects to the maximum number of students. It includes project exhibitions, research paper presentations, workshops from industries, and Seminars by experts to fill up educational and industry gaps. Institute is focusing on placement activities and also organizes society-beneficial programs. Institute has an IIT remote center

for conducting lectures and workshops from various organizations.

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

7.3.2 - Plan of action for the next academic year

Institute is planning to increase research and development activities.

Each department is planning to arrange at least one student development activity per month.

Institute is planning to conduct more no. of placement activities to increase the no. of placements per year.

Institute has the plan to conduct soft skill development activities to increase placements.

All faculties should publish one paper in national and international journals per semester.

Institute has a plan to conduct various certification courses such as Pearson certification as well interested to have examination centre.