



YEARLY STATUS REPORT - 2020-2021

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	Mr. Raosaheb Dadu Thombare				
• Phone No.	02367299214				
• Alternate phone No.	9763072417				
• Mobile	9763072417				
• IQAC e-mail address	rdthombare@sspmcoe.ac.in				
• 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:	www.sspmcOE.ac.in/NAAC?PART-A/20-21/AC2021.pdf				
5. Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.73	2019	08/01/2019	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	00	
8. Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			No File Uploaded		

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?	Yes	
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)		
To motivate the students for engineering admission, given fee concessions in the form of scholarships.		
Restarted the NSS unit and conducted the social program under this head.		
Started certification courses in college		
Adopted online platform for teaching and examination		
Organize the online webinars department wise		
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	
Adapting online platform for teaching and examination	All the classes of FE to BE were conducted online and conducted the corresponding examination successfully.	
To motivate Students for engineering admissions, give fee concessions in the form of scholarships	Fee concessions have been given to all FE students in terms of scholarship form.	
Restart the NSS unit and conduct the social program under this head.	50 students NSS unit has started and conducted various programs under this head	

Corona awareness in college premises and outside worlds	To take preventive care from coronavirus necessary action has been taken and creates awareness outside the college premises.
To encourage 12th class students, conduct Mock Tests for practice	Online practice mock test has been conducted as 'Lakshyvedha' and encouraged to all students for final examination and honored by first three trophy
Career counseling for engineering aspirants.	Successfully arranged career counseling programs in college
Encourage Staff to attend STTP and Workshop.	Most of the staff members has been done the online STTP and workshops
Organize the online webinars department wise	Through each department organized online webinars for all students to succeed.
Start certification courses in college	Started certification courses at computer engineering department to all students
Promote the students for internship programs	Most of the students have been done online internships successfully
Focus on new arrival branches AIML and Mechatronics	AIML and Mechatronics are two new emerging courses started in our institute and got satisfactory admission to AIML course.
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
2019	20/06/2019

15.Multidisciplinary / interdisciplinary

16.Academic bank of credits (ABC):

17.Skill development:

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

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

20.Distance education/online education:

Extended Profile

1.Programme

1.1	6
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	620
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	35
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	217
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	51
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	62
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	13
Total number of Classrooms and Seminar halls	
4.2	110.76955
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

At the beginning of each semester, Principal conducts meeting with all Heads of Department (HoD), namely Computer, Electronics and Telecommunication, Electrical, Mechanical Engineering and General Engineering to prepare the semester's working plan. The institute's Academic Calendar is planned and prepared using guidelines to carry out academic activities issued by the affiliating university, namely University of Mumbai. The Calendar contains a detailed schedule of various academic activities like Internal Assessment, Technical Activities, probable End Semester Exam schedules etc. Also, each HoD conducts meeting with their concern department's faculty and allocates courses to them based on their expertise and individual preferences in order to implement the planned strategies successfully and to deliver curricula in the classrooms and labs. Faculty creates a comprehensive Course Plan and Lesson Plan based on the courses they've been assigned. The time table committee prepares time tables including the Master, Departmental, and Individual Faculty time table taking approval from HoD and the Principal. Same are published on the notice board and circulated to respective persons. Two Unit Tests are conducted in each semester to assess the student's academic performance in each course. Question papers for Unit Tests are prepared using the Bloom's taxonomy and expected course outcomes. Every faculty achieves Course Outcomes (COs), Program Outcomes (POs) and Program Specific Outcomes (PSOs) using suitable methods. The 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 time table 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 respective department and also follows the guidelines and tentative schedule provided by affiliated university regarding the conduction of various activities during the semester. By referring schedule and the guidelines each faculty create a comprehensive Course/s Plans and Lesson Plans based on the courses they've been assigned. Each faculty implements these plans strictly according to departmental time table by using various teaching methodologies such as delivering lectures in the classroom, demonstrating various engineering concepts in the labs through experiments, mini and major projects. Student's performance is reviewed on a regular basis during the semester through the Assignments, Practical and Projects outcomes. Two Unit Tests are conducted in each semester to assess a student's academic performance in each course. The timeline created allows the teachers to complete the prescribed syllabus by 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

C. Any 2 of the above

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

NIL

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)	No File Uploaded

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

0

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

0

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

1.3 - Curriculum Enrichment

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

Universal Human Value Cell and National Service Scheme strive to serve as a vital link between the current state of humanity and the visioning 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 a personal, family, societal, and environmental level.

Various activities are conducted to inculcate Human values among the students and staff.

To create awareness among the students, Institute organized various events like world Aids Day, Road safety week etc.

Every year, we celebrate the birth anniversaries of our great celebrities in order to spread the messages they set behind.

To address cross-cutting issues, a course like disaster management, Environmental management are 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 staffs regarding issues such as Gender equality, Environmental Sustainability, Human Values and Professional Ethics the Institute takes initiatives by organizing different events.

In the curriculum, Business Communication and Ethics course has been prescribed in the curriculum by 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

60

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

A. All of the above

from the following stakeholders Students
Teachers Employers Alumni

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

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

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://www.sspmcoe.ac.in/NAAC/feedback

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

300

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

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

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

35

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

2.2 - Catering to Student Diversity

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

Our institute is located at remote place and students admitted to First Year Engineering are from rural background. As per levels of learning of students institute categorize them into Slow and Advanced learners after admission on the basis of their CET scores and previous examination performance in PCM subjects. In the beginning of the semester, orientation program was conducted, which covers prerequisites of various subjects of First Year Engineering. After identifying slow learners, every concerned subject teacher pays individual attention towards these types of students during theory lectures and practical /tutorial hours. Slow learners were asked to solve problems with various difficulty levels during tutorials/practical hours. They engaged in study especially for Applied Mathematics and computer programming 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 material for Slow learners. Academic counseling is provided for these learners by the concerned faculties. and mentors too.

Advanced learners are motivated to participate in Extra and Co-curricular activities like technical paper presentation i.e. 'EVOLUTION'

.Advanced learners 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 house.

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
620	51

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

A) Experimental Learning:

The institute focuses on imparting technical knowledge which enhances critical thinking and gives scope for creative imagination among students so that they become technically competent to face real life challenges. Practical knowledge is imparted to the students by hands on laboratory experiments. Also they apply their knowledge to develop Mini Projects and Final Year Projects.

The institute has purchased various softwares 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 softwares like LATEX, PYTHON, SCILAB, XAMP, UBUNTU Operating System etc. These softwares are considered as rich resources for the students for experimental learning.

B) 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 festival 'Virtuosic' and 'Evolution'.

Students also participate in the spoken tutorial courses.

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

C) Problem Solving Methodologies:

Students are also encouraged to intern during academic semesters to provide exposure to real time problems. The faculty encourages as well as provides students with opportunities to intern with the 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 present their project and research work.

Due to pandemic situation all above activities were carried out through online mode.

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 Corona Pandemic situation ICT tools in teaching learning process got enormous exposure. Due to 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 softwares like AUTODESK INVENTOR, 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	NA

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

35

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

51

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

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

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

4

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

514

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

- **IA Head**

Frequency

Details

1. Internal Assessment

Twice in semester

Test 1 (on 40% syllabus)

Test 2 (on next 40% syllabus)

Term work

Experiment

Weekly

Every next week

Assignments

Regularly

Mentioned date

Mini Projects

During Semester

Group of 3 or 4 students

Main Projects

During Final Year

Group of 3 or 4 students

The time table of internal assessment is sent to the students.

- Papers are set based on syllabus coverage and achievement of Cos.
- The online exams are conducted as per guidelines prescribed by the university. They are monitored by invigilators with the help of online means who maintain the code and conduct of an examination hall.
- Once the examinations are conducted, the evaluation is done as per guidelines and scheme of evaluation.
- Once the evaluation is done, result is conveyed to the students by the teachers. The faculty discusses the question paper and their subsequent correct answers. This helps the student understand their mistakes. Suggestions are given to the students who need to improve and the ones who performed well are appreciated. Therefore, the process of continuous internal assessment is carried out with complete transparency.

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 separate examination section to deal with grievances related to end semester examinations, oral/practical examinations and internal assessment etc.

For A.Y. 2020-21, due to Corona Pandemic Situation, all examination related activities such as filling of examination forms, paying examination fees, conveying timetable and deadlines of all activities, etc. were completed in online mode only. Google forms were prepared for all the activities and data was collected online through these Google forms only. All examination including oral/practical examinations, end semester theory examinations, Internal assessments were conducted in online mode. Standard SOP was issued by the University of Mumbai and using same institute conducted the examinations.

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

Faculty member having 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.

- The institute follows Outcome-Based Education (OBE). The OBE implementation starts with the attainment of twelve (12)**

Program Outcomes (PO) and Program Specific Outcomes (PSO) for all the departments. The attainment starts with Course Outcome (CO) and then are mapped to POs.

- **It has two types of assessment methods- a) direct method and b) indirect method.**

A. The direct method consists of the following tools

- 1. Assignments**
- 2. Laboratory Experiments**
- 3. Unit Test-1 & 2**
- 4. Multiple Choice Questions**
- 5. Projects**
- 6. End Semester Examination Results**

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

B. The indirect method consists of the following tools

- 1. Course Exit Survey – Course Exit survey is taken by every teacher for the subjects taught. The focus is on CO attainment by various activities conducted by the teacher for the subject.**
- 2. Program Exit Survey – Taken at department level by HOD at the end of eighth semester of the Engineering Program, focused on Program Outcomes and its attainment. Course coordinators are informed about POs attainment when the process is complete for the given academic year. The institute takes the cognizance of the attainment levels and issues the guidelines for sustaining or improving the performance.**

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 levels of COs for each course.

Attainment levels are defined as level 1,2,3

For program outcomes (PO's)

CO Attainment Method

Attainment Level

1

2

3

University Examination

40% student scoring more than class average marks in the final examination

50% student scoring more than class average marks in the final examination

60% student scoring more than class average marks in the final examination

Internal Assessment

40% student scoring more than class average marks in the Internal Assessment

50% student scoring more than class average marks in the Internal Assessment

60% student scoring more than class average marks in the Internal Assessment

Course Exit Survey

40% weightage average in course exit analysis

50% weightage average in course exit analysis

60% weightage average in course exit analysis

Attainment of Course Outcomes :

Course Outcome

Direct Method

Indirect Method

UT1

UT2

Assignment

Experiment

MCQ

Avg

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 following table and format :

Program Outcome

University Examination

Internal Assessment

Target Level

Attainment through University Examination X1

Attainment through Internal Assessment X2

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

217

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	http://www.sspmcoe.ac.in/NAAC/criteria-2/2.6.3/ar21.pdf

2.7 - Student Satisfaction Survey

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

<http://sspmcoe.ac.in/NAAC/criteria-2/2.7.1/2.7.1.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

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)	No File Uploaded

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

0

File Description	Documents
List of research projects and funding details (Data Template)	No File Uploaded
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

7

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

3.2 - 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

26

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

01

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

3.3 - Extension Activities

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

The Sindhudurg Shikshan Prasarak Mandal's College of Engineering, Kankavali organizes a number of extension activities to promote the institute neighbourhood community to sensitize the students towards community needs. The students of our college actively participate in social service activities leading to their overall development. 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 Eradication of superstition, literacy awareness, Environmental awareness, Women empowerment, National Integrity, Aids awareness, Blood donation camp, Covid-19 awareness etc. The NSS unit celebrates birth anniversaries and remembers death anniversaries of

various eminent personalities who had worked in social activities, research organizations, freedom movement, etc. Other than NSS unit, the various departments of the college are conscious about its responsibilities for shaping students into responsible citizens of the country by making students aware of social issues through various programs like environmental Awareness, etc. All these mentioned activities have a positive impact on the students, and they developed student community relationships, leadership skills, and self-confidence of students. It also helped in cultivating the hidden personalities of students and creating awareness among students.

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

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

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	No File Uploaded
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

42

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

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

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

50

File Description	Documents
Report of the event	View File
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

07

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

04

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 beautiful campus with Lush Green Landscape.
- The institute has excellent infrastructure facilities such as ICT enabled classrooms, well equipped laboratories, Workshop, Central Library, Incubation centre, Research lab, Spacious Multipurpose Hall, Seminar Hall, Administrative Offices, Canteen and Hostels, Gymnasium and Swimming Pool etc.
- To create conducive teaching-learning environment, the institute provides adequate facilities for academics.
- The management is devoted towards development and continuous improvement of infrastructure facilities which 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 in the entire campus.
- The institute has separate Boys and Girls hostel with excellent Food facility and 24 hours uninterrupted power supply and 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 in campus.
- The institute has Fire Extinguishers in the campus and has emergency exits for calamities like fire and earthquake.

- Due to Covid Pandemic situation all teaching learning and examination process are carried out via online mode in 2020-21 as per university guidelines.

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, technical activities, outdoor & indoor sports and offers the opportunity to an individual to enhance abilities like will power, expressions, physical and mental development, courage and social interaction.

Sports

- The institute organizes annual sports and provides facilities for both indoor and outdoor games. Sports kits and materials are provided to the students.
- A separate playground of 11500 sq. m. area is provided in institute campus which is used for various purposes like in-house as well as inter collegiate sport events.

Indoor Games

- A separate indoor games facility for Table-tennis, Badminton, Carom and Chess is available & used by the students.

Outdoor Games

- The outdoor games such as Football, Volley ball, Cricket, Athletics, Kho-kho, Kabaddi are held on college ground for physical and mental development of students.
- The Institute provides travelling 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. Multipurpose hall is equipped with LCD projector, LCD screen, well-furnished interior, good sound system etc.
- For cultural programs an open theatre with seating capacity of more than 2000 audience is available.
- The institute arranges a national level technical festival 'VIRTUOSIC' every year to foster technical and managerial talents in students.
- Institute has hoisted Mumbai university
- Institute organizes annual function 'KHITIJ' / 'UTTUNG' every year to provide platform to the students to display hidden talents, team spirit, leadership qualities and organizing ability among students.

Gymnasium

- A swimming pool and well-equipped gymnasium is provided in 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.

13

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

13

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)

110.76955

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

4.2 - Library as a Learning Resource

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

- The reading room is well furnished to accommodate 80+ students at a time and provides conducive environment for study.
- A visitor's book is maintained separately for students and faculty members.
- In all 477 Springer e-journals are available and can be accessed in the campus.

Apart 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 to them in every semester
- The books are made available for Divyang understudies at any place in campus.
- All university question papers are available in library.
- NPTEL video lectures are available in library.
- Membership of National Digital Library (NDL)
- Membership of National Digital Library 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

B. Any 3 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)

5.39807

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

8

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

- IT related framework is ideally moved up to improve ICT based teaching learning process to keep pace with ongoing advancements in engineering field.
- Each department has ICT equipped classrooms and a shared seminar hall.
- Student-Computer ratio of 1:1 is maintained during practical hours.
- For fulfilling the requirement of simulation based experimental work, MATLAB software has purchased.
- The institute has secured hard disk of NPTEL video lectures for e-learning of students and faculty
- All laboratories and computing facilities are connected to intranet.
- Wi-Fi connectivity is provided in library and canteen since 2018-19.
- For security purpose all PCs in the institute are protected by the antivirus.
- For safety and security of the students and faculties, CCTV cameras are installed at different locations in administrative office and academic areas.
- For online teaching learning process, zoom subscription has been purchased and registered for google suite in 2020-21.
- For 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)

110.76955

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 long service life of infrastructure, lab equipment and other resources maintenance policy is prepared.**
- **Maintenance is done through repair, partial replacement or total replacement.**

1. 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

Carpentry work

1. 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.

The maintenance under both categories is carried out using two different methods:

1. Preventive and Routine Maintenance Procedures:

- A timely routine maintenance is carried out for the newly installed as well as old machines/ equipments and the system-related infrastructure, in order to prevent high expenses on breakdown maintenance and features.
- The Head of the concerned department prepares a plan for preventive and routine maintenance on a biannual basis.

1. Breakdown Maintenance Procedures

- Faculty /staff place a service request related to maintenance and the Head of the concerned department verifies it.
- The service request generated by concerned faculty/staff is registered through the requirement/maintenance form.
- The service request is registered by Maintenance Department in the register maintained and HOD of the concerned department verifies it.
- The maintenance staffs attend to the service request on a priority basis. The Head of the concerned department takes a final decision in this regards.
- If the problem is resolved, the requirement/maintenance form, duly signed by the concerned Head, will be attached to the file of the service requests and the maintenance register will be updated for future reference. If the service request is not resolved due to a requirement of a material, a remark will be given, and after purchasing the material, the service request will be resolved.

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

502

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students 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

89

File Description	Documents
Upload any additional information	View File
Number of students benefitted 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	C. 2 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	
155	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
155	
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

51

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

1

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

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

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

examinations) during the year

1

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

5.3 - Student Participation and Activities

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

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

1

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

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)

Institute has a Students Council, it really is constituted with the students of all years of the college. The Chairperson is Principal and 2 co-ordinate with the scholars. The participants of the Council take part in covid-19 campaign and formal conferences referred to as for formulating techniques for the general curricular, co-curricular and extra-curricular improvement of the scholars. Institute has installation NSS to sensitize college students toward societal problems and network services, sports of that's specifically accomplished via way of means of the scholars. Council members involve in various events like plantation, cleaning

through NSS events. Alumni Association is in region to bolster the connection among alumni. College students have interaction in network carrier projects, which include planting trees, covid-19 campaign.

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

4

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 established in the academic year 2009-10 under the Societies Registration Act, 1860. Alumni Association committee consists of representatives of students and faculty from each department. Alumni association communicates with the alumni through email or social media. Mr. Ajit P. Gosavi is the president of Alumni association.

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

Alumni always helps in development of Institute through Alumni meet, 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	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

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.

Participative Management The institute promotes a culture of participative management by involving staff and students in various activities. All decisions of the institution are governed by management of facts, information and objectives. Both students and faculties are allowed to express themselves for any suggestions to improve the excellence in any aspect of the Institute.

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, and library services etc., and effectively implementing the same to ensure smooth and systematic functioning of the institute. For the various programs to be conducted by the institute staff members meet, discuss, share their opinion and plan for the event and form various committees involving students. Staff members are also involved in deciding academic activities and examinations to be conducted in institute.

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

3. Operational level The Principal of the institution is responsible for academic, nonacademic and administrative activities of the institution. On behalf of the institution, he interacts and corresponds with AICTE, Govt. of Maharashtra, UGC, Affiliating University, etc. The budget is earmarked for staff members and students to participate in various programs organized by the institute. All the staff members actively participate in implementing the policies, procedures, and framework designed by the management in order to maintain and achieve the quality standards.

Decentralization Institute has a mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards 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. CDC formulates common working procedures and entrusts the implementation with the faculty members. 2. Faculty Level : Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skills by being in charge of various academic, co-curricular, and extracurricular activities. They are given authority to conduct industrial tours and to have tie-up with industry experts and appointed as coordinator and convener for organizing seminars/workshops/conferences/FDPs. Other parts of the institute like sports, library, etc. have operational autonomy under the guidance of the various committees. 3. Administrative Level : Non-academic and Administrative activities of the institution are conducted at Administrative level. Administrative staff are responsible for the maintenance and supervision of the institution and separate from the faculty or academics, although some personnel may have joint responsibilities. They do maintenance of official records , maintenance and audit of financial flows and records etc. 4. Student Level : Students are empowered to play an active role as a coordinator of students associations, co-curricular, extracurricular activities.

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

Strategic plans are as follows:- Provision for faculty development. Faculty are attending various faculty development programs for domain knowledge and for new trends in education technology/pedagogy which make their teaching more innovative. Incentives are given to faculty for publishing, getting sponsored research projects and patents.

1. To encourage faculty for upgrading their qualification and skills. For enhancement of quality of faculty for outstanding performance, faculties are encouraged for upgrading their qualification and skills.

2. To develop excellent infrastructure facilities for healthy

atmosphere with decent discipline. Institute is planning to develop excellent infrastructure facilities for healthy atmosphere with decent discipline.

3. To provide eco-friendly campus. To make an environment eco-friendly, institute insisting staff and students to use bicycles. Few staff members are using bicycle for transportation. The use of paper should be as less as possible. To reduce the paper work, most of the activities are carried out online. Also it has been proposed that, the communication should take place through emails. Garbage should be properly collected in the garbage collector. Garbage collectors are placed at various places in a college campus and everyone is requested to put wastes in a garbage collector. Institute planning to make plastic free campus. People are not allowed to use plastic materials.

4. Implementation of e-governance in institute: Institute is developing its own software Inhouse to use the application to manage our academic activities online. In an institute all major tasks related to teaching learning, academic/administration planning, implementation and analysis of variety of tasks will be carried out by this software.

5. To initiate Research and Development (R & D) center. Institute has resolved to promote research among the faculties and students. The IQAC has put the emphasis the establishment of the common facility center for research especially for research scholars

6. Aim of initiating Research and Development (R & D) center: To promote research among students and faculties To avail sophisticated instrumentation for research To increase quality of research work To nurture research attitude among the students and faculty To increase the extent of applied research To collaborate with leading overseas institutes/universities.

7. Institute is planning to collaborate with leading overseas institutes/universities.

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 Stucture : For smooth functioning of administrative and academic processes, Sindhudurg Shikshan Prasarak Mandal's College of Engineering has well established organizational structure. Various bodies are formulated which constitutes the organization chart. The governing body is the highest decision making body constituting members of the management, Principal and nominated faculty members. College Development Committee includes representatives of members of society, Principal, members elected from teaching faculty and a member of non-teaching staff. The constituents of the organization structure are as follows: Principal, Heads of the Departments, sectional heads and co-coordinators of various committees have adequate participation in making decisions in academic and administrative processes.

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. The AICTE pay scales are implemented. Additional increments are given to staff members who excel in academics and research. Recruitment Procedure: The approval to the sanctioned posts is first taken from the university. Approval from university is then taken for publishing the advertisement to invite applications. The advertisement is published at local and national newspapers. Selection committee duly appointed by 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 grievance redressal system: The institute has a grievance redressal mechanism and system in place. Decentralized functioning being quite effectively practiced, the redressal of majority of the grievances is eventually taken care by respective department and the faculty. A few common grievances are dealt with at the level of the Vice-Principals. To take care of any major grievance a central grievances Redressal committee is constituted. To address the women's complaints, women's grievances Redressal committee is in place. The issues of hostel students are considered by an anti-ragging committee. Moreover suggestions box has been kept for the students.

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

D. Any 1 of the above

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

6.3 - Faculty Empowerment Strategies

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

Provident Fund The institution has following welfare measures for teaching and non-teaching staff. Provident Fund - 100% 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 of every month end. Gurukul Scheme with Bank of India All Teaching and Non-Teaching staff of school/colleges/universities and all such educational institutes are eligible to open account under the scheme provided a minimum 10 employees and each employee having 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 loan & 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

0

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

0

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

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

0

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 Performance based appraisal system is conducted as follows: The process of appraisal is annually carried out where all HOD's collect self-appraisal reports from all the faculty. These reports are then closely checked by respective HOD and confidential report is generated. This confidential report is sent to Principal. Self Appraisal given by each Faculty consists of the details of work, contribution and achievements in the concerned academic year. For Teaching Staff: Performance Based Appraisal System of 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: Co-curricular, 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	http://sspmcoe.ac.in/pa.pdf
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 procedure for

accounts department. We have our own internal audit procedure where internal audit is an ongoing quarterly process in addition to the external auditors to verify and certify the entire Receipt and Payment, Income and Expenditure and Balance Sheet of the Institute each year. Qualified Internal Auditors from external resources is 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 on 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 recurrence of such errors in future. The institute regularly follows Internal & external financial audit mechanism

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

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

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

0

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

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

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

and effective utilization of available funds for the development of infrastructure and academic expenses is well monitored by Trustee & Committees with the help of budgetary control as follows. Principal prepares Institutional budget every year with the help of Head of the Departments taking into consideration recurring and non recurring expenditure as per the requirements of syllabus. All the Head of Departments are requested to submit the budget for the subsequent financial year. Along with this coordinators of various cells like Training and placement, Research and development are instructed to submit their budget to Principal. All the major financial decisions are taken by the Institute's Local Managing Committee (LMC/CDC) and Governing Body. Daily expenses and urgent requirements up to Rs. 1 lakh are sanctioned by Registrar and Principal. Major financial transactions (i.e. above Rs.1 lakh) 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, Purchase committee / Head of the Department calls quotations and comparative statement is prepared by the department. Comparative statement is verified with the quotations by Scrutiny officer of Trust. Accordingly negotiations are done by Principal and 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 member. Payment vouchers are prepared and cash/cheque is drawn/ paid after getting the required documents i.e.requirement of department for material, 3 quotations & comparative statement with budget stamp and signature of higher authorities, purchase order, Invoice. The entire process of procurement of material is monitored by the purchase committee storekeeper and Principal at the Institute level and Registrar & Accounts department at the corporate office level. For maximum utilization of limited resources Institute invites minimum 3 quotations for every purchase and negotiates directly to the suppliers for lower the cost of purchase. Also most of the maintenance job is performed by our workshop and department staff to avoid outsourcing expenditure. Furniture like benches, noticeboards and other required furniture is fabricated in the institute itself. Audit is conducted by the Chartered Accountant every financial year to verify all the compliance.

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 apart 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, quantum of syllabi completed, tutorials, assignments and student's presentation, etc. The departments are also assessed for their infrastructural needs. Academic audit: An Academic Audit Framework (AAF) has designed by the institute. The institute has decided to perform Academic Audit of every department in each year. But because of Covid 19 pandemic it was not done in year 2021.

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

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

The institute follows Outcome-Based Education (OBE).

The OBE implementation starts with the attainment of twelve (12) Program Outcomes (PO) and Program Specific Outcomes (PSO) for all the departments. The attainment starts with Course Outcome (CO and then are mapped to POs. It has two types of assessment methods- a) direct method and b) indirect method. A. The direct method consists of the following tools 1. Assignments 2. Laboratory Experiments 3. Unit Test-1 & 2 4. Multiple Choice Questions 5. Projects 6. End Semester Examination Results Syllabus of every course is divided into modules and a CO is defined for each module. In case of only Laboratory subjects, CO are defined. These COs are mapped for the attainment of POs. The institute has prepared an automated excel template which accepts assessment details/results of above-mentioned tools. All experiments, assignments and unit tests map to CO. The CO

of all courses are combined at the department level to give P0, PSO attainment. B. The indirect method consists of the following tools

1. Course Exit Survey – Course Exit survey is taken by every teacher for the subjects taught. The focus is on CO attainment by various activities conducted by the teacher for the subject.
2. Program Exit Survey – Taken at department level by HOD at the end of eighth semester of the Engineering Program, focused on Program Outcomes and its attainment. Course coordinators are informed about POs attainment when the process is complete for the given academic year. The institute takes the cognizance of the attainment levels and issues the guidelines for sustaining or improving the 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)

D. Any 1 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)	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

1. Institute has organised program on Mental Health.
2. Principal, registrar and 2 staff members stay in campus 24X7.
3. Institute has its own 24X7 security in campus. CCTV's installed in campus as well as classrooms and laboratories.
4. Total campus is in CCTV surveillance.
5. Institute has separate hostel facility for girls & boys with amenities like generator supply, Internet and medical etc.
6. Institute provides pick up and drop facility for outstation students to particular location.
7. Institute has 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 women development cell.
10. Internal complaint committee works to redress issues of ladies staff and girl 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	www.sspmcoe.ac.in/NAAC/criteria-7/2020-2021/7.1.1/7.1.1PROOF.xls

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

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

2)Liquid waste management : Institute has underground drainage system. Waste water from cooler outlet and over flow is utilized for green practices such as plantation. Institute does not generate any chemical waste. Chemicals used in chemistry lab are of very low concentration.

3)E-waste management : The electronic waste such as UPS old batteries is sent for recycling through buy-back policy. Also monitors of old computers are sent for recycling through 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-7/2020-2021/7.1.3/wastemanagement.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

B. Any 3 of the above

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

7.1.5 - Green campus initiatives include

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

- 1.Restricted entry of automobiles
- 2.Use of Bicycles/ Battery powered vehicles
- 3.Pedestrian Friendly pathways
- 4.Ban on use of Plastic
- 5.landscaping with trees and plants

A. Any 4 or All of the above

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

E. None of the above

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

7.1.7 - The Institution has disabled-friendly,

A. Any 4 or all of the above

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

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).

NSS Unit of college is arranging various activities to maintain harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities such as

1. Reading inspiration day.

2. AID awareness

3. Shivjayanti utsav

4. Engineers day.

5. Cleaning Drive.

6. Vasundhara din.

7. Road Safety Week

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

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

Institute Universal Human Value & NSS Unit is taking lot of efforts to maintain and develop responsible citizens. Institute is also eager to provide value based education so as to make responsible citizens and contribute towards society.

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

A. All 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	View File
Any other relevant information	View File

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

Institution celebrates / organizes national and international commemorative days, events and festivals under NSS UNIT such as

1. Gandhi jayanti & Lal Bahadur shastri Jayanti.

2. Celebrate Yuva din on the occasion of Vivekanand jayanti.

3. Samvidhan diwas.

4. Subhash Chandra Bose 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 joining our institute are from rural areas varied background lacking industry oriented skills. The curriculum is not totally as per the expectation of the industry for employment. Industry needs ready workforce to be competent enough to

start contributing from day one and at the same time many industries do not have policy for internship. Due to all these facts institute focus on arranging various industry oriented skill development programs for students.

Institutes is mainly focusing more on various skill development courses for student. Institute encourages student for spoken tutorial certification, NPTEL Certification. Institute is also arranging workshops, training, and seminar from various industry experts.

Practice 2 : Use of ICT for teaching learning process & creation of video lecture & e-content database

Institute started e-content development and database creation to enhance student teaching learning process. All teaching and non teaching staff started using all gsuite facilities such as google classroom, google meet for lecture 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 there YouTube channel and they are getting good response for out side world. Database of 200+ recorded lectures has been developed per department and it is gradually increasing day by day.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	No File Uploaded

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 saheb in 1999 to provide engineering knowledge and change the economic condition of konkan region. Institute has located 3Km away from kankavli city in 30.5 acres eco-friendly environment which help to enhance the teaching-learning

process. Institute has excellent class infrastructure, well equipped laboratories, to match and cope up with changing scenario in education and industry. This institute has 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 has strictly following updated rules and regulation for admission process. Institute organizes various technical events such as Virtuosic, Evolution etc. These events provide a platform to present innovative ideas and engineering aspects from maximum students. It includes project exhibition, research paper presentation and conducted different workshops from industries & academic expertise's to fill up educational and industry gap. Also we are focusing and taking countable efforts on placement activities . Institute also organizes society beneficial programs. Institute has a 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

1.Institute is planning to increase research and Development activities.

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

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

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

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

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