



YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution

**SINDHUDURG SHIKSHAN PRASARAK
MANDALS COLLEGE OF ENGINEERING
Kankavali**

- Name of the Head of the institution **Dr. A.C. Gangal**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **02367299214**
- Mobile No: **9421816280**
- Registered e-mail **sspmcoe@gmail.com**
- Alternate e-mail **naac@sspmcoe.ac.in**
- Address **AP Harkul Budruk, kankavli Tal
Kankavli District Sindhudurg
416602**
- City/Town **Kanakavali**
- State/UT **Maharashtra**
- Pin Code **416602**

2.Institutional status

- Affiliated / Constitution Colleges **Affiliated**
- Type of Institution **Co-education**
- Location **Rural**

- Financial Status **Self-financing**
- Name of the Affiliating University **Mumbai University Mumbai**
- Name of the IQAC Coordinator **Dr Raosaheb Dadu Thombare**
- Phone No. **9763072417**
- Alternate phone No. **02367299214**
- Mobile **9763072417**
- IQAC e-mail address **naac@sspmcoe.ac.in**
- Alternate e-mail address **sspmcoe@gmail.com**

3. Website address (Web link of the AQAR (Previous Academic Year) <https://sspmcoe.ac.in/NAAC.html>

4. Whether Academic Calendar prepared during the year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <https://sspmcoe.ac.in/NAAC.html>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.73	2020	08/01/2020	07/01/2025

6. Date of Establishment of IQAC **06/11/2017**

7. Provide the list of funds by Central / State Government
UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	NIL	NIL	NIL	NIL

8. Whether composition of IQAC as per latest NAAC guidelines **Yes**

- Upload latest notification of formation of IQAC **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)

The AQAR of academic year 2021-22 was prepared and submitted on NAAC portal successfully. Maximum students have completed Internship program in various companies. Increased intake of AIML course by 30 students. Various activities has been conducted to increase student placement. Technical event "VIRTUOSIC_2K4' has been conducted successfully.

12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Prepare and upload the AQAR of academic year 2021-22	AQAR of academic year 2021-22 is prepared and submitted on NAAC portal with minor changes successfully..
To improve the quality of final year projects and project report with all respect and arrange programs on it. (in campus/off campus).	By arranging workshops/seminars on projects and project reports the improvement is achieved.
Internship should be mandatory for all SE/TE and BE students during winter/summer vacation. Improvement in the number of students engaged in internship through department and III cell.	Maximum students have completed Internship program in various companies.
Arrange Technical paper presentation competition (Evolution) in OCT 2022. Also distribute technical events uniformly throughout academic year	Conducted successfully in March 2023
Apply for AIML course (30) and fulfill the desired requirement	Applied successfully and sanctioned
Arrange the science fair in last week of February or 1st week of March 2023.	Science fair event was arranged successfully
Faculties to be involved actively in research and development activities.	Research and development activities are initiated and propagated
Bicycles to be used in campus.	Executed successfully.
FDP to be conducted by every department per year.	Implemented
Enhance placement activities.	Various activities conducted to make students employable.
Website to be made more dynamic and updated.	Implemented
Encouragement and Guidance for	Conducted GATE preparation

students for competitive examinations like GATE/TOFEL/UPSC/MPSC etc.	classes successfully.
Technical event	VIRTUOSIC event conducted successfully in the month of March
Sports and cultural activities to be conducted in even sem.	Sports and cultural activities were conducted.
Arrange the industrial visits.	Industrial visits were arranged for almost all departments.
Promote Indian language other than mother tongue.	Conducted lectures on Sanskrit language successfully
UHV cell certification course to be completed by all faculties in this academic year.	Most of the staff members have been completed UHV Course
Start up projects to be developed in College Incubation cell	Partially implemented

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

Part A

Data of the Institution

1.Name of the Institution	SINDHUDURG SHIKSHAN PRASARAK MANDALS COLLEGE OF ENGINEERING Kankavali
• Name of the Head of the institution	Dr. A.C. Gangal
• Designation	Principal
• Does the institution function from its own campus?	Yes
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• Location	Rural
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• Name of the Affiliating University	Mumbai University Mumbai

• Name of the IQAC Coordinator	Dr Raosaheb Dadu Thombare				
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• if yes, whether it is uploaded in the Institutional website Web link:	https://sspmcoe.ac.in/NAAC.html				
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Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
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6.Date of Establishment of IQAC			06/11/2017		
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9.No. of IQAC meetings held during the year			4		
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If No, please upload the minutes of the meeting(s) and Action Taken Report	View File	
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If yes, mention the amount		
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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
2022_23	24/02/2024
15.Multidisciplinary / interdisciplinary	
Multidisciplinary work in engineering colleges is increasingly recognized as essential in addressing the complex challenges facing society today. In traditional engineering education,	

students often focus narrowly on their chosen discipline, whether it be mechanical, electrical, civil, or another field. However, the real-world problems that engineers face rarely fit neatly into these predefined categories. As a result, there is a growing emphasis on interdisciplinary collaboration within engineering colleges, where students and faculty from different disciplines work together to solve problems that require diverse perspectives and expertise. One of the key benefits of multidisciplinary work in engineering colleges is the ability to tackle complex problems from multiple angles. For example, consider a project aimed at designing a sustainable transportation system for a city. Engineers specializing in civil engineering might focus on designing efficient roads and infrastructure, while electrical engineers might work on developing electric vehicle charging stations. Meanwhile, environmental engineers could assess the environmental impact of different transportation options, and urban planners could consider the social and economic implications of various designs. By bringing together experts from different disciplines, engineering colleges can develop more comprehensive and innovative solutions to real-world challenges. Moreover, multidisciplinary work fosters creativity and innovation by exposing students to new ideas and approaches. When students collaborate with peers from different disciplines, they are encouraged to think outside the box and consider perspectives that they may not have otherwise encountered. This interdisciplinary exchange can lead to the development of groundbreaking technologies and solutions that have the potential to revolutionize industries and improve lives. Furthermore, multidisciplinary collaboration prepares engineering students for the realities of the modern workforce. In today's rapidly evolving job market, employers increasingly value employees who can work effectively in interdisciplinary teams. By engaging in multidisciplinary projects during their education, students develop the teamwork, communication, and problem-solving skills that are essential for success in the workplace. They also learn to appreciate the contributions of professionals from diverse backgrounds, fostering a culture of inclusivity and collaboration. In addition to benefiting students, multidisciplinary work also advances research and scholarship within engineering colleges. By breaking down the silos between disciplines, faculty members can collaborate on research projects that leverage their collective expertise. This interdisciplinary research not only accelerates the pace of innovation but also generates new knowledge at the intersection of multiple fields. For example, research at the intersection of materials science, biology, and mechanical engineering has led to advancements in

the development of biomedical implants and wearable technologies. Despite its many benefits, implementing multidisciplinary work in engineering colleges can pose challenges. One challenge is the need for faculty members to collaborate across disciplinary boundaries, which may require overcoming institutional barriers and cultural differences. Additionally, designing curricula that effectively integrate multiple disciplines can be complex and time-consuming. However, many engineering colleges are rising to these challenges by investing in interdisciplinary programs, hiring faculty with diverse expertise, and creating opportunities for students to engage in multidisciplinary projects.

16.Academic bank of credits (ABC):

The Academic Bank of Credits (ABC) is a system implemented to provide facility to keep personalized educational records likes earned credits from various academic activities and even earning additional certifications or specializations. In engineering education, the ABC system offers various benefits for students and academic institutions both. The students have provided greater flexibility to decide his educational path as per their goals instead of routine curriculum. It provides practical approach to the respective students instead of traditional classroom teaching and learning process such as internships, research projects, industry collaborations, and community service initiatives. From the academic institution point of view, the ABC system promotes innovation and adaptability in curriculum design and delivery. It encourages faculty members to develop a diverse range of courses and learning experiences that cater to the evolving needs of students and industry. By considering the above benefits of the ABC system both for student and institute point of view, institute adopted it. As per the guidelines provided in NEP2020 and instruction of Mumbai university registration of almost all the students have done. Few students have some issues while doing the registration is pending. However, as per instructions from University the required data has been submitted time to time.

17.Skill development:

As we know in engineering field different Skills are expected with fundamental engineering knowledge to grown up ahead. So every student has to adopt different skills throughout the engineering tenure is mandatory part. In our institute, Sindhudurg Shikshan Prasarak Mandal's College of Engineering had achieved it through the following skill development initiatives:
Hands-on training: Our Institute provide hands-on training in

various fields of engineering, such as electrical, mechanical, and computer engineering. This training is provided by arranging various skill development programs through workshops, laboratory sessions, and internships. Approximately 900+ students get benefitted in different skill sets. Industry collaboration: We have started collaboration with industries to provide practical exposure to students. The industry experts provide insights into the latest technological advancements and help students gain real-world experience. Also it is made mandatory to do internship for all students. Approximately 302 students have been completed internship successfully. For that we made 11 MOUs with different company. Soft skill training: Soft skills such as communication, teamwork, leadership, and time management are vital for success in any profession. Institute focuses on providing training in these areas to help students develop a well-rounded skill set. For that different company HR are taking seminars on it which is helpful for placement purposes. Project-based learning: Institute provides project-based learning opportunities to students. Projects/Mini projects (1A/1B) and (2A/2B) are specially designed to address real-world problems, and students work in teams (2-4) to develop solutions. This approach helps students develop problem-solving, critical thinking, and project management skills. Various training workshops/seminars were conducted like IOT workshop, Web development workshop, Robotics and Automation, PLC programming. for Entrepreneurship development, Relay testing and transformer protection, Campus recruitment process and Job readiness and IIT spoken tutorials. Mentoring: Institute provides mentoring programs where teachers can guide and support students in their academic and career pursuits. This can help students gain valuable insights and industry connections. Overall, Institute focuses on providing a well-rounded education that combines theoretical knowledge with practical skills and industry exposure. This approach helps students develop the skills they need to succeed in their careers.

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

In our institute we use English + Hindi + Marathi (the local language of Maharashtra) language in the teaching-learning process. To promote this system institute encourages the students to take participation in zonal, University, and State level competitions in different events such as Cultural Youth Festival, Sports, and so on. Also, Institute organizes different cultural and sports events at the institute level to motivate the students which include dance, singing, drama traditional days, all types

of sports, and so on. Similarly, our students are taking participation in debate, and essay competitions in Marathi and other Indian languages. Other than our technical language, we had conducted a workshop on Sanskrit language which is our sources of historical information.

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

Basically Outcome-based education (OBE) focuses on ability of the students related to particular course or program. For that some initiatives are taken as per curriculum developed by University: Institutions begin by mapping their existing curriculum to identify learning outcomes at various levels such as course, program and institutional. This process involves analyzing the existing curriculum structure, gaps, and areas for improvement. Students, Faculty members, Parents and industry representatives are the stakeholders of the our institute. All above are the crucial members in the OBE transformation process. For that we takes feedback regarding current courses and programs from all the stakeholders and does its analysis. After analyzing such reports are prepared and forwarded to BOS of university for further improvement purposes. Institutions articulate clear, measurable, and observable learning outcomes for each course and program. Learning outcomes are often aligned with industry standards, accreditation requirements, and institutional mission and goals. Learning outcomes are structured to reflect different levels of cognitive skills as per Bloom's taxonomy (remember, understand, apply, analyze, evaluate, create). This ensures that students are engaged in higher-order thinking and application of knowledge. Assessment and Evaluation Strategies include formative and summative assessments, performance tasks, projects, portfolios, and standardized tests. Here are several efforts that institutions commonly make to ensure the effective integration of OBE into teaching and learning such as: Constructive Alignment: Institutions ensure that there is alignment between the intended learning outcomes, the teaching methods employed, and the assessment strategies used. Active Learning Strategies. This may include group discussions, case studies, problem-solving exercises, hands-on projects, and other interactive activities. Project-Based Learning: Incorporating project-based learning into the curriculum allows students to apply theoretical knowledge to real-world situations. Rubrics and Clear Evaluation Criteria: Institutions develop and use clear rubrics and evaluation criteria to assess students' performance against the defined learning outcomes. Inclusive Teaching Practices: Efforts are made

to adopt inclusive teaching practices that accommodate diverse learning styles, backgrounds, and abilities. Here is an example of a good practice that an institution has been adopted in line with NEP 2020: Regular Formative Assessments: The institution can implement regular formative assessments, including quizzes, assignments, presentations, and class participation.

Incorporation of Portfolios and Projects: Instead of relying solely on traditional exams, the institution could encourage the creation of portfolios and projects that require students to apply their knowledge and skills in real-world contexts.

Student-Centric Learning Activities: These activities may include group discussions, case studies, and problem-solving exercises, fostering collaborative and critical thinking skills.

Feedback Mechanisms: The institution could encourage regular feedback sessions, enabling students to understand their strengths and areas for improvement, fostering a culture of continuous improvement. Professional Development for Faculty: The institution can invest in training programs and workshops for faculty members to enhance their skills in designing and implementing Outcome-Based Education practices, including effective assessment strategies.

20.Distance education/online education:

Due to the digitization and 24 hours internet/Wi-Fi facility in campus our students can get all type of technical data. So they can do online NPTEL and SWAYAM courses to upgrade them. Also different technical program can access online and get benefited from the any corner of the entire world. Government/Private MNC sector has organizes different skill based programs for example ISRO. They organized 2/3/4 week online courses for students and our students were completed such workshops successfully from EXTC/METX and Electrical students with certificates. To improve the communication skill of students spoken tutorials from IIT and add-on courses were conducted online continuously related to academic and competitive examinations. The institute has an MOU with different companies which is get benefited their technical events online continuously. Also we have IIT NPTEL and spoken tutorials courses which facilitates the students to do several online courses free of cost. For the 12th science students our institute are made available online CET crash courses and Mock tests. Also the recorded lectures of Physics, Chemistry and Mathematics are provided on You tube channel.

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	661
Number of students during the year	
File Description	Documents
Data Template	View File
2.2	125
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	120
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	View File
3.Academic	
3.1	52
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.2	52
Number of Sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution	
4.1 Total number of Classrooms and Seminar halls	15
4.2 Total expenditure excluding salary during the year (INR in lakhs)	132.58
4.3 Total number of computers on campus for academic purposes	277

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

Just before the beginning of each semester, Principal conducts meeting with all Heads of Department (HoD), to prepare semester's working plan. The institute's Academic Calendar is prepared using guidelines to carry out academic activities issued by the University of Mumbai. The Calendar contains schedule of academic activities like Internal Assessment, Technical Activities, probable End Semester Exam schedules etc. Each HoD conducts meeting with department's faculty and allocates courses based on their expertise and individual preferences to implement the planned strategies successfully and to deliver curricula in the classrooms and labs. Faculty creates comprehensive Course and Lesson Plan for assigned courses. Time table committee prepares 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 course outcomes. Every faculty achieves Course Outcomes (COs), Program Outcomes (POs) and Program Specific Outcomes (PSOs) using different methods. Program Exit Survey is conducted on final-year students at the end of

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, discussed and approved by their head of department and follows the guidelines and tentative schedule provided by the university regarding the conduction of various activities during the semester. By referring schedule and guidelines, each faculty creates 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 and demonstrating various engineering concepts in the labs. Student's performance is reviewed on a regular basis during the semester through the Assignments and the Practical outcomes. Two Unit Tests are conducted each semester to assess a student's academic performance in each course. The timeline created allows the teachers to complete the prescribed syllabus by 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/or are represented on the following academic bodies during the year.

C. Any 2 of the above

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

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

10

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

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

520

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

481

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

1.3 - Curriculum Enrichment

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

Human Value Cell and National Service Scheme strive to serve as a vital link between the current state of humanity and the 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 were conducted to inculcate Human values among the students and staff like Sanvidhan Divas, Cleanliness Drive, COVID Vaccination Drive, Sparrow Day, Engineers Day, Waste Management Awareness, Woman's Day, Special camp etc. Every year, we celebrate the birth anniversaries of our great men in order to spread the messages they set behind. To address cross-cutting issues, a course like disaster management is offered in the curriculum by the affiliating university. Institute also conducts various activities to create awareness among the students regarding these issues. To create awareness among the students and staffs regarding issues such as Gender, Environmental Sustainability, Human Values and Professional Ethics the Institute takes initiatives. In the curriculum the course Business Communication and Ethics has been prescribed 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

15

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

51

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

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above
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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
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File Description	Documents
Upload any additional information	View File
URL for feedback report	https://sspmcoe.ac.in/NAAC/Academic/feedback/report2022-23.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

270

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

51

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 admitted students are from rural background. The institute admits students to FE after 12th Science and to SE after Diploma in Engineering. 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 conducted, which covers prerequisites of various subjects of FE Engineering. After identifying slow learners every concerned subject teacher pays individual attention towards these types of students during theory lectures and practical /tutorials. Slow learners asked to solve problems with various difficulty levels during tutorials/practical. They engaged in study especially for Applied Mathematics after college hours. At the end of every semester .Institute conduct remedial classes for slow learners and a student with poor academic performance in the semester. Teachers prepare Separate learning material for Slow learners. Academic counseling is provided for these learners by the concerned faculties. Advanced learners are motivated to participate in Extra and Co-curricular activities like technical paper presentation i.e. 'EVOLUTION', 'VIRTUOSIC'. Advanced learners further motivated to appear for online courses conducted by IIT (NPTEL) etc.

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
661	52

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 technical knowledge so that they become technically competent to face real life challenges. Practical knowledge is imparted by hands on laboratory experiments. ? The institute has purchased various software's like Visual Studio, SQL Server and JAVA for the Computer Science and Engineering department, MATLAB and PROTEUS for EXTC department, AUTOCAD, CATIA, ANSYS, INVETOR for Mechanical and ETAP for Electrical Engineering, and Plagiarism Checker X for plagiarism checking. The students are motivated to use open source software's like LATEX, PYTHON, SCILAB, XAMP, UBUNTU Operating System etc. **B) Participative learning:** ? Students publish and present technical papers at various national and international level journals and conferences. ? To improve leadership qualities students organize and participate in events like national level technical festival 'Virtuosic' and 'Evolution'. ? Students are encouraged to participate and arrange in social activities such as SHIVAJAYANTI. . **C) Problem Solving Methodologies:** ? Students are encouraged to intern during academic semesters to provide exposure to real time problems. 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 project and research work

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

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

maximum of 200 words

- In 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.
- Teaching learning is enhanced to bring creativity by organizing hands on workshops, industrial visits, expert lectures/seminars, group discussions in collaboration with industry. Students are motivated for participation in competitions such as solar/electric vehicle, smart India Hackathon , and they work upon industry based projects for making them innovative.
- For Laboratory work institute used Virtual Labs like IITB Virtual Lab and also some simulation software's 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	Nil

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

40

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

52

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

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

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

6

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

542

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.

Institute considers following heads for internal assessment:

IA Head

Frequency

Details

1. Internal Assessment Tests

Twice in semester

Unit Test 1 after completion of 40% syllabus

(Unit Test1 &Unit Test 2)

Unit Test 2 after completion of 80% syllabus

Termwork

1. Laboratory Experiment

Weekly

Experiment assessed every next week after performance

1. Assignments

Regularly

As per date of submission

1. Mini Projects

During Semester

Group of 3 or 4 students

1. Main Projects (Final year students)

During Final Year

Group of 3 or 4 students

- The time table of internal assessment is displayed on notice board in advance.
- Question papers are set based on syllabus coverage and achievement of Cos.
- Internal assessment is carried out regularly to ensure the complete understanding of each module by the students.
- Once the examinations are conducted, the answer scripts of students are evaluated by faculty members.
- Once the papers have been evaluated, result is conveyed to the students by the teachers. Suggestions are given to the students who need to improve and the ones who performed well are appreciated. Finalized marks are verified AND displaying. 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. 2022-23, all examination related activities such as filling of examination forms, paying examination fees, conveying timetable and deadlines of all activities, etc. were completed in offline mode only. All forms were prepared for all the activities and data was collected in exam section. All examination including oral/practical examinations, end semester theory examinations, Internal assessments were conducted in time as per university guidelines. Standard SOP was issued by the University of Mumbai and using same institute conducted the examinations.

Two Internal Assessment (IA) tests are conducted during every

semester. All the guidelines and time tables regarding internal assessment are conveyed to the stakeholders through website and notice boards.

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

Once result got declare the student can apply for photo copy as well as can apply for revaluation process

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 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 attainment of POs. The institute prepared an automated excel template which accepts assessment details/results of above-mentioned tools.

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.

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 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

108

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

2.7 - Student Satisfaction Survey

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

<https://drive.google.com/file/d/18C4y4izc3HaCR59Vw05wsMuYWcNDQ6Fx/view?usp=sharing>

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)

0.1

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

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

3.1.2.1 - Number of departments having Research projects funded by government and non-

government agencies during the year

1

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

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

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

35

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

3.2 - Research Publications and Awards

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

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

9

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

5

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

3.3 - Extension Activities

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

In our institute , a number of extension activities are organized to sensitize the students towards community needs. The college runs the National Service Scheme Unit. Through this unit, the college undertakes various extension activities in the neighborhood 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, Computer literacy awareness, Environmental awareness, Women empowerment, National Integrity, Aids awareness, Blood donation camp, etc. Extension activities are carried out through the UHV cell by organizing webinars such as Relevance of UHV-Trust, Respect, etc, and also the Role of universal human values in his carrier and in his education. Sports activities, virtuose -Technical Event, number of cultural activities are conducted. MHT-CET exam crash courses in PCM are conducted by our college faculty, conducted practice Tests, Mock Tests _ Lakshyvedh as per MHT-CET format for 12thSci. Students.

SIP was organized for FE Students. Yoga sessions were conducted in our Gymkhana. The students of our college actively participate in social service activities leading to their holistic development

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

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

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

5

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

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

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

12

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

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

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/

NCC/ Red Cross/ YRC etc., during the year

1006

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

3.4 - Collaboration

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

302

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

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

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

11

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The institute has a beautiful campus with Lush Green landscapes.

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 a 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 a 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 on campus.

The institute has Fire Extinguishers in the campus and has emergency exits for calamities like fire and earthquake

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

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

Sports

- During annual sports 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 inhouse as well as inter collegiate sport events.
- A separate indoor games facility for Table-tennis, Badminton, Carom and Chess is available & used by the students.
- 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

- Multipurpose Hall with a seating capacity of 800+ nos. Multipurpose Hall is equipped with LCD projector, well-furnished interior, good sound system etc.
- For cultural programs an open theatre with seating capacity of more than 2000 audience is available.
- National level technical festival 'VIRTUOSIC' foster technical and managerial talents in students.
- Annual function 'UTTUNG' 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.

15

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

15

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)

11.60

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)

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

The reading room is well furnished to accommodate 75+ students at a time and provides a conducive environment for study.

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

In all 479 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 on campus.

All university question papers are available in the library.

NPTEL video lectures are available in the library.

Membership of National Digital Library of India (NDLI)

Formation of SSPM's college of Engineering NDLI Club

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

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

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)

5.58

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

7

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 every year to provide platform to the students to display hidden talents, team spirit, leadership qualities and organizing ability among students.

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

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

To fulfil the requirement of simulation based experimental work, MATLAB software has been 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 the intranet.

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

For security purposes all PCs in the institute are protected by 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 the online teaching learning process, Pentab has been purchased in 2020-21.

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

4.3.2 - Number of Computers

277

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)

82.48

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

EPABX system

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

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

558

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

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

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the

institution / non- government agencies during the year

237

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

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

A. All of the above

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

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

593

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

593

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

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

52

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	No File Uploaded
Details of student progression to higher education	View File

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

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

0

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

5.3 - Student Participation and Activities

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

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

0

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

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

The student council represents the interests and opinions of the student body to the college administration, instructors and other pertinent parties. The student associations, student chapters and student council are all active at the institute. The Institute encourages student involvement in academic and administrative groups as well. Students have the opportunity to develop their leadership skills through the council by working with peers and professors, organizing events, and holding leadership roles.

In meetings pertaining to athletics, extracurricular activities, and other initiatives run by Mumbai University, the Student Secretary speaks on behalf of the college. Cultural, technical, and sporting events and activities are all part of an active student council.

Each year, the dean and representatives of the student council meet twice to discuss issues pertaining to studies, athletics, cultural events, involvement in intercollegiate programs, student complaints, and office-related issues. Student council organizes "virtuosic" technical activities, participates actively in them, and mentors both internal and external students. The student council encourages other students to speak up and address connected issues

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

14

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

5.4 - Alumni Engagement

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

Sindhudurg Shikshan Prasarak Mandal's college of Engineering (SSPMCOE) alumni association has been registered with the office of the Charity Commissioner, Sindhudurg with Reg..no. Maharashtra /3120/Sindhudurg was established in the academic year 2009-10 under the Societies Registration Act, 1860. Alumni Association committee consists of representatives of pass out 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. Alumni meets can include panel discussions, workshops, and talks where alumni share their expertise, industry trends, and career pathways with current students.

Whenever possible Alumni visit the institute , inspire and motivate current students to excel in their studies and pursue ambitious career goals. The alumni have their representation in IQAC and College Development Cell (CDC). Alumni always help in the development of the Institute through Alumni meet, Guest Lectures, Career Guidance etc. Alumni offer valuable advice, insights, and mentorship to current students regarding career paths, industry trends, skill development, and job search strategies.

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

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

E. <1Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

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

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

Institute offers a 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	No File Uploaded

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

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

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

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

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

Decentralized governance system.

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

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

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

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

2. Develop excellent infrastructure facilities for a healthy atmosphere with decent discipline.

3. To make an environment eco-friendly, the institute insisted staff and students to use bicycles. To reduce the paperwork, most of the activities are carried out online. Garbage collectors are placed at various places in a college campus and everyone put wastes in a garbage collector. Institute planning to make plastic free campus.

4. Institute is developing its own software In-house to use the application to manage our academic activities online.

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

6. To nurture research attitude among the students and faculty to increase the extent of applied research to collaborate with leading overseas institutes/universities.

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

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

Organizational Structure : For smooth functioning of administrative and academic processes, Sindhudurg Shikshan

Prasarak Mandal's College of Engineering has a well established organizational structure.

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

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

Governing Body:-

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

Recruitment Procedure: The approval 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 in local and national newspapers. Selection committee duly appointed by the university conducts the interviews. The eligible and selected candidate names are recommended to the University for Approval. The appointment is done after the due approval from the university.

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

File Description	Documents
Paste link for additional information	NIL
Link to Organogram of the Institution webpage	NIL
Upload any additional information	No File Uploaded

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

C. Any 2 of the above

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

6.3 - Faculty Empowerment Strategies

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

Provident Fund The institution has 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 the 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

3

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

65

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

66

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's 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 reports are generated. This confidential report is sent to the Principal. Self Appraisal given by each Faculty consists of the details of work, contribution and achievements in the concerned academic year.

For Teaching Staff: 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	NIL
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institute has its internal and external audit 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 are permanently appointed to do a thorough check and verification of all vouchers of the transactions that are carried out in each financial year. Likewise an external audit is also carried out in an elaborate way on a 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 mechanisms.

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)

NIL

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	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. The Fee Regulating Authority (FRA) decides and approves institutes fee structure every year.

Principal prepares the Institutional budget every year with the help of the Head of the Departments, coordinators of various cells like Training and placement, Research and development. Daily expenses and urgent requirements up to Rs. 1 lakh are sanctioned by the Administrative Officer 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, the Purchase committee calls quotations and prepares comparatives. Comparative statement is verified with the quotations by the Scrutiny officer of trust. Accordingly negotiations are done by the 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 members. Payment vouchers are prepared and cash/cheque is drawn/ paid after getting all required documents with budget stamp and signature of higher authorities.

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

6.5 - Internal Quality Assurance System

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

The Institute's IQAC is functional and contributes to the quality culture on the campus. The IQAC undertakes quality sustenance and quality enhancement measures. The college has a well-established IQAC which is instrumental as a part of all developmental decisions of the college including infrastructural and academic development. The IQAC frames a schedule of meetings at the beginning of the session with different departments to assess their progress on a 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) was designed by the institute.

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

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

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

departments.

A. The direct method: 1. Assignments 2. Laboratory Experiments 3. Unit Test-1 & 2 4. Multiple Choice Questions 5. Projects 6. End Semester Examination Results. Syllabus of every course is divided into modules and a CO is defined for each module. In the 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

B. The indirect method: 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. 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)

C. Any 2 of the above

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

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

- 1. Institute has organized a Two day Session on "Self Defense, Cyber Crime, Practical Demo and Training for Self Defense ".**
- 2. The Principal, Registrar and 2 staff members stay on campus 24x7.**
- 3. Institute has its own 24x7 security on campus. CCTV's installed in campus as well as classrooms and laboratories.**
- 4. Total campus is in CCTV surveillance.**
- 5. Institute has a separate Hostel for Girls and Boys with amenities like generator supply, Internet and medical etc.**
- 6. Institute provides pick up and drop facility for outstation students to particular locations.**
- 7. Institute has an ambulance facility in case of any emergency.**
- 8. The Anti-Ragging committee functions actively in the Institute to carefully handle the issue of ragging.**
- 9. Institute has arranged various counseling programs through the Women Development cell.**
- 10. Internal complaint committee works to redress issues of Ladies staff and Girl students.**

File Description	Documents
Annual gender sensitization action plan	https://drive.google.com/file/d/1h-2n3GbXp_mBZLFeLgZ0hIBqxfpnxfGLS/view?usp=sharing
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://drive.google.com/file/d/1L8cXgYw7AXqM0UJt2PgcJUw2taIjxzJX/view?usp=sharing

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

B. Any 3 of the above

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

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

Solid waste management, 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 the canteen being provided to feed animals.
- 2. Liquid waste management:** Institute has an underground drainage system. Waste water from cooler outlets and overflow is utilized for green practices such as plantation. Institute does not generate any chemical waste. Chemicals used in Chemistry laboratory are of very low concentration.
- 3. E-waste management:** The electronic waste such as UPS old batteries is sent for recycling through a buy-back policy.

Also monitors of old computers are sent for recycling through 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	https://drive.google.com/drive/folders/1Vhr0dwOp88rHhjsxLGh21CUJE9_pW9SG?usp=sharing
Any other relevant information	No File Uploaded

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

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

C. Any 2 of the above

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

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

A. Any 4 or all of the above

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

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

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

- 1. Cleanliness drive**
- 2. Engineers Day celebration**
- 3. Program on Jeevan Vidya Mission**
- 4. Kalavishkar by first year student**
- 5. Seminar On investment awareness**
- 6. Slogan Competition**
- 7. Teachers Day Celebration**
- 8. National Science day celebration**
- 9. NSS CAMP at Matoshree vridhashram**

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

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

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

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

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

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

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

- 1. Dr. Babasaheb Ambedkar Jayanti Celebration.**
- 2. Mahatma Phule Jayanti celebration.**
- 3. Mahatma Gandhi Jayanti**

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

7.2 - Best Practices

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

Practice 1: Student Development Program (SDP)

Students admitted to our institute are mostly from rural areas with varied backgrounds lacking industry-oriented skills. The curriculum is not entirely based on the requirement and

expectations of the industry for employment. Industry needs a ready workforce to be competent enough to start contributing from day one and at the same time many industries do not have policies for Internship. Due to all these facts, the institute focuses on arranging various industry-oriented skill development programs for the students.

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

Industrial visits are also arranged to bridge the gap between curriculum and industry requirements. Programs are also conducted by the UHV cell of our college for the holistic development of our students.

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

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

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

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

7.3 - Institutional Distinctiveness

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

The institute is established by a great visionary Hon. Shri. Narayanraoji Rane sahib in 1999 to provide engineering education

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

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

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] Prepare and upload the AQAR of academic year 2022-23.
- 2] At least 1 FDP/STTP per department to be conducted for staff
- 3] Programs for soft and technical skills enhancement of students
- 4] Enhancement in Placement activities
- 5] Competitive examination guidance (GATE/MPSC/UPSC/TOFEL etc)
- 6] Organize various programs under NSS to make students aware with social responsibilities
- 7] Technical event "VIRTUOSIC" to be conducted in even semester
- 8] Various activities to be conducted by Department Students Associations

9] Internship to be made mandatory for all SE/TE and BE students during winter/summer vacation.

10] Sport and Cultural events to be celebrated in the even semester

11] Industrial visit to be arranged by all departments.

12] Arrange Industry institute interaction programs

13] Arrange Students motivational programs

14] Develop multi/interdisciplinary academic/research culture.

15] Carrier counseling, CET coaching classes and CET practice tests for 12th standard students.

16] Apply for new program Electronic and computer science branch.

17] Organizing Continues interaction with stakeholders : Parents, Alumni, and Industrial experts of institutional MOU.

18] Conduct Academic audit