



# **SELF STUDY REPORT**

**FOR**

**1<sup>st</sup> CYCLE OF ACCREDITATION**

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

**SINDHUDURG SHIKSHAN PRASARAK MANDALS COLLEGE OF  
ENGINEERING, A/P HARKUL BUDRUK TAL KANKAVALI DIST- SINDHUDURG**

**416602**

**sspmcoe.ac.in**

**Submitted To**

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

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# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION

Sindhudurg Shikshan Prasarak Mandal was established in year 1994 by Honorable Shri Narayanrao Rane with the vision of uplifting the standard of living of the people of rural Konkan region with provision of professional education to the masses. Sindhudurg Shikshan Prasarak Mandal has established various academic institutions to cater the needs of industry and to provide the higher education opportunities for the young generation of society in this educationally backward region. Sindhudurg Shikshan Prasarak Mandal started this Engineering Institute on 6th July 1999 under the able Stewardship of Hon. Shri. Narayanrao Rane. Sindhudurg Shikshan Prasarak Mandal's College of Engineering is affiliated to university of Mumbai, Mumbai and approved by AICTE, New Delhi. This Institute offers Undergraduate program of four years duration in Computer Engineering, Electrical Engineering, Electronics and Telecommunication Engineering and Mechanical Engineering.

The institute has lush green beautiful campus spread across 30.5 acres consisting ICT enabled classrooms, Laboratories, Workshops, Computer center, Drawing hall, Seminar halls with ICT enabled facilities, Auditorium, well stocked Library, Boys and Girls Hostel, provision of Staff Accommodation on campus and canteen. The institute located 4 km. away from Kankavali on National Highway No 66.

Campus is plastic free. Institute focus on paperless office by using software's such as TCS Digital Learning Management System. E-waste is sent for recycling to government authorized recycler. Solid waste is recycled through a compost plant on campus. Institute has Solar Energy system installed at both hostels which is saving 4500 KWH electricity. The institute has started and plan to replace all the lighting fixtures by LED lamps in phase wise manner to conserve electricity.

The outcome based teaching learning system ensures that the courses are delivered through conventional classroom teaching using chalk and board and also effectively using ICT tools like, PPTs, video lectures etc. Also Laboratory courses are conducted in the well-equipped laboratories of the departments. Academic Performance of the students is evaluated on continuous basis through assignments, practical's, tutorials and by conducting unit tests and other tests like MCQs, surprise tests, etc.

### Vision

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

### Mission

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

## 1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

### Institutional Strength

- Sufficient Infrastructure and Physical Facilities
- Well-equipped and Updated Laboratories
- Advanced and latest computing facility
- Well stocked computerized library
- Young, dynamic, experienced & matured faculty
- Conducive teaching learning environment
- Caring and Supportive management

### Institutional Weakness

- Locational Limitation
- Less scope for consultancy
- Most of the students with rural background
- Limitations for collaboration with MNCs and similar industries
- Less exposure to students and faculties due to remote location

### Institutional Opportunity

- To develop Incubation center at large scale
- To attract meritorious and committed students for engineering
- To improve the Industry- Institution interaction on large scale
- To enhance placements activities with high package employers

### Institutional Challenge

- To develop consultancy activity in the surrounding location
- To enhance Research with more funded projects
- To increase the admission with more number of students at entry level
- To improve more vocational and professional skills of outgoing students

## 1.3 CRITERIA WISE SUMMARY

### Curricular Aspects

The institute is affiliated to the University of Mumbai, Mumbai and offers four undergraduate engineering programs i.e. Computer Engineering, Electrical Engineering, Electronics and Telecommunication Engineering and Mechanical Engineering. Institute academic calendar is prepared by referring general guidelines for conducting academic activities provided by the university. The curriculum provided by affiliating university is delivered using a planned, well documented process. Heads of the Department and various committees at department level ensure effective execution and delivery of the curriculum strictly as per the institute academic

calendar and individual course planning.

The courses are delivered through conventional classroom teaching using chalk and board and using ICT tools like, PPTs, video lectures, etc. Laboratory courses are conducted in the well-equipped laboratories of the respective departments. Continuous academic performance of the students is evaluated through assignments, practical, tutorials and by conducting unit tests and other tests like MCQs, surprise tests.

For continuous improvement in the overall teaching learning process the feedback plays an important role. Each department takes feedback from the students, parents and other stake holders regarding curriculum, teaching learning process, and conducts course exit and program exit survey.

Faculty of the institute plays active role in various bodies of the affiliating university such as Local Inquiry Committee and Paper Setting Committee, Exams Related Committees, etc. All departments of the Institute adopts optional programs offered by the affiliating university from time to time. The institute at present implements choice based and credit based system as offered by affiliating university.

The Institute encourages and supports the students to participate in various certification courses such as soft skills development. Each department organizes subject related certification courses for the student to enrich the contents of the subject.

The institute inculcates in its students and staff, human values, professional ethics, sensitivity towards environmental sustainability etc. by organizing related events. Institute offers the students an opportunity to actively participate in Internship, Industrial training programs and value added programs.

### **Teaching-learning and Evaluation**

The students admitted in the institute through the centralized admission process of the government of Maharashtra, deployed and monitored by the State CET cell and admission regulating authority (ARA).

The admission process of the institute is transparent and is as per the university and government norms. The students admitted belong mainly to the rural Konkan region. The admitted student's profile is further strengthened by using learner centric and conventional methods while delivering theory and practical sessions.

Faculty members use ICT, Learning Management Systems (LMS) and e-learning resources. ICT tools are effectively used to communicate with the students. The average teaching experience of faculty members is 9 years. The Faculty deputed on regular basis to participate in Conferences, Seminars and Orientation Programs to boost their teaching skills and make their teaching more innovative and effective.

All departments follow evaluation process using well-defined rubrics, in line with the norms of affiliating university. The student performance is monitored through the evaluation of learning outcomes with the help of a well-defined methodology for CO-PO mapping, evaluation of COs, POs, and PSOs using formative and summative assessment methods. Project-based learning is promoted by the institute under the guidance of experienced staff. In order to achieve result, intensive coaching is conducted to build confidence of students in respective subjects. Additionally remedial lectures are arranged for the benefit of the students.

IQAC of the College supported by the senior faculty members monitors all the curricular, co-curricular and extra-curricular activities in the college and ensures to provide all the necessary support to teachers and students



for better teaching and learning processes.

### **Research, Innovations and Extension**

Institute has R&D cell, the Principal is the chairman, and senior faculties are members of the cell. The research and development activities have been coordinated by R & D cell under the guidance of chairman. For active involvement and encouragement of students and faculty members, the institute has designed a policy to award prizes for the best student projects and also provides support and facilities to them for undertaking research work. Institute provides incubation centre for the interdisciplinary research. Students are encouraged to develop vehicles based on alternative energy sources. The students regularly participate in various National/International Competitions related to application of Alternative Energy. Financial support and seed funding is provided to student and faculties. Institute organizes STTP, FDP, workshops, conferences etc. Special fund is provided to arrange national level annual technical festival “Virtuosic” in which prizes for the Best Project, Paper Presentation, Debate, Robotic competition, Circuit Debugging, Science Fair, Poster Presentation, Drone, Mock test, Techno Gaming, etc. are awarded to students for promoting research culture. Students from various colleges participate actively in “Virtuosic”. Institute supports to faculties for upgradation in qualifications. Increments and Incentives are given to faculties as per higher qualification.

The institute has signed MoUs with reputed industries, Institutions for providing an opportunity to get better placement and for higher studies, internships and Training. College has constituted Intellectual property right cell for organizing workshops and seminars related to patent, project writing, copyright etc.

The institute involves the faculty and students in social work. This helps the students to inculcate ethical values, understand their Social responsibilities, and develop as good citizens. Faculty and students actively participate in Swachh Bharat Abhiyan, Environmental day (Tree plantation), Health awareness day, Gram Swachhata Abhiyan in campus and in nearby villages. Institute arranges social activities as blood donation camp, science Fair, (CET) practice examination named “LakshyaVedh” for 12th science students, Youth festival, Cultural program and Sports events every year. Institute organizes lectures on Personality development, and career guidance every year in nearby schools from Konkan region for counselling of students.

### **Infrastructure and Learning Resources**

The institute has lush green beautiful campus spread across 32 acres consisting ICT classrooms, laboratories, workshops, computer center, drawing hall, ICT seminar halls, auditorium, spacious library, boys and girls hostel, staff accommodation and canteen.

The campus has adequate facilities for outdoor sports such as volleyball, kho-kho and indoor games such as Badminton, Carom, and Chess etc. The campus also has a swimming pool for students and staff.

An average percentage of budget for infrastructure augmentation is Rs. 17 lakhs per year.

The institute has a fully automated library of 483 sq. m. area which houses more than 23000 books, 3361 titles, 31 Journals, 08 Magazines, 51 e-books and 472 e-journals dedicated to the Engineering streams along with more than 430 other knowledge books.

Learning Resources like e-Journals, e-books are available to faculty and students and it can be accessed

remotely.

An average annual expenditure per year for purchase of books and journals is of Rs.12.0 lakhs per year.

The institute has 2:1 student computer ratio with over 150 MBPS bandwidth.

For safety and security of the students, faculties and property 100 CCTV cameras installed at different locations including administrative office and academic areas.

To ensure uninterrupted availability and optimum utilization of infrastructure, the institute has separate maintenance department to take care of electrical, EPABX and other physical infrastructure and computers, peripherals, and networking.

The average expenditure on maintenance of campus infrastructure is Rs. 40.0 lakhs per year.

Feedback of stakeholders is sought regularly about infrastructure and learning resources for ensuring their satisfaction. Accordingly, continuous review of infrastructure and learning resources is carried out by respective committees and the recommendations are integrated in the Annual Planning for upgrading, maintaining and utilizing physical, academic and support facilities.

### **Student Support and Progression**

The focus of this criterion is to help students, to achieve their learning goals and to enhance their technical and non-technical skills.

Institution has student support system for enhancement/development, progression, Alumni engagement, etc. Students informed about various government scholarships after admission in the college, the eligible students benefitted from the State Govt. and Central Govt. sponsored scholarship schemes as per existing rules.

The institute has well established placement cell for guiding students for better career and providing job opportunities through campus interviews. The institute maintains strong relationship with industry and to support students in placement.

Institution provide support to students for skill development, career counselling for higher education progression. Institute has active student grievances cell, Anti-ragging cell, Student council and Woman development cell. The Grievances of the stakeholders addressed by the Grievance Redressal Cell.

Students are active members of cultural and sports committees and institute encouraged students to participate in intra and inter-institutional sports and cultural activities. Institution regularly engages with its alumni through alumni meets, alumni mentors/career counselling of students etc. Alumni contributed in effective implementation of curriculum and skill development activities.

The various co-curricular and extra-curricular activities organized by the college to assure full fledge development of the students.

Institute encourage students by providing Financial Aids to participate in Technical and Non-Technical workshops. Institute arrange Technical Festival to bridge the gaps in curriculum.

## Governance, Leadership and Management

The Institute was established to bring *Konkan* region on the global platform in the area of Technical Education. The Institute makes a systematic perspective plan in response to the feedback received and the emergent needs. The roles of the various administrative bodies are well defined. The Institute has a well-established grievance Redressal mechanism. The College has introduced e-governance in Administration, Finance and Accounts, Student Admission and Support Services and Examinations. The Institute has constituted various committees whose functioning is beneficial to the students and staff. There are a host of welfare measures meant for the staff. The Institute has regular internal audit system while the External Audit is regularly carried out by funding agencies. The External Audit is carried out by Chartered Accountant regularly. 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 IQAC frames a schedule of meetings at the beginning of the session with different departments to assess their progress on monthly basis.

The institute well defined internal governance structure which helps in effective academic, administrative and other activities. The institute practices decentralization and participative management through a well-defined hierarchy of Governing Body, CDC, IQAC, Principal, HODs and Conveners of various committees. The institute has committees like Grievance Redressal, Women Development Cell, Anti-Ragging, Sports and Cultural.

The institute has well defined policies with goals for improving academic quality and infrastructure. The college interacts with students through a feedback mechanism, besides giving participation to students as members in various administrative committees. The society inputs are obtained through alumni association.

Faculty members are recruited by adhering to Government norms and their competence is upgraded through faculty development programs. These programs conducted by IQAC within the college and at the University level.

The organizational structure decentralizes the power and responsibilities among the internal stakeholders for developing and drafting policies and strategic plans for teaching and learning, research and development, community engagement, developing human resource and industry interaction. Institute has qualified and competent administrators to provide effective governance and leadership at all levels.

## Institutional Values and Best Practices

Institute mainly focus on creating skill full engineers to increase prosperity of this region and community. The past 05 years the average percentage of Girl students is nearly 25 to 30%. As part of green practices, the institute maintains lush green campus covered with lawns and trees such as cashew, mango, and coconut etc. Campus is plastic free. Institute mainly focus on paperless office by using software's such as TCS digital learning. E-waste is sent for recycling on government authorised recycler. Solid waste is recycled through a compost plant located in campus. Institute has solar system installed at hostels which is saving 4500 KWH electricity . The institute has started and planning to replace all the lighting fixtures by LED lamps in phase wise manner to conserve electricity. Separate budgetary provision is made for plantation and maintenance of trees every year. Nature Club of the institute sensitizes the students towards the importance of green practices and organise various plantation drives in campus and nearby locality. Career counselling and awareness about technical education and various competitive examination is being done on regular basis. Extension activities

such as blood donation, Tree plantation, cleanliness drive and Electric safety drive are regularly organized in nearby regions to contribute towards local community. Institute has agreement with TCS for conduction of various government and non-government exams such as GATE, MHT-CET, etc. Decentralisation of T&P cell into departmental training placement cell has resulted into a positive change in the placement.

Institute is conducting some best practices from last few years like student development programs under national level technical summit i.e. Virtuosic which is fusion of near about 10 to 15 events like Technical Workshops, Seminars, Project exhibition, Expert talk, Debate, URGE, Evolution (Technical paper presentation competition). Adoption of this best practice help to improve knowledge, soft skill, logic and leadership qualities, which are very important in industrial skill development and their higher studies. It emphasizes on integrity towards core values.

Institute is keen to upgrade quality of educational and teaching learning process, by continuously providing support and encouraging faculties for their qualification upgradation and developing research attitude.

## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the College	
Name	SINDHUDURG SHIKSHAN PRASARAK MANDALS COLLEGE OF ENGINEERING
Address	Sindhudurg Shikshan Prasarak Mandals College of Engineering, A/P Harkul Budruk Tal Kankavali Dist- Sindhudurg
City	Kankavli
State	Maharashtra
Pin	416602
Website	<a href="http://sspmcoe.ac.in">sspmcoe.ac.in</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Aneesh Chintaman Gangal	02367-233812	9420839969	02367-230214	sspmcoe@gmail.com
Associate Professor	Raosaheb Dadu Thombare	02367-231775	9763072417	02367-231525	vrthombare@gmail.com

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details				
Date of establishment of the college		06-07-1999		
<b>University to which the college is affiliated/ or which governs the college (if it is a constituent college)</b>				
<b>State</b>	<b>University name</b>	<b>Document</b>		
Maharashtra	University of Mumbai	<a href="#">View Document</a>		
<b>Details of UGC recognition</b>				
<b>Under Section</b>	<b>Date</b>	<b>View Document</b>		
2f of UGC				
12B of UGC				
<b>Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)</b>				
<b>Statutory Regulatory Authority</b>	<b>Recognition/Approval details Institution/Department programme</b>	<b>Day,Month and year(dd-mm-yyyy)</b>	<b>Validity in months</b>	<b>Remarks</b>
AICTE	<a href="#">View Document</a>	04-04-2018	12	Yearly Extension

Details of autonomy	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Sindhudurg Shikshan Prasarak Mandals College of Engineering, A/P Harkul Budruk Tal Kankavali Dist- Sindhudurg	Rural	30.5	10007

## 2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Mechanical Engineering	48	HSC	English	60	35
UG	BE,Computer Engineering	48	HSC	English	60	50
UG	BE,Electronics And Telecommunications Engineering	48	HSC	English	60	15
UG	BE,Electrical Engineering	48	HSC	English	60	14

### Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	4				8				42			
Recruited	1	1	0	2	6	0	0	6	34	8	0	42
Yet to Recruit	2				2				0			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				2			
Recruited	0	0	0	0	0	0	0	0	0	2	0	2
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				39
Recruited	30	9	0	39
Yet to Recruit				0



Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				16
Recruited	8	8	0	16
Yet to Recruit				0

### Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	1	0	0	0	0	0	0	0	2
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	6	0	0	29	8	0	43

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male		Female	
	Others		Total	
	5		2	
	0		7	

**Provide the Following Details of Students Enrolled in the College During the Current Academic Year**

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	604	4	0	0	608
	Female	234	2	0	0	236
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	7	7	8	16
	Female	4	7	7	15
	Others	0	0	0	0
ST	Male	0	0	0	2
	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	43	34	56	48
	Female	10	10	20	29
	Others	0	0	0	0
General	Male	108	84	75	151
	Female	30	38	26	50
	Others	0	0	0	0
Others	Male	9	14	22	32
	Female	1	11	8	13
	Others	0	0	0	0
Total		212	205	222	356

### 3. Extended Profile

#### 3.1 Program

Number of courses offered by the institution across all programs during the last five years

Response: 276

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

Number of programs offered year-wise for last five years

2018-19	2017-18	2016-17	2015-16	2014-15
04	04	04	04	04

#### 3.2 Students

Number of students year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
844	945	1090	1267	1326

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

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
95	95	95	144	144

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

Number of outgoing / final year students year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
287	319	318	402	385

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

### 3.3 Teachers

#### Number of full time teachers year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
52	63	66	67	82

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

#### Number of sanctioned posts year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
56	77	81	97	97

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

### 3.4 Institution

#### Total number of classrooms and seminar halls

**Response: 13**

#### Number of computers

**Response: 312**

#### Total Expenditure excluding salary year-wise during the last five years ( INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
105.89	156.24	170.51	164.34	164.31

## 4. Quality Indicator Framework(QIF)

### Criterion 1 - Curricular Aspects

#### 1.1 Curricular Planning and Implementation

##### 1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process

##### Response:

- Before commencement of each semester, Principal conducts a meeting with all Head of the Department (HoD) i.e. Computer Engineering, Electronics and Telecommunication Engineering, Electrical Engineering and Mechanical Engineering for effective implementation of curriculum delivery.
- By referring general guidelines for conducting academic activities provided by affiliating university i.e. the University of Mumbai, Mumbai, Academic Calendar of the institute is prepared. It includes detail academic schedule of the semester.
- Each HoD conducts a meeting with faculty and allocates courses to faculties as per their individual choice and preferences for effective delivery in classrooms and laboratories.
- Time table committee prepares time tables as per the existing workload for each department with the approval of HoDs. Time table committee prepares a master time table, departmental time table, and individual faculty time table and gets it approved from HoDs and Principal. Then it is circulated to faculties individually and published on the notice board for the benefit of the students.
- Faculty prepares detailed Course Plan and Lesson Plan for their allocated workload.
- Each faculty is given a Work Diary to maintain their daily academic record. HoD of the concerned department checks the Work Diary regularly.
- In each semester two Unit Tests are conducted for evaluation of academic performance of the students for each course. Normally Unit Test question papers set according to expected course outcomes and Bloom's taxonomy.
- Continuous evaluation of students done through assignments and performance of students in the practical throughout the semester.
- A faculty works as a Mentor for a group of 20 students, but in some cases up to 30 students.
- To look at academic and other issues of students a Mentor arranges periodic meetings and resolves their issues.
- Monthly Attendance Report of students is generated and displayed on the Notice Board and communicated to parents. Those students with less than 75% attendance are communicated to the parents personally and called to see the class coordinator.
- Each department takes Mid-Term Feedback of course from students to evaluate the teaching-learning process. According to midterm feedback received from the students, corrective actions are taken at the department and at institute level.
- Every faculty achieves Course Outcomes (COs), Program Outcomes (POs) and Program Specific Outcomes (PSOs) through various tools. HoD monitors the academic activities on a regular basis to ensure the execution of Academic Calendar, Timetable, and the Teaching-learning process.
- At the end of each semester, each department conducts the Course Exit survey and also takes feedback from students regarding facilities.
- For final year students, the Program Exit Survey is conducted at the end of the last semester i.e. Eighth semester.

- All departments of the Institute organize Skill Development Programs to cater to the current needs of the Industry.
- Online certification courses organized by IITs like National Programme on Technology Enhanced Learning (NPTEL) and the Spoken Tutorial Project IIT Bombay are made available through institute's Local Chapter to teaching, non-teaching staff, and students.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

### 1.1.2 Number of certificate/diploma program introduced during the last five years

**Response:** 17

#### 1.1.2.1 Number of certificate/diploma programs introduced year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
11	01	03	02	00

File Description	Document
Details of the certificate/Diploma programs	<a href="#">View Document</a>

### 1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

**Response:** 1.52

#### 1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
01	00	00	00	00

File Description	Document
Details of participation of teachers in various bodies	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 1.2 Academic Flexibility

### 1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years

**Response:** 99.64

1.2.1.1 How many new courses are introduced within the last five years

Response: 275

File Description	Document
Details of the new courses introduced	<a href="#">View Document</a>

### 1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

**Response:** 100

1.2.2.1 Number of programmes in which CBCS/ Elective course system implemented.

Response: 04

File Description	Document
Name of the programs in which CBCS is implemented	<a href="#">View Document</a>

### 1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years

**Response:** 30.94

1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
428	294	404	346	107

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	<a href="#">View Document</a>



## 1.3 Curriculum Enrichment

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

#### Response:

- To address cross-cutting issues, few courses are offered in the curriculum by the 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 has established various committees.

#### Gender:

- Women Development Cell (WDC), headed by a senior faculty member arranges the programs related to women safety, health awareness, women empowerment, etc.
- WDC of the Institute celebrates Women's Day by inviting a Guest from a different social domain.
- Institute gives opportunities to girl students to work as Institute Ladies Representative, Class Representative, Class Ladies Representative, General Secretary and Representative of Student Council..
- Institute has Ladies common room with required facilities.
- To maintain physical fitness of girl's students, the institute provides a gym, swimming pool, and an indoor/outdoor playground facility.

#### Environment and Sustainability:

- Institute maintains green campus.
- The institute has Nature Club which organizes awareness programs relevant to Environment and Sustainability.
- Institute's Nature Club organizes tree plantation event from time to time.
- Institute Hostel uses Solar water heater system as a renewable energy source.
- Institute students have developed a Solar vehicle which has been exhibited in various national competitions.
- Mechanical Engineering Department students have developed environment supportive projects using alternative energy resources i.e. Biodiesel, Solar, etc.
- In the curriculum the following courses are offered which are related to these issues.

Course Code	Course Name	Program Name	Objective of Course
FEC106	Environmental Studies	All	To create environmental awareness among the students concerning various environmental issues.

FEC203	Applied Chemistry-II (Topic- Green Chemistry)	All	To provide the necessary background in Applied Chemistry relevant to chemical industries
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**Human Values:**

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

- Maitri Sangh of the Institute organizes Blood Donation Camp every year on the occasion of the birthday of Honorable Founder, Sindhudurg Shikshan Prasarak Mandal, Kanakvli, Sindhudurg.
- The visit to Vrudhashram (old age home) is arranged to realize the issues of the senior citizens who are staying there.
- The Manthan Club of the institute arranges seminars on health awareness and how to handle patient before reaching to the hospital in different situations. It also organizes events related to spirituality.

**Professional Ethics:**

- To inculcate professional ethics and managerial skills among the students, various events are organized by the Institute.
- To create awareness regarding rules of Electric Safety students and staff participate in rallies organized by Maharashtra State Electricity Distribution Company Limited (MSEDCL) Kankavali.
- In the curriculum the following courses have been prescribed in the curriculum by affiliated university related to professional ethics.

Course Code	Course Name	Program Name	Objective of Course
FEC206	Communication Skills	All	To guide and teach the students to utilize the principles of professional business and technical writing for effective communication in the global world
CSL505, EEL501, ECL503	Business Communication and Ethics	Computer, Electrical, Electronics and Telecommunication Engineering	To inculcate professional and ethical attitude at the workplace

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

### 1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years

**Response: 3**

#### 1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 3

File Description	Document
Details of the value-added courses imparting transferable and life skills	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 1.3.3 Percentage of students undertaking field projects / internships

**Response: 15.28**

#### 1.3.3.1 Number of students undertaking field projects or internships

Response: 129

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

## 1.4 Feedback System

### 1.4.1 Structured feedback received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni and 5) Parents for design and review of syllabus-Semester wise/ year-wise

**A. Any 4 of the above**

**B. Any 3 of the above**

**C. Any 2 of the above**

**D. Any 1 of the above**

**Response:** A.Any 4 of the above

File Description	Document
Any additional information	<a href="#">View Document</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View Document</a>
URL for stakeholder feedback report	<a href="#">View Document</a>

**1.4.2 Feedback processes of the institution may be classified as follows:**

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

**B. Feedback collected, analysed and action has been taken**

**C. Feedback collected and analysed**

**D. Feedback collected**

**Response:** C. Feedback collected and analysed

File Description	Document
Any additional information	<a href="#">View Document</a>
URL for feedback report	<a href="#">View Document</a>

## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1 Average percentage of students from other States and Countries during the last five years

**Response:** 0.58

##### 2.1.1.1 Number of students from other states and countries year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
04	08	07	08	04

#### File Description

#### Document

List of students (other states and countries)

[View Document](#)

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

#### 2.1.2 Average Enrollment percentage (Average of last five years)

**Response:** 89.44

##### 2.1.2.1 Number of students admitted year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
212	204	222	356	297

##### 2.1.2.2 Number of sanctioned seats year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
240	240	240	360	360

#### File Description

#### Document

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

**2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years****Response:** 54.44

2.1.3.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
35	32	57	84	120

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

**2.2 Catering to Student Diversity****2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners****Response:**

Our institute is located at remote place and students admitted to First Year Engineering are from rural background. As per levels of learning of students institute categorize them into Slow and Advanced learners after admission on the basis of their CET scores and previous examination performance in PCM subjects. In the beginning of the semester orientation program conducted, which covers prerequisites of various subjects of First Year Engineering. After identifying slow learners every concerned subject teacher pays individual attention towards these types of students during theory lectures and practical /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' during institute national level annual technical festival 'VIRTUOSIC'. Advanced learners further motivated to appear for online courses conducted by IIT (NPTEL) etc. Students are encouraged to take over many more projects which give them exposure to corporate or business house. The institute encourages students to publish their creative output in the Institute magazine published annually.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

**2.2.2 Student - Full time teacher ratio****Response:** 16.23

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

**2.2.3 Percentage of differently abled students (Divyangjan) on rolls****Response:** 0**2.2.3.1 Number of differently abled students on rolls**

File Description	Document
List of students(differently abled)	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Any other document submitted by the Institution to a Government agency giving this information	<a href="#">View Document</a>

**2.3 Teaching- Learning Process****2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences****Response:****A) Experimental Learning:**

- The institute focuses on imparting technical knowledge which enhances critical thinking and gives scope for creative imagination among students so that they become technically competent to face real life challenges. Practical knowledge is imparted to the students by hands on laboratory experiments. Also they apply their knowledge to develop Mini Projects and Final Year Projects.
- The institute has purchased various softwares like Visual Studio, SQL Server and JAVA for the Computer Science and Engineering department, MATLAB and PROTEUS for Electronics and Telecommunication department, AUTOCAD, CATIA, ANSYS, INVETOR for Mechanical and ETAP for Electrical Engineering, and Plagiarism Checker X for plagiarism checking. The students are motivated to use open source softwares like LATEX, PYTHON, SCILAB, XAMP, UBUNTU Operating System etc. These softwares are considered as rich resources for the students for experimental learning.

**B) Participative learning:**

- The institute is a remote centre of E outreach program (Remote Center ID 1398). It is a MHRD initiative to enhance teaching learning activity.
- Students publish and present technical papers at various national and international level journals and conferences.
- To imbibe leadership qualities students organize and participate in events like national level technical festival 'Virtuosic' and 'Evolution'.
- Students also participate in the spoken tutorial courses.
- Students are encouraged to participate and arrange in social activities such as SHIVAJAYANTI.
- Students participate in sports competitions to exhibit talent in variety of games to foster spirit of togetherness and leadership.
- The institute promotes different technical activities under different departmental student associations like CSA, TRDC, EESA and MESA.

**C) Problem Solving Methodologies:**

- Students are also encouraged to intern during academic semesters to provide exposure to real time problems. The faculty encourages as well as provides students with opportunities to intern with the industry. This helps them to gain firsthand experience of the environment in which they further want to pursue their career.
- Students participate in national level project exhibitions, technical festivals and present their project and research work.
- Students from all departments are working on advanced aspects of new automobile projects, interdisciplinary projects, advanced automotive technologies which include hybrid and new technologies.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

**2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.****Response:** 78.85**2.3.2.1 Number of teachers using ICT****Response:** 41

File Description	Document
List of teachers (using ICT for teaching)	<a href="#">View Document</a>
Provide link for webpage describing the " LMS/ Academic management system"	<a href="#">View Document</a>



**2.3.3 Ratio of students to mentor for academic and stress related issues****Response:** 20.59**2.3.3.1 Number of mentors****Response:** 41

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

**2.3.4 Innovation and creativity in teaching-learning****Response:**

The institute encourages faculty to bring innovation and creativity in/outside the classroom. Faculties motivated and supported actively to participate in number of ICT based training programs, organized by the institute, as a remote center, in association with IITB along with NPTEL courses. It motivate them towards use of varied teaching learning methodologies including ICT based such as – multimedia, videos and simulations as applicable.

The institute encourages students to participate in NPTEL courses. Faculty members conduct MCQs to test technical knowledge of students. Students show their creativity by using different techniques of animation and simulation.

Faculty impart innovative and creative ideas with the help of video lectures and presentations. Faculty and students take help of social media and android applications to communicate among themselves.

Students explore and exhibit their knowledge by implementing their projects. Project/poster making competitions are organized by the institute to nurture creativity among students. In order to promote research culture, all project groups are encouraged to present /publish research papers based on final year projects.

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

**2.4 Teacher Profile and Quality****2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years****Response:** 80.91

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	<a href="#">View Document</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

**Response:** 2.63

##### 2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
03	02	01	01	01

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 2.4.3 Teaching experience per full time teacher in number of years

**Response:** 11.15

##### 2.4.3.1 Total experience of full-time teachers

Response: 580

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

#### 2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

**Response:** 0

##### 2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
00	00	00	00	00

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of award letters (scanned or soft copy)	<a href="#">View Document</a>

#### 2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

**Response:** 4.28

##### 2.4.5.1 Number of full time teachers from other states year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
01	04	05	03	05

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 2.5 Evaluation Process and Reforms

### 2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

**Response:**

Sindhudurg Shikshan Prasarak Mandal's College Of Engineering, Kankavli is affiliated to the University of Mumbai, Mumbai and adheres to the syllabus prescribed by it.

- As per the curriculum prescribed by the university course outcomes for each module are defined, mapping of COs –POs is done and the learning levels expected to be achieved by students during each module are decided using Bloom's taxonomy. The detailed lesson plan is prepared accordingly. Course – wise percentage attainment of outcomes is calculated on the basis of the Internal Assessment (IA) exams Unit Test I & II, term work, student's feedback, course exit survey and end semester result. Two internal assessment tests are conducted in a semester for each course.
- Every experiment/ assignment/tutorial is evaluated according to the Rubrics defined. Every

experiment/ assignment/tutorial is assessed for 10 marks. Experiment evaluation is further divided into four parts viz Performance for 04 marks, presentation for 02 marks, demonstrated knowledge for 02 Marks and 02 marks for experiment completeness. Assignment/tutorial evaluation is further divided into three parts viz presentation for 02 marks, demonstrated knowledge for 05 Marks and 03 marks for assignment/tutorial completeness. The results of the evaluation are immediately made available to the students.

- Departments conduct IA exams twice in a semester with a uniform pattern of question papers, COs and expected learning levels are communicated to the students through IA question papers. Answer sheets of IA tests are corrected within one week and performance is discussed with the students. Any issue related to the assessment is rectified and reflected in marks as applicable after discussion with HOD.
- Project-based learning is promoted by the institute, as a part of which the process of preliminary preparation of project work under the guidance of faculty members begins during the sixth semester for final year students and mini projects from fourth semester. Projects are assessed by a panel of teachers based upon rubrics developed. Program exit surveys are conducted to obtain students' feedback about the attainment of program outcomes.
- Student knowledge is assessed through term work as per the guidelines defined by university.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

### 2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

#### Response:

Institute considers following heads for internal assessment:

IA Head	Frequency	Details
1. Internal Assessment Tests (Unit Test1 &Unit Test 2)	Twice in semester	Unit Test 1 after completion of 40% syllabus  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.
- The exams are conducted as per guidelines prescribed by the university. They are monitored by

invigilators who maintain the code and conduct of an examination hall. All students are given a similar examination atmosphere and conditions.

- Once the examinations are conducted, the answer scripts of students are evaluated by faculty members. This evaluation is done as per guidelines and scheme of evaluation. The teachers maintain impartiality and fairness.
- Once the papers have been evaluated, they are distributed back to the students by the teachers. The faculty is to discuss the entire length of the question paper and their subsequent correct answers. This helps the student understand their mistakes and note down the correction. Thus the students are allowed to assess their own work and any modifications to the marks are reflected. Suggestions are given to the students who need to improve and the ones who performed well are appreciated. Papers are collected back and preserved with department.
- The feedback on their performance helps the student to perform better next time. Finalized marks are verified by the teachers and students before displaying on the notice boards of respective departments. Therefore, the process of continuous internal assessment is carried out with complete transparency.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

### 2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient

#### Response:

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

After declaration of University Exam results, the failed students approach to examination section for their grievances. Grievances concerning to semester 3,4,5,6 are handled by examination section at the Institute level while grievances related to semester 1,2,7,8 examination are forwarded to university of Mumbai examination cell. The procedure for Revaluation and photocopy is carried out by examination section as per notifications by Mumbai University. The grievances from students of SE, TE after photocopy are taken from students by giving them time limit as per the University guidelines and their problems are resolved by examination section. At the same time grievances of FE and BE are sent to Mumbai University. This procedure of revaluation and photocopy is done under university circular VCD/4636 and VCD/4637.

For the Internal assessment, once the answer sheets have been evaluated, they are distributed back to the students by the subject teacher. The faculty is to discuss the entire length of the question paper and their subsequent correct answers. This helps the student to understand their mistakes and if there is any correction in the given marks, internal examiner makes correction in the marks accordingly. If the query is not solved by subject teacher then student can approach to the HOD. The marks of internal assessment are submitted to exam section by concerned department.

Oral/practical examinations are conducted as per the guidelines of University of Mumbai by a pair of

Internal and external examiners approved by university. Marks are awarded to the students on the basis of oral/practical performance.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

#### 2.5.4 The institution adheres to the academic calendar for the conduct of CIE

##### Response:

- Academic calendar is prepared by institute before the commencement of each semester as per the guidelines of university.
- The institution ensures effective time management and timeliness. It receives the university given timeline and adheres to it.
- Every academic year consists of two semesters. Each semester is to be of 14 weeks. Every teacher follows a strict agenda that is discussed and approved by the head of their respective department.
- This is followed by deducing a day-to-day division of topics and chapters. These topics and chapters are chosen keeping the upcoming CIE in mind.
- The timeline created allows the teachers to complete the given syllabus in enough time.
- Students get adequate time before the examinations to prepare and practice their concepts. In case of any required change, the university communicates the modification to the college and the college enforces the same.
- In any condition, the academic calendar is followed and respected by teachers of all departments. First we follow the university schedule. Plan out for the college events. Consideration of the government as well as collector declared holidays.
- After considering above points academic calendar incharge prepares tentative academic calendar and is discussed in the various committee meetings. By considering the suggestions given, final academic calendar is prepared and displayed to all.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

## 2.6 Student Performance and Learning Outcomes

**2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students**

##### Response:

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



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

A. The direct method consists of the following tools

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

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

B. The indirect method consists of the following tools

1. Course Exit Survey – Course Exit survey is taken by every teacher for the subjects taught. The focus is on CO attainment by various activities conducted by the teacher for the subject.
2. Program Exit Survey – Taken at department level by HOD at the end of eighth semester of the Engineering Program, focused on Program Outcomes and its attainment.

Course coordinators are informed about POs attainment when the process is complete for the given academic year. The institute takes the cognizance of the attainment levels and issues the guidelines for sustaining or improving the performance.

File Description	Document
COs for all courses (exemplars from Glossary)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

**Attainment:-** Direct & indirect assessment methods are used to evaluate the attainment levels of COs for each course.

Attainment levels are defined as level 1,2,3

For program outcomes (PO's)

CO Attainment Method	Attainment Level		
	1	2	3
University Examination	40% student scoring more than class average marks in the final examination	50% student scoring more than class average marks in the final examination	60% student scoring more than class average marks in the final examination
Internal Assessment	40% students score more than class average in the internal assessment	50% students score more than class average in the internal assessment	60% students score more than class average 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	Document
Link for Additional Information	<a href="#">View Document</a>

### 2.6.3 Average pass percentage of Students

**Response:** 95.61

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 305

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Response: 319

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

## 2.7 Student Satisfaction Survey

**2.7.1 Online student satisfaction survey regarding teaching learning process**

**Response:** 3.57

## Criterion 3 - Research, Innovations and Extension

### 3.1 Resource Mobilization for Research

**3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)**

**Response:** 4.08

3.1.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
1.53	0	1.75	0.40	0.40

File Description	Document
List of project and grant details	<a href="#">View Document</a>
e-copies of the grant award letters for research projects sponsored by non-government	<a href="#">View Document</a>

**3.1.2 Number of research projects per teacher funded, by government and non-government agencies, during the last five year**

**Response:** 0

3.1.2.1 Number of research projects funded by government and non-government agencies during the last five years

3.1.2.2 Number of full time teachers worked in the institution during the last 5 years

**Response:** 60

### 3.2 Innovation Ecosystem

**3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge**

**Response:**

Institute has separate R&D cell, the Principal is the chairman, and senior faculties are members of the cell. The research and development activities have been coordinated by R & D cell under the guidance of chairman.

Following research and development funding policies are framed by the cell.

### 1. Policies for students :

- Financial support to participate in car event like Mahindra Baja, Go cart, Electrical Solar Vehicle Champenship(ESVC),All Terrain Vehicle(ATV) etc..
- Separate budget is provided for seed funding for the best project. The projects are selected based on availability of the fund.
- Financial support: Research papers from each department get reimbursement towards paying registration fees. Preference is given to the UGC listed journal papers and reputed conferences.
- Funds for technical festival: Special fund is provided to arrange national level annual technical festival “Virtuosic” in which prizes for the best project, paper presentation, debate, robotic competition, circuit debugging, science fair, poster presentation, drone, mock test, techno gamming etc. are awarded to students for promoting research culture. Students from various colleges participate actively in “Virtuosic”.

### 2. Policies for faculty:

- Separate budget is provided for best project. The projects are selected based on availability of the fund and technical feasibility of the project.
- Financial support: Research papers from each department get reimbursement towards paying registration fees. Preferences are given to the UGC listed journal papers and reputed conferences.

### 3. R & D cell promote:

Departments organize Short Term Training Program (STTP),FDP, workshops, conferences and seminars in advanced technologies.

- The department organizes a program in collaboration with other departments, institutes or professional organizations.
- Resource persons from various organizations are invited to conduct the program.

Other policies constitute to encourage faculty and students -

- 1.Laboratory facility: The lab facility is extended to faculty and students for testing and measurement.
- 2.Experienced faculties are encouraged to apply and obtain research grants from various Government and non- Government agencies.
- 3.Library facility: An initiative is taken by library to help researchers in understanding recent updates of their publications in terms of citation index, h-index, etc. IEEE, Science direct and Springer online journal has subscribed for students and faculty to review the current research articles. Project Oriented Magazines are also subscribed for Students. Linux digimat operating system has installed on the local server to facilitate NPTEL online courses to provide additional skill development opportunities.
- 4.Faculty members have been sponsored for full time /part time ME/M.Tech and Ph.D studies. Some of the faculty members are pursuing the higher study under quality improvement program of AICTE, New Delhi. Two faculty have completed Ph.D and two faculty have submitted Ph.D thesis.

5. Institute has constituted Intellectual property right cell for organizing workshops and seminars related to patent, project writing, copyright etc.
6. Institute provides incubation center for the interdisciplinary research. Students are encouraged to develop vehicles based on alternative energy sources as a result of which they participate in various national/international competitions related to application of alternative energy
7. Students participate in Avishkar- A Technical Event organized by Mumbai University.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

**Response:** 35

3.2.2.1 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
06	11	06	07	05

File Description	Document
List of workshops/seminars during the last 5 years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 3.3 Research Publications and Awards

**3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research**

**Response:** Yes

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

**3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards**

**Response:** Yes

File Description	Document
e- copies of the letters of awards	<a href="#">View Document</a>

**3.3.3 Number of research papers per teacher in the Journals notified on UGC website during the last five years****Response:** 0.31**3.3.3.1 Number of research papers in the Journals notified on UGC website during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
28	21	26	11	11

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

**3.3.4 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years****Response:** 1.05**3.3.4.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
03	22	11	24	09

File Description	Document
List books and chapters in edited volumes / books published	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.4 Extension Activities

#### 3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

##### Response:

The institute involves the faculty and students in social work. This helps the students to inculcate ethical values, understand their Social responsibilities, and develop as good citizens. The extension activities have briefed as follows:

- Faculty and students actively participate in Swachh Bharat Abhiyan, Environmental day (Tree plantation), Health awareness day in campus and in nearby villages.
- Faculty and students actively participate in “Electric Safety week” conducted by Maharashtra state electricity distribution Co. Ltd (MSEDCL).
- Institute arranges Science Fair every year for high school students from Konkan region. They take part and showcase their science project models. This creates awareness about different social and environmental issues. These models give some solutions to these issues.
- Institute arranges a common entrance test (CET) practice examination named “LakshyaVedh” for 12th science students from Konkan region which is beneficial for both engineering and medical entrance exams.
- Institute arranges Blood donation camp every year in the campus to create social awareness.
- Institute organizes Youth festival, Cultural program and Sports events every year.
- Institute organizes lectures on Personality development, and career guidance every year in nearby schools from Konkan region for counselling of students.
- National level Project exhibition for diploma and degree students, URGE, National level Quiz competition for 11th and 12th science students are organized every year.
- Director of Technical Education (DTE), Maharashtra has approved our institute as a Facility center for admission process.
- Institute provides Incubation center facility to Young researchers and students in the society.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

#### 3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

##### Response: 1

##### 3.4.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
01	00	00	00	00

File Description	Document
Number of awards for extension activities in last 5 years	<a href="#">View Document</a>
e-copy of the award letters	<a href="#">View Document</a>

### 3.4.3 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 last five years

**Response:** 10

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
6	1	2	1	00

File Description	Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

**Response:** 21.54

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
641	87	187	68	0

File Description	Document
Average percentage of students participating in extension activities with Govt. or NGO etc.	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.5 Collaboration

#### 3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

**Response: 119**

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
33	31	50	03	02

File Description	Document
Number of Collaborative activities for research, faculty etc.	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

**Response: 25**

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

2018-19	2017-18	2016-17	2015-16	2014-15
11	07	06	01	00



File Description	Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

NAAC

## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

**4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.**

**Response:**

- The institute has beautiful campus of 30.5 acres with Lush Green Landscape.
- The institute has excellent infrastructure facilities such as ICT enabled classrooms, well equipped laboratories, Workshop, Central Library, Spacious Multipurpose Hall, Seminar Hall, Administrative Offices, Canteen and Hostels, Gymnasium and Swimming Pool etc.
- To create conducive teaching-learning environment, the institute provides adequate facilities for academics.
- The management is devoted towards development and continuous improvement of infrastructure facilities which boost the teaching learning process.
- All departmental Laboratories are well equipped and furnished.
- Each department has a Departmental Library which helps students and faculty during lecture and practical sessions.
- Each department has Tutorial Rooms which are used to conduct tutorials and remedial classes.
- The institute offers high quality i5 Processor computing machines with 190 Mbps dedicated optical link to access high speed internet which is accessible in whole campus.
- Access to NPTEL video lectures and e-journals is made available in the entire campus.
- The institute has separate Boys and Girls hostel with excellent Food facility and 24 hours uninterrupted power supply and Internet.
- Both Hostels have TV rooms and recreational facilities like Swimming Pool and Gymnasium.
- In case of emergencies an Ambulance and Doctor facility is available in campus for 24x 7.
- The institute has Fire Extinguishers in the campus and has emergency exits for calamities like fire and earthquake.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

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

**Response:**

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

**Sports**

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

### Indoor Games

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

### Outdoor Games

- The outdoor games such as Football, Volley ball, Cricket, Athletics, Kho-kho, Kabaddi are held on college ground for physical and mental development of students.
- The Institute provides travelling allowance, boarding allowance and technical support to students who participate in Inter-university, State level and National level cultural, Technical and sports events.

### Cultural Activities

- The institute has Multipurpose Hall with a seating capacity of 800+ nos. Multipurpose hall is equipped with LCD projector, LCD screen, well-furnished interior, good sound system etc.
- For cultural programs an open theatre with seating capacity of more than 2000 audience is available.
- The institute arranges a national level technical festival 'VIRTUOSIC' every year to foster technical and managerial talents in students.
- Institute has hoisted Mumbai university Youth festival twice in last five years.
- Institute organizes annual function 'KHITIJ'/'UTTUNG' every year to provide platform to the students to display hidden talents, team spirit, leadership qualities and organizing ability among students.

### Gymnasium

- A swimming pool and well-equipped gymnasium is provided in the campus with an instructor.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

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

**Response:** 100

##### 4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 13

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	<a href="#">View Document</a>
Link for additional information which is optional	<a href="#">View Document</a>

#### 4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Response: 14.33

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
00	12.56	14.06	52.18	38.76

File Description	Document
Details of budget allocation, excluding salary during the last five years	<a href="#">View Document</a>
Audited utilization statements	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 4.2 Library as a Learning Resource

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

Response:

- The institute has central library completely digitized with TCS software.
- TCS empowers the user to have the online accessibility to check the availability of books in stock and those issued to the individuals.
- The reading room is well furnished to accommodate 80+ students at a time and provides conducive environment for study.
- A visitor's book is maintained separately for students and faculty members.

Description of TCS software is as follows:

**Name of the ILMS software – TCS iON**

**Nature of automation (fully or partially)– Fully****Version– 10.11.00.06****Year of automation– 2015-16**

The library gives access of books through the TCS which includes-

- An inquiry of books through the online index
- Book request
- Book issue and return through the standardized tag based framework (in the library )
- In all 472 Springer e-journals are available and can be accessed in the campus.

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

- Internet and Wi-Fi Facility
- Book bank facility for SC/ST students offers a whole set of all books required to them in every semester
- The books are made available for Divyang understudies at any place in campus.
- All university question papers are available in library.
- NPTEL video lectures are available in library.
- Membership of National Digital Laboratory (NDL)

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

#### 4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

##### Response:

- Central library of the institute was instituted in 1999.
- It started with few gifted books and today it has more than 23,000 books in its collection.
- It has rare collection of books, reports and other knowledge resources.
- The institute has more than 430 volumes of other knowledge resources.
- The available other knowledge resources is tabulated in following manner.

Sr no.	Particulars	Available Nos
1.	Handbooks	143
2.	Encyclopedia	06
3.	Standard	02
4.	General books including Competitive exams books	260
5.	Dictionaries	13
6.	Administrative	06

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

**4.2.3 Does the institution have the following:**

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

**Response:** B. Any 3 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)**

**Response:** 10.87

**4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)**

2018-19	2017-18	2016-17	2015-16	2014-15
00	7.02	18.88	15.06	13.41

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	<a href="#">View Document</a>
Audited statements of accounts	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 4.2.5 Availability of remote access to e-resources of the library

**Response:** Yes

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

#### 4.2.6 Percentage per day usage of library by teachers and students

**Response:** 4.46

4.2.6.1 Average number of teachers and students using library per day over last one year

Response: 40

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

### 4.3 IT Infrastructure

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

**Response:**

- IT related framework is ideally moved up to improve ICT based teaching learning process to keep pace with ongoing advancements in engineering field.
- Each department has ICT equipped classrooms and a shared seminar hall.
- Student-Computer ratio of 1:1 is maintained during practical hours.
- During the academic year 2015-16 high configuration PCs (8GB RAM, i5 processor) have been purchased for the purpose of development of cloud computing laboratory in computer engineering department.
- For fulfilling the requirement of simulation based experimental work, MATLAB software has purchased.
- TCS iON self-service utilization has started from 2016 for smooth conduction of different activities in all departments, office, exam section and account section.
- Library is fully automated with TCS iON self-service software.
- The institute has secured hard disk of NPTEL video lectures for e-learning of students and faculty.

- Internet bandwidth is increased to 150 MBPS in 2018.
- All laboratories and computing facilities are connected to intranet.
- Wi-Fi connectivity is provided in library and canteen since 2018-19.
- For security purpose all PCs in the institute are protected by the antivirus.
- For safety and security of the students and faculties, CCTV cameras are installed at different locations in administrative office and academic areas.

Renewal of AMC is done at the beginning of the academic year for deployed software applications.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

#### 4.3.2 Student - Computer ratio

**Response:** 2.71

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

#### 4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

**>=50 MBPS**

**35-50 MBPS**

**20-35 MBPS**

**5-20 MBPS**

**Response:** >=50 MBPS

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

#### 4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

**Response:** Yes



File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 4.4 Maintenance of Campus Infrastructure

##### 4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

**Response:** 43.74

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
00	95.29	80.97	91.12	89.98

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	<a href="#">View Document</a>
Audited statements of accounts.	<a href="#">View Document</a>

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

**Response:**

- 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	

Pest control	After every 4 months	Preventive
Water tank cleaning		
Fire hydrant system and cylinder		
	OR	
	As per need	
Grass cutting machine	After every 6 months	
Generator		
Invertor batteries		
Terrace cleaning		
Air conditioner Units(through AMC's)		
Water coolers		
	OR	
	As per need	
Painting	Yearly	
Solar system		
Classroom & Laboratory	Daily	
Library		
House keeping		
Electrical appliances	As per need	Breakdown
(Tubes Fans)		
Street light		
Plumbing work		
EPABX system		
Carpentry work		

## 2. IT infrastructure related maintenance

Item Name	Frequency	Type of Maintenance
Wi-Fi modules	After every 2 months	Preventive
	OR As per need	
LCD projectors	After every 4 months	
CCTV cameras	OR As per need	
LAN cables and ports	As per need	Breakdown

- All computers and networking facilities in the institute are under the observation of the Computer Department.
- Full-time supporting staff takes care of maintenance activities under the guidance of maintenance incharge.

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

### 1. Preventive and Routine Maintenance Procedures:

- A timely routine maintenance is carried out for the newly installed as well as old

machines/equipments and the system-related infrastructure, in order to prevent high expenses on breakdown maintenance and features.

- The Head of the concerned department prepares a plan for preventive and routine maintenance on a biannual basis.

## 2. Breakdown Maintenance Procedures:

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

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

#### 5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

**Response:** 67.81

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
700	698	723	764	720

File Description	Document
Upload self attested letter with the list of students sanctioned scholarships	<a href="#">View Document</a>
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

**Response:** 0.42

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
03	03	02	12	04

File Description	Document
Number of students benefited by scholarships and freeships besides government schemes in last 5 years	<a href="#">View Document</a>

**5.1.3 Number of capability enhancement and development schemes –**

1. For competitive examinations
2. Career counselling
3. Soft skill development
4. Remedial coaching
5. Language lab
6. Bridge courses
7. Yoga and meditation
8. Personal Counselling

**A. 7 or more of the above**

**B. Any 6 of the above**

**C. Any 5 of the above**

**D. Any 4 of the above**

**Response:** A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link to Institutional website	<a href="#">View Document</a>

**5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years**

**Response:** 17.21

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
455	134	34	87	106

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

**Response:** 9.05

#### 5.1.5.1 Number of students attending VET year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
136	147	136	13	01

File Description	Document
Details of the students benefited by VET	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

**Response:** Yes

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

## 5.2 Student Progression

### 5.2.1 Average percentage of placement of outgoing students during the last five years

**Response:** 14.66

#### 5.2.1.1 Number of outgoing students placed year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
71	67	44	26	28

File Description	Document
Self attested list of students placed	<a href="#">View Document</a>
Details of student placement during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 5.2.2 Percentage of student progression to higher education (previous graduating batch)

**Response:** 1.05

#### 5.2.2.1 Number of outgoing students progressing to higher education

**Response:** 3

File Description	Document
Upload supporting data for student/alumni	<a href="#">View Document</a>
Details of student progression to higher education	<a href="#">View Document</a>

### 5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

**Response:** 2.17

#### 5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
01	00	04	00	00

#### 5.2.3.2 Number of students who have appeared for the exams year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
33	62	51	00	00

File Description	Document
Upload supporting data for the same	<a href="#">View Document</a>
Number of students qualifying in state/ national/ international level examinations during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 5.3 Student Participation and Activities

#### 5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national / international level (award for a team event should be counted as one) during the last five years.

**Response:** 0

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

2018-19	2017-18	2016-17	2015-16	2014-15
00	00	00	00	00

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

**Response:**

The Secretary of Sindhudurg Shikshan Prasarak Mandal College Of Engineering Honorable Shri. Niteshaji Narayanrao Rane inspired us to form student council and it has been formed as per the provisions of Mumbai University according to section 40(2) (b) of the Maharashtra Universities Act, 1994 to conduct



various activities. The student council consists of boys and girls representative from each class from first year to final year. Every year these representatives are selected from each class either by nomination or by election.

The institute has an active Student Council, Students Chapters and Student Associations. The Institute also promotes participation of students on academic and administrative bodies.

In the month of January every year, the members of student council body elects the Student Secretary. The class representatives of final year are eligible for contesting the post of Students Secretary. The Student Secretary represents the college in university meetings related to sports, cultural activities and other programs organized by the Mumbai University.

An active Student Council comprises Cultural, Technical and Sports events/ activities.

Every year, minimum two meetings held between Dean Student Activities and Welfare and student Council members, where various matters related to Studies, Sports, Cultural activities, participation in various inter collegiate programs, grievances of students, and matters related to administrative work are discussed.

Student council arranges and takes active participation in “virtuosic” technical event and provides guidance to other students from the institute and outside students. Arranges competition like debate, soft skill development task, fun games and greenery projects.

The student council helps other students to come forward to discuss the issues related to department, institute and personal problems, if any.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

**Response: 21**

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
21	21	21	21	21

File Description	Document
Report of the event	<a href="#">View Document</a>
Number of sports and cultural activities / competitions organised per year	<a href="#">View Document</a>

## 5.4 Alumni Engagement

### 5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

#### Response:

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

Alumni contributes their valuable time to conduct seminar for college students by sharing their industrial and entrepreneurship knowledge and experience instead of funding college in terms of money. Every year they motivate the students for personality development for facing the interview, guide them to survive in the global world with some motivational sessions. Alumni visited institute and provide their valuable guidelines to our students. Our students interact positively with alumni and establish rapport.

The alumni have their representation in IQAC and College Development Cell (CDC).

The development of the institute has been continuously going on by contribution of alumni through non-financial means. The nonfinancial means through which alumni contributes the institute are as follows:

- Alumni meet: In the alumni meet students meet with the faculty and discuss their achievements and suggest improvement in college facilities.
- Guest lecture: Helping the institute for making available the Guest lecturers for the academic and industry oriented development of the students.
- Placements: Our alumni is in contact with college to provide placement opportunities to the students. They also assist to place our students in their company.
- Career Guidance – The guidance of Alumni is always beneficial to SSPM students and other fellow-alumni in their respective domain. Our Alumni is actively involved in career guidance and train our students for skill development required in industrial jobs.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

**5.4.2 Alumni contribution during the last five years(INR in Lakhs)****? 5 Lakhs****4 Lakhs - 5 Lakhs****3 Lakhs - 4 Lakhs****1 Lakh - 3 Lakhs****Response: <1 Lakh**

File Description	Document
Alumni association audited statements	<a href="#">View Document</a>

**5.4.3 Number of Alumni Association / Chapters meetings held during the last five years****Response: 2****5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
01	01	00	00	00

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years.	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

#### 6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution

##### Response:

##### Vision:

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

##### Mission:

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

Sindhudurg Shikshan Prasarak Mandal's College of Engineering, Kankavli was established by Shri. Narayan Rane, to bring Konkan region on the global platform by creating engineers, scientists from Konkan region to project the Konkan as heaven on the earth. Sindhudurg Shikshan Prasarak Mandal's College of Engineering is the first Engineering degree college in Sindhudurg district of Maharashtra started in the year 1999 by Sindhudurg Shikshan Prasarak Mandal, Kankavli. Sindhudurg Shikshan Prasarak Mandal's College of Engineering is entering in its twenty first year of degree course in this academic year. The institute started with undergraduate courses in three engineering disciplines with a total intake of 180 and total staff strength of 16. Now it offers undergraduate courses in four disciplines. The institute has seen a phenomenal growth in student's strength from meager 180 to 1500. The total staff strength has grown manifold from 16 in 1999 to 50 plus today.

Institute offers qualitative teaching of engineering subjects, conduct experiments in laboratories in such a way to enhance competence among budding engineers and develop research culture to meet the challenges of global world.

Every year a number of students are placed in industries through campus interviews organized by Training & Placement Cell of institute. Helping students their talents, the institute truly seeks to make 'winners' with all round development. Rigorous placement activities are conducted every year like campus interviews for final year students, summer industrial training, seminars, workshops & lectures by experts for competitive exams & higher studies.

Two hostels are located at college campus for boys and girls. Canteen facility is available within Hostel premises, RO purifier water cooler, generator backup, TV room for entertainment, gymnasium facility, swimming pool, hot water facility, Newspapers, indoor and outdoor games, housekeeper for cleanliness, 24 by 7 ambulance service available, 24 by 7 Security Guards, ATM Centre at institute premises, transport facilities are available to cater the needs of students.

The Institute's mission is to produce competent and responsible engineers to face challenges in field of engineering. The Institute follows mode of learning continuously for faculty and students to accommodate the skills and impart knowledge of the highest standards. The Institute conducts a wide range of academic programs under various departments. Apart from regular conduction of theory and practical classes from our eminent and professional faculty, Institute also conducts special lectures, application oriented workshops, and hands on training programs for our students.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 6.1.2 The institution practices decentralization and participative management

#### Response:

#### • Participative Management

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

**1. Strategic Level :** The Principal and staff members are involved in defining the policies/procedures, framing guidelines and rules/regulations pertaining to admission, placement, discipline, grievance, counseling, training & development, and library services etc., and effectively implementing the same to ensure smooth and systematic functioning of the institute.

For the various programs to be conducted by the institute staff members meet, discuss, share their opinion and plan for the event and form various committees involving students. Staff members are also involved in deciding academic activities and examinations to be conducted in institute.

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

#### 3. Operational level

The Principal of the institution is responsible for academic, nonacademic and administrative activities of the institution.

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

quality standards.

- **Decentralization**

Institute has a mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance system.

**1. Principal Level :** The Governing Body delegates all the academic and operational decisions based on policy to the Central Development Committee ( CDC ) headed by the Principal in order to fulfill the vision and mission of the institute. CDC formulates common working procedures and entrusts the implementation with the faculty members.

**2. Faculty Level :** Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skills by being in charge of various academic, co-curricular, and extracurricular activities. They are given authority to conduct industrial tours and to have tie-up with industry experts and appointed as coordinator and convener for organizing seminars/workshops/conferences/FDPs. Other parts of the institute like sports, library, etc. have operational autonomy under the guidance of the various committees.

**3. Administrative Level :** Non-academic and Administrative activities of the institution are conducted at Administrative level. Administrative staff are responsible for the maintenance and supervision of the institution and separate from the faculty or academics, although some personnel may have joint responsibilities. They do maintenance of official records , maintenance and audit of financial flows and records etc.

**4. Student Level :** Students are empowered to play an active role as a coordinator of students associations, co-curricular, extracurricular activities.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

## 6.2 Strategy Development and Deployment

### 6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

**Response:**

Strategic plans are as follows:-

Provision for faculty development.

Faculty are attending various faculty development programs for domain knowledge and for new trends in education technology/pedagogy which make their teaching more innovative. Incentives are given to faculty

for publishing, getting sponsored research projects and patents.

1. To encourage faculty for upgrading their qualification and skills.

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

2. To develop excellent infrastructure facilities for healthy atmosphere with decent discipline.

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

3. To provide eco-friendly campus.

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

4. Implementation of e-governance in institute (TCS software).

- TCS software is a ERP software. It has allowed our organization to use the application to manage our academic activities online. In an institute all major tasks related to teaching learning, academic/administration planning, implementation and analysis of variety of tasks are being carried out by TCS software. Institute started using TCS software in its day to day academic and administrative activities.

5. To initiate Research and Development (R & D) center.

- Institute has resolved to promote research among the faculties and students. The IQAC has put the emphasis the establishment of the common facility center for research especially for research scholars

6. Aim of initiating Research and Development (R & D) center:

- To promote research among students and faculties
- To avail sophisticated instrumentation for research
- To increase quality of research work
- To nurture research attitude among the students and faculty
- To increase the extent of applied research
- To collaborate with leading overseas institutes/universities.

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



8. To create environment for industry interactions.

9. Institute enhancing relations with industry to create environment for industry interactions.

File Description	Document
Any additional information	<a href="#">View Document</a>
Strategic Plan and deployment documents on the website	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

#### Response:

**Organizational Structure :** For smooth functioning of administrative and academic processes, Sindhudurg Shikshan Prasarak Mandal's College of Engineering has well established organizational structure. Various bodies are formulated which constitutes the organization chart. The governing body is the highest decision making body constituting members of the management, Principal and nominated faculty members. College Development Committee includes representatives of members of society, Principal, members elected from teaching faculty and a member of non-teaching staff.

The constituents of the organization structure are as follows:

Principal, Heads of the Departments, sectional heads and co-coordinators of various committees have adequate participation in making decisions in academic and administrative processes.

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



8. Office Superintendent

9. Hostel Rector

Governing Body:-

**Service rules, procedures, recruitment, and promotional policies:**

- The rules and policies regarding recruitment and promotion are as per AICTE and Mumbai University norms.
- The AICTE pay scales are implemented.
- Additional increments are given to staff members who excel in academics and research.

**Recruitment Procedure:**

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

**The mechanism and composition grievance redressal system:**

The institute has a grievance redressal mechanism and system in place. Decentralized functioning being quite effectively practiced, the redressal of majority of the grievances is eventually taken care by respective department and the faculty. A few common grievances are dealt with at the level of the Vice-Principals. To take care of any major grievance a central grievances Redressal committee is constituted. To address the women's complaints, women's grievances Redressal committee is in place. The issues of hostel students are considered by an anti-ragging committee. Moreover suggestions box has been kept for the students. The compositions of different grievance Redressal committees are given below.

**Central Grievances Redressal Committee:**

Sr. No.	Name	Designation
1	Dr. Subhash Atmarao Deo (Retd.)	Chairman
2	Dr. Aneesh C. Gangal, Principal	Member
3	Mr. Sagar S. Saikar, Registrar	Member
4	Prof. Raosaheb D. Thombare, Vice Principal	Member
5	Prof. Darshan D. Mhapsekar, HoD, Computer Engg. Dept.	Member
6	Prof. Shripad S. Veling, HoD, Electronics & Telecomm. Engg. Dept.	Member
7	Prof. S. V. Vanjari, HOD, Mechanical Engg. Dept.	Member
8	Prof. S. M. Waigankar, HoD,	Member

Electrical Engg. Dept.	
<b>File Description</b>	<b>Document</b>
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 6.2.3 Implementation of e-governance in areas of operation

- 1.Planning and Development
- 2.Administration
- 3.Finance and Accounts
- 4.Student Admission and Support
- 5.Examination

- A. All 5 of the above
- B. Any 4 of the above
- C. Any 3 of the above
- D. Any 2 of the above

**Response:** A. All 5 of the above

<b>File Description</b>	<b>Document</b>
Screen shots of user interfaces	<a href="#">View Document</a>
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	<a href="#">View Document</a>

### 6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

**Response:**

Institute has various committees like

- Hostel committee
- Anti ragging committee
- Student council committee
- Women's Development Committee

Some of the committees are as follows:

**Women's Development Committee:**

Sr. No.	Name	Designation
1	Mrs. Prajakta. S. Rane (President)	Asst. Prof. Computer Engg. Dept
2	Mr. Raosaheb Thombare	Associate. Prof. Electronics Telecomm. Engg. Dept.
3	Prof. S.B. Kadam	Asst. Prof. Computer Engg. Dept
4	Mr. Dilip Y. Khanolkar	Office Supritendent
5	Mrs. Hemanta T. Mithabavnrkar (Member Secretary)	Head Clerk
6	Ms. Pooja Salvi	Student
7	Ms. Shreya V. Hule	Lecturer Electrical Engg. Dept.
8	Ms. Darshana M. More	Lab Assistant Computer Engg. Dept.
9	Dr. Yuvraj Kaginkar	NGO

**Anti Ragging Committee:**

Sr. No.	Name	Designation	Associated with
1	Dr. Aneesh C. Gangal	Principal	Head of Institution
2	Mr. Jambhaji Bhosale	API Kankavli	Representative of Civil and Police Administration
3	Mr. Santosh V. Wayangankar	Resident Editor Dainik Prahar, kankavli	Local Media
4	Mr. Sameer M. Waingankar	H. O. D. Electrical Engg. Dept.	Representative of Faculty members
5	Mr. Sajeed S. Mulla	Associate Prof. E & TC. Engg. Dept.	Representative of Faculty members
6	Mr. Ganapt G. Sawant		Representative of Parents
7	Mr. Tanmay Hemant Parulekar		Representative of Senior student
8	Mr. Rakesh Parab		Representative of Non-Government Organization
9	Mr. Vijay Pradip Rawal		Representative of fresher student
10	Mrs. Prajakta S. Rane	Asst. Prof. Computer Engg. Dept	Representative of Faculty members
11	Mr. Pralhad Satvilkar	Sr. Accountant	Representative of Non Teaching Staff
12	Mr. Santosh S. Parab	Accountant	Representative of Non Teaching Staff

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

## 6.3 Faculty Empowerment Strategies

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

#### Response:

- **Provident Fund**

The institution has following welfare measures for teaching and non-teaching staff. Provident Fund - 100% employees including contract security staff are covered under Employee Provident Fund Scheme. Regular contribution of Employer and Employees is transferred to PF A/c through online mode of every month end.

- **Gurukul Scheme with Bank of India**

All Teaching and Non-Teaching staff of school/colleges/universities and all such educational institutes are eligible to open account under the scheme provided a minimum 10 employees and each employee having minimum take home salary of Rs. 5000/- p.m. and above can join the scheme.

Institute. Institute in collaboration with Bank gives 50% concession in processing charges on Home Loan, Auto loan & Personal Loan.

Bank provides 0.25% concession in ROI on Home Loan and Auto Loan subject to min Base rate.

- **Maternity Leave**

The institute provides full pay maternity leave to all female employees for their first two children.

- Financial Assistance inclusive of Travelling Reimbursement, Registration Fees of Rs. 10,000/- per faculty per financial year is provided for Paper Publication/ Research/Seminars/Workshops.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

### 6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

**Response: 8.32**

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

2018-19	2017-18	2016-17	2015-16	2014-15
00	13	09	00	06

File Description	Document
Details of teachers provided with financial support to attend conferences, workshops etc. during the last five years	<a href="#">View Document</a>

**6.3.3 Average number of professional development / administrative training programs organized by the institution for teaching and non teaching staff during the last five years**

**Response: 0.2**

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
00	00	00	01	00

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	<a href="#">View Document</a>

**6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years**

**Response: 2.21**

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
0	2	1	1	4

File Description	Document
Details of teachers attending professional development programs during the last five years	<a href="#">View Document</a>

### 6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

#### Response:

The institute has **Performance based appraisal system** is conducted as follows:

The process of appraisal is annually carried out where all HOD's collect self-appraisal reports from all the faculty. These reports are then closely checked by respective HOD and confidential report is generated. This confidential report is sent to Principal. Self Appraisal given by each Faculty consists of the details of work, contribution and achievements in the concerned academic year.

- **For Teaching Staff:** Performance Based Appraisal System of University of Mumbai is followed.

#### Category I: Teaching learning and evaluation related activities. (API Score 125)

- Student feedback
- Result analysis
- Course file
- Use of innovative teaching- learning methodologies
- Practical / oral
- Examination Related Work

#### Category II: Co-curricular, Extension and Professional Development Related Activities. (API Score 50)

- NSS/NCC
- Extension Activity
- Academic and Administrative Responsibilities.
- STTP

#### Category III: Research and Publication. (API Score 75)

- Seminar
- Conference
- Journal
- Research Work

**Minimum Score Guidelines**

Professor : 175/250

Associate Professor : 125/250

Assistant Professor : 100/250

**For Non Teaching:**

- Overall output and commitment towards work is judged and appraisal is provided.

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

**6.4 Financial Management and Resource Mobilization****6.4.1 Institution conducts internal and external financial audits regularly****Response:**

The institute has its internal and external audit procedure for accounts department. We have our own internal audit procedure where internal audit is an ongoing quarterly process in addition to the external auditors to verify and certify the entire Receipt and Payment, Income and Expenditure and Balance Sheet of the Institute each year.

Qualified Internal Auditors from external resources is permanently appointed to do a thorough check and verification of all vouchers of the transactions that are carried out in each financial year.

Likewise an external audit is also carried out on an elaborate way on yearly basis. The institutional accounts are audited regularly by both Internal and statutory audits. So far there have been no major objections from internal / external Auditors. Minor errors of omissions and commissions when pointed out by the Auditors are immediately corrected / rectified and precautionary steps are taken to avoid recurrence of such errors in future. The institute regularly follows Internal & external financial audit mechanism.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

**6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs)**



**Response: 0**

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year-wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

**6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources****Response:**

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

Efficient and effective utilization of available funds for the development of infrastructure and academic expenses is well monitored by Trustee & Committees with the help of budgetary control as follows.

Principal prepares Institutional budget every year with the help of Head of the Departments taking into consideration recurring and non recurring expenditure as per the requirements of syllabus.

All the Head of Departments are requested to submit the budget for the subsequent financial year. Along with this coordinators of various cells like Training and placement, Research and development are instructed to submit their budget to Principal.

All the major financial decisions are taken by the Institute's Local Managing Committee (LMC/CDC) and Governing Body.

Daily expenses and urgent requirements up to Rs. 1 lakh are sanctioned by Registrar and Principal.

Major financial transactions (i.e. above Rs.1 lakh) are verified and sanctioned by the CDC and Director of Trust as per the Budget heads of every year.

After getting final approval to the Budget, Purchase committee / Head of the Department calls quotations and comparative statement is prepared by the department. Comparative statement is verified with the quotations by Scrutiny officer of Trust. Accordingly negotiations are done by Principal and purchase order is placed in standard format.

Payments are released as per the terms and conditions finalized at the time of negotiations and purchase order, and after verification of specification and working condition of material/equipment by respective faculty member.

Payment vouchers are prepared and cash/cheque is drawn/ paid after getting the required documents i.e.

requirement of department for material, 3 quotations & comparative statement with budget stamp and signature of higher authorities, purchase order, Invoice.

The entire process of procurement of material is monitored by the purchase committee storekeeper and Principal at the Institute level and Registrar & Accounts department at the corporate office level.

For maximum utilization of limited resources Institute invites minimum 3 quotations for every purchase and negotiates directly to the suppliers for lower the cost of purchase. Also most of the maintenance job is performed by our workshop and department staff to avoid outsourcing expenditure. Furniture like benches, noticeboards and other required furniture is fabricated in the institute itself.

Audit is conducted by the Chartered Accountant every financial year to verify all the compliance.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

## 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

#### Response:

The Institute's IQAC is functional and contributes to the quality culture on the campus. The IQAC undertakes quality sustenance and quality enhancement measures. The college has a well-established IQAC which is instrumental as apart of all developmental decisions of the college including infrastructural and academic development.

The IQAC frames a schedule of meetings at the beginning of the session with different departments to assess their progress on monthly basis.

In the scheduled meetings the departments are accessed for their academic progress, attendance records, quantum of syllabi completed, tutorials, assignments and student's presentation, etc.

The departments are also assessed for their infrastructural needs.

#### Academic audit:

An Academic Audit Framework (AAF) has designed by the institute. The institute has decided to perform AA of every department in each year.

The process followed is as follows:

1. The Principal initiates the process by formulating Academic Audit Committee (AAC) in consultation with the heads of all departments.

2. AAC calls for Academic Audit Report (AAR) in prescribed format from departments and conducts an academic audit of all departments.
3. AAC generates Cumulative Grade Point Average (CGPA) for the department and assigns a grade on the basis of CGPA.
4. AAC prepares and submits the detailed report to the Principal through head of the departments which is put up in IQAC meeting for discussion and proposing necessary action.
5. The outcome of the entire AA process is circulated among all departments for necessary action so as to enhance the quality of teaching-learning and research.

### **Training and Placement Cell:**

The institute has a Training and Placement Cell . The Training and Placement Cell organizes various activities of students for the training and placement.

It has resulted in an increase in the placement of the institute.

### **Mentoring:**

The institute has Mentoring system for personal counseling and resolving academic and other stress related issues of the students.

Full-time teachers of the institute have been appointed as Mentors from every department. Allotment of Mentors and Mentees is done by the respective department. Every Mentor conducts three meetings with allotted Mentees/students during each semester. Mentors personally guide allotted students during the meeting and suggestions from the students are taken into account.

The main objective of Mentoring system is to resolve academic issues of the students and other stress related issues to create conducive teaching-learning environment. At the end of the meeting, a report is prepared to take necessary action/corrective measures.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### **6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms**

#### **Response:**

The institute follows Outcome-Based Education (OBE).

The OBE implementation starts with the attainment of twelve (12) Program Outcomes (PO) and Program Specific Outcomes (PSO) for all the departments. The attainment starts with Course Outcome (CO) and then are mapped to POs.

It has two types of assessment methods-

a) direct method and b) indirect method.

#### **A. The direct method consists of the following tools**

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

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

#### **B. The indirect method consists of the following tools**

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

2. Program Exit Survey – Taken at department level by HOD at the end of eighth semester of the Engineering Program, focused on Program Outcomes and its attainment. Course coordinators are informed about POs attainment when the process is complete for the given academic year. The institute takes the cognizance of the attainment levels and issues the guidelines for sustaining or improving the performance.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

#### **6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year**

**Response:** 1.2

## 6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
04	01	01	00	00

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	<a href="#">View Document</a>
IQAC link	<a href="#">View Document</a>

## 6.5.4 Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements
- 2.Academic Administrative Audit (AAA) and initiation of follow up action
- 3.Participation in NIRF
- 4.ISO Certification
- 5.NBA or any other quality audit

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

**Response:** C. Any 2 of the above

File Description	Document
Details of Quality assurance initiatives of the institution	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Annual reports of institution	<a href="#">View Document</a>

6.5.5 Incremental improvements made during the preceding five years (*in case of first cycle*) Post accreditation quality initiatives (*second and subsequent cycles*)**Response:**

IQAC was established in the year 2017. Main motive behind starting IQAC was to develop quality in Teaching and Learning, Projects and motivate students to give presentations in National and International Conferences.

Some key initiatives were taken by IQAC was to start NPTEL Video lectures in the Institute. IQAC further evolved and took its next step in Increasing Research amongst Staff and Students by promoting them financial assistance for Research.

- Approach was changed to being student centric by Introducing CO-PO in the departments and concentrating on development of students through Outcome Based Education.
- IQAC is also active in participating in sustainability and ecosystem related initiatives. It has suggested to plant trees and replace conventional light fixtures with LED lamps. Same work is in progress.
- Academic Audit is one of the Initiatives of IQAC to improve Quality of Teaching & Learning.
- Many Training programs were initiated in Institute by having interaction with outside world through seminars and talks.

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

## Criterion 7 - Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

#### 7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

**Response:** 3

##### 7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
01	00	01	01	00

File Description	Document
Report of the event	<a href="#">View Document</a>
List of gender equity promotion programs organized by the institution	<a href="#">View Document</a>

#### 7.1.2

##### 1. Institution shows gender sensitivity in providing facilities such as:

1. Safety and Security
2. Counselling
3. Common Room

**Response:**

Institute provide equal opportunities and benefits to everyone irrespective of gender as per following.

- The Student Council consists of boys and girls. There is a good representation of female members in various committees of students and faculty members along with male members.
- In all curricular, co-curricular and extra-curricular activities, equal participation of boys and girls is encouraged.
- In the annual function of college General Secretary is elected irrespective of gender discrimination. In addition with this separate Ladies representative is elected among the girls.
- Best outgoing student award is given irrespective of gender discrimination.
- All sports activities are conducted for girls and boys without any discrimination. In sports, Best Sport Person (male and female) award is given.
- In institute campus such as office, Student's Facilitation Center, Store and Canteen, there is common counter encouraging gender equity.
- Equal opportunity is provided in training and placement activities by the Training and Placement Department without any gender bias.

- There is a special complaint box kept only for girls

### 1.Safety and Security

Institute conducts awareness sessions for the safety and security of students and staff.

- Principal, registrar and 2 staff members stay in campus 24X7.
- Institute has its own 24X7 security in campus.
- CCTV's installed in campus as well as classrooms and laboratories. Total campus is in CCTV surveillance.
- Institute has separate hostel facility for girls & boys with amenities like generator supply and medical etc.
- Institute provides pick up and drop facility for outstation students.
- Institute has ambulance facility in case of any emergency.
- Anti-Ragging committee functions actively in the Institute to handle carefully the issue of ragging

### 2.Counseling

- Institute has arranged various counseling programs through women development cell.
- Internal complaint committee works to redress issues of ladies staff and girl students.

### 3 Common Room

- Separate common rooms are available for boys and girls with amenities like first-aid kit, Vending machine, drinking water etc.

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

#### 7.1.3 Alternate Energy initiatives such as:

##### 1.Percentage of annual power requirement of the Institution met by the renewable energy sources

**Response:** 17.81

##### 7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

**Response:** 45000

##### 7.1.3.2 Total annual power requirement (in KWH)

**Response:** 252626



File Description	Document
Details of power requirement of the Institution met by renewable energy sources	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### 7.1.4 Percentage of annual lighting power requirements met through LED bulbs

**Response:** 6.96

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 5852

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 84086.8

File Description	Document
Details of lighting power requirements met through LED bulbs	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 7.1.5 Waste Management steps including:

- Solid waste management
- Liquid waste management
- E-waste management

**Response:**

##### 1) Solid waste management

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



**Compost plant in college campus behind Principal residence**



**Compost plant in college campus behind Principal residence**

## **2)Liquid waste management**

Institute has underground drainage system. Waste water from cooler outlet and over flow is utilized for green practices such as plantation. Institute dose not generate any chemical waste. Chemical



used in chemistry lab are of very low concentration



**Liquid waste & overflow behind College building**

### 3)E-waste management :

The electronic waste such as UPS old batteries is sent for recycling through buy-back policy. Also monitors of old computers is sent for recycling through buy-back policy and new power efficient LCD/LED monitors are purchased.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

#### 7.1.6 Rain water harvesting structures and utilization in the campus

##### Response:

The institute is located in the Sindhudurg district of Konkan region. Sindhudurg receives significant rainfall during monsoon, but the water drains out because the major landmass is made up of rocks. In the months from March to May Sindhudurg district experiences scarcity of water. Hence there is a need of water harvesting and getting it to sink into the ground to increase the water table. The institute has been making steady progress in this direction.

The institute has identified locations where rain water can be conserved and refilled to ground.

These locations have a high rate of sinking rain water. A rain water catchment is setup alongside institute building roofs and playgrounds to recharge ground water level. We are doing a rain water harvesting in our campus by creating some small ponds and new Farm Lake near Boy's hostel to increase water level.

NAAC





**Rain water harwasting in front of Staff Residence**





Farm lake near Boy's Hostel

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

### 7.1.7 Green Practices

- Students, staff using
  - a) Bicycles
  - b) Public Transport
  - c) Pedestrian friendly roads
- Plastic-free campus
- Paperless office
- Green landscaping with trees and plants

#### Response:

The institute creates environmental awareness among the students concerning various environmental issues to protect the environment for sustainable development. Since its inception in 1999, the institute has following set up for green practices

- **Students, staff using**

1. **Bicycles** : Few Students and Staffs use bicycles for green initiatives.
2. **Public Transport** : Institute is located 4 Km from kankavli that is taluka headquarter city. Most of the students are from nearby cities and they mostly use public transport from MSRTC. College

also has a pickup and drop facility with help of some external bus providers. This helps in reducing air pollution and increases safety of students

3. **Pedestrian friendly roads:** Institute provides Pedestrian friendly roads.

- **Plastic Free Campus:** Campus is plastic free and use of plastic bags is strictly prohibited
- **Paperless Office:** As a part of the green-initiative, students and faculty are encouraged to avoid usage of printed documentation unless it is really essential. Printing of assignments, Office documents, is done on both sides of paper whenever necessary. The institute uses TCS software for general communication with students and staff.
- **Green Landscaping with Trees and Plants:** The institute has good landscaping and trees which enhances college atmosphere. Utmost care and efforts are taken to keep the campus green. In 1999, when the institute began functioning, it was a barren land. Now the institute campus is green consisting of a variety of trees as below.

Sr.No.	Tree Name	Botanical name	No.of Tree
Fruits Trees			
01	Cashew nut	Anacardium occidentale	81
02	Aamla	Phyllanthus emblica	56
03	Mango	Mangifera indica	44
04	Chiku	Manilkara zapota	23
05	Coconut	Cocos nucifera	20
06	Jaam	Leucaena leucocephala	10
07	Bannana	Musa	10
08	Fanas	Artocarpus heterophyllus	05
09	Jambhal	Syzygium cumini	05
10	Ramfal	Annona reticulata	05
11	Sitafal	Annona squamosa	05
12	Peru	Guava	03
13	Ratamba	Garcinia indica	02
Flowers			
14	Chapha	Plumeria	20
Other Trees			
15	Saag	Tectona grandis	250
16	Areka Paam	Areca catechu	200
17	Gulmohar	Delonix regia	20
18	Bottle Pam	Hyophorbe lagenicaulis	05
19	Bamboo	Bambusoideae	02
TOTAL			766

The green lawns are spread in the institute campus covering a huge area. Institute plants number of trees every year in the campus and maintains them properly. Instead of gifts, saplings are preferred during various events to motivate planting. The drip irrigation system and water sprinklers are used to irrigate the lawns and gardens in the campus in order to save water and energy. A note regarding the importance of saving water is displayed at every cooler and necessary places.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

**7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years****Response:** 0.22

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
0	0.33	0.57	0.14	0.80

File Description	Document
Green audit report	<a href="#">View Document</a>
Details of expenditure on green initiatives and waste management during the last five years	<a href="#">View Document</a>

**7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:**

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

**A. 7 and more of the above****B. At least 6 of the above****C. At least 4 of the above****D. At least 2 of the above****Response:** C. At least 4 of the above



File Description	Document
Resources available in the institution for Divyangjan	<a href="#">View Document</a>
link to photos and videos of facilities for Divyangjan	<a href="#">View Document</a>

#### 7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

**Response:** 0

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

**Response:** 9

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
07	02	00	00	00

File Description	Document
Report of the event	<a href="#">View Document</a>

#### 7.1.12

**Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff**

**Response:** Yes

File Description	Document
Any additional information	<a href="#">View Document</a>
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	<a href="#">View Document</a>

**7.1.13 Display of core values in the institution and on its website**

**Response:** Yes

File Description	Document
Any additional information	<a href="#">View Document</a>
Provide URL of website that displays core values	<a href="#">View Document</a>

**7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations**

**Response:** Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**7.1.15 The institution offers a course on Human Values and professional ethics**

**Response:** Yes

File Description	Document
Any additional information	<a href="#">View Document</a>
Provide link to Courses on Human Values and professional ethics on Institutional website	<a href="#">View Document</a>

**7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions**

**Response: Yes**

File Description	Document
Any additional information	<a href="#">View Document</a>
Provide URL of supporting documents to prove institution functions as per professional code	<a href="#">View Document</a>

### 7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

**Response: 15**

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
03	03	03	03	03

File Description	Document
List of activities conducted for promotion of universal values	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

**Response:**

The institute celebrates national festivals such as Independence Day, Republic day, Maharashtra day, World Environment day, Plantation day etc. The functions are attended by faculty members, students, and staff. These functions consist of address by the Principal, Some student association programs etc. Birth/death anniversaries of great Indian personalities such as Shivaji maharaj, Mahatma Gandhi, Dr. Babasaheb Ambedkar, Dr. Sarvapalli Radhakrishnan' birth anniversary is celebrated as Teachers' Day is celebrated on the birth anniversary of Dr. Sarvapalli Radhakrishnan and Sir. M. Vishweshwarayya birth anniversary is celebrated as Engineers' Day.

The birth anniversary of Shri. Narayanraoji Rane Saheb, eminent and visionary politician and Ex-chief minister of Maharashtra and Founder of the institute is celebrated as Founder's Day on 10th April

every year. On this occasion various social Programs such as blood donation camp, a donation drive for under privileged people were arranged.

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

#### **7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions**

##### **Response:**

The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions as below,

##### **1) Financial :**

- Institute creates budget and get it sanctioned from authorities, Get audited from chartered accountant and maintain a total transparency in all financial and administrative functions

##### **2) Academic :**

- The institute follows academic calendar, master timetable, load distribution and laboratory timetable of every semester.

##### **3) Administrative :**

- Institute provides help to the students for their scholarship and others schemes with the help of administrative department.

##### **4) Auxiliary Functions :**

- Hostel activities, quality of mess food in the hostel are checked regularly by hostel and canteen committee. The institute has qualified & experienced maintenance staff for infrastructure & computer related maintenance.
- Library committee gives recommendation for book purchase and library development.

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

## **7.2 Best Practices**

### **7.2.1 Describe at least two institutional best practices (as per NAAC Format)**

**Response:****Best Practice 1:****1. Title of the Practices****Student Development Program (SDP)****2. Objectives of the Practice**

- Improving technical knowledge of students by giving them technical platform in the institute named VIRTUOSIC.
- To improve placement of students by providing them skills required in the form of soft skills, technical skills etc. and from industry experts.

**3. Context**

Students joining our institute are from rural areas of varied background, lacking skills required by the industry. A curriculum is not able to fully bridge the gap between student curriculum and industrial expectations of employment. Industry needs ready workforce to be competent enough to start contributing from day one and at the same time many industries do not have policy for training and internship. Due to all these facts institute decided the program VIRTUOSIC which is national level technical summit since 2012.

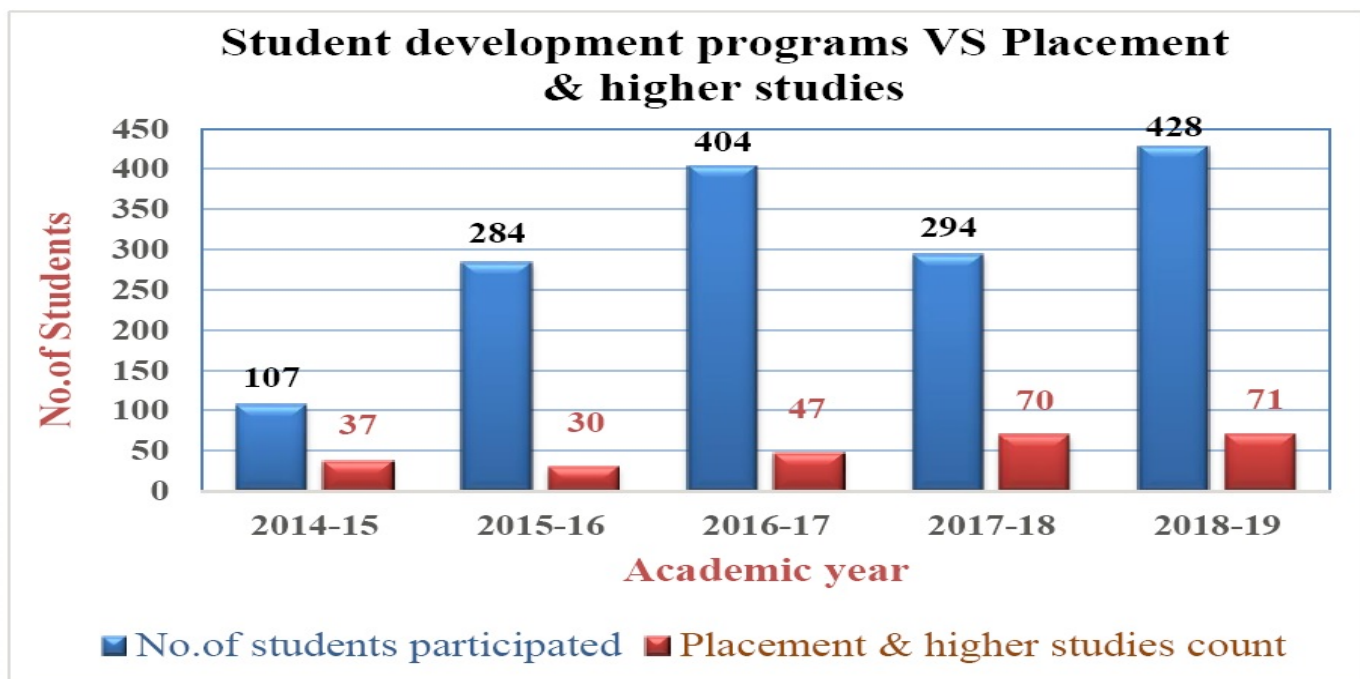
**4. The Practice :**

Institute is conducting VIRTUOSIC in the institute from last 5 years. In this program 15 to 20 events are scheduled simultaneously in 4 days span. This technical program comprises various activities like Technical Workshops, Seminars, Project Exhibition, Expert Talk, Debate, URGE, Evolution (Technical Paper Presentation Competition), LAN Gaming, Robo Race, Robo Soccer, Directo (short film making), Auto Expo etc.

**5. Evidence of Success**

Adoption of this best practice helps in improving knowledge, soft skill, logic, leadership quality. This program is organized and run by the students hence it also helps in developing administration skills and industrial skill for their future industrial work and higher studies. It emphasizes on integrity towards core values. Success rate can be presented as per following representation,

<b>Year</b>	<b>No. Of student Participated in SDP</b>	<b>Placement and Higher studies count</b>
2014-15	<b>107</b>	<b>71</b>
2015-16	<b>284</b>	<b>70</b>
2016-17	<b>404</b>	<b>47</b>
2017-18	<b>294</b>	<b>70</b>
2018-19	<b>428</b>	<b>71 till date</b>



:

## 6. Problems Encountered and Resources Required

The institute being situated in rural area the students are not that much exposed to the current enhancements. To overcome this program play an important role by making them aware of the same. Need to involve more participants from the other institutes. To mold the student's mentality towards improvement in their personality without hampering academics was a difficult task. Resources Required Shortage of industry trained faculties. In order to reserve time for this activity in busy schedule, students and faculty have to take extra efforts.

### Best Practice 2 :

#### 1. Title of the Practices :

#### Staff educational upgradation program

#### 2. Objectives of the Practice

- Institute mainly focus on educational upgradation and improvement effective teaching learning process by providing them various facilities like educational sponsorship and encouragement for their research work.
- Supporting faculty for their research work.

#### 3. Context

Most of the faculty members joined this institute directly after their bachelor degree completion and as a fresher. Institute mainly focused on their assets and encouraged them for their further studies

#### 4. The Practice:

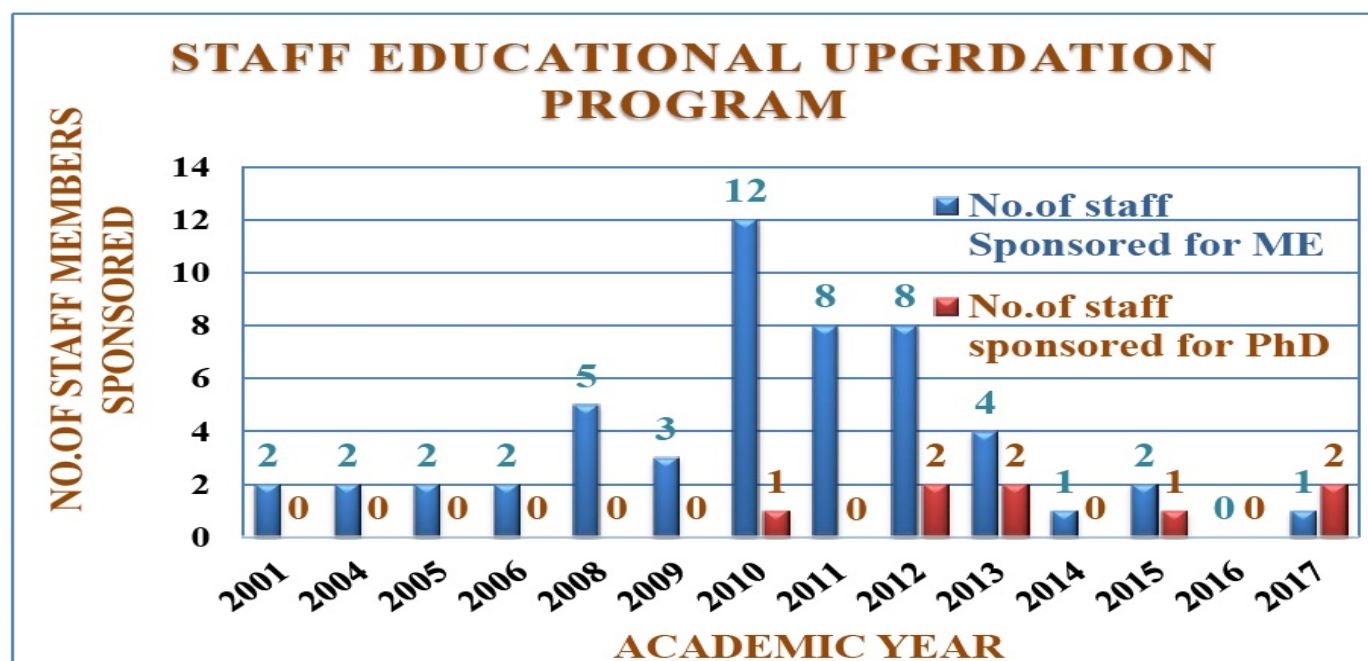
Institute send staff members for their post-graduation and higher studies on full time as well as part time basis as per their requirement. Institute always supported them with all required facilities such as registration charges in case of their publications, sponsorship for post-graduation and research activities carried out. Faculty members are also provided with on duty leave for their research activities whenever necessary also after their assigned work period. Faculty members are also supported for publishing their research work in reputed publications and attending conference and orientation programs inside this country and outside.

#### 5. Evidence of Success

As a part of this practice all faculty member completed their post-graduation and near about 70% to 80% staff had completed their post-graduation based on college sponsorship and 20 % staff is on the verge of completing their doctorate under QIP scheme. Most of the staff members published their work in reputed journals. Success rate of this practice is given as below,

Year	No.of staff sponsored for ME	No of staff sponsored for PhD
2001	2	0
2004	2	0
2005	2	0
2006	2	0
2008	5	0
2009	3	0
2010	12	1
2011	8	0
2012	8	2
2013	4	2
2014	1	0
2015	2	1
2016	0	0
2017	1	2





## 6. Problems Encountered and Resources Required:

### Problems Encountered

This institute is located away from mega cities in India, so there are near about no facilities of post-graduate institutes nearby, So faculties has to go in mega cities for completion of their post-graduation, doctorate and most of the faculty improvement programs. Even this institute has always encouraged faculties for attending such a program with finance also.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

## 7.3 Institutional Distinctiveness

### 7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

#### Response:

The institute is established in year 1999 by a great visionary Hon. Shri. Narayan Rao Rane saheb with the vision of providing engineering knowledge to the student, mainly in this region where there was a less awareness regarding engineering education in those days and less no of engineers. Our institute is serving successfully to the students and community from last 19 years. Institute has located 8Km away from kankavli city in 30.5 acres eco-friendly environment which help to enhance the teaching-learning process. Institute also has the top class infrastructure, well equipped laboratories, scientific approach and optimistic attitude to match and cope with changing scenario in education and industry.



Institute mainly focus on creating skillful engineers to increase prosperity of this region and community. This institute has moderate fee for all students. We also supports needy students who require financial support for their education on our own finance. Besides this, the institute continuously supports the students by providing them various scholarships schemes under government of India and other private sources. The institute has always given admission based on merit and need of the society. Management quota of the admission is filled up on the basis of merit only.

Institute also provides various awards such as Nilesh & Nitesh award which were given to the FE,SE,TE,BE and best outgoing student to encourage and to boost them for their academics performance.

Institute organize various technical event mainly Virtuosis by the inspiration and vision of our secretary Hon.Niteshji Rane saheb.This event is one of the best technical event conducted, not only in this Konkan region but in our Mumbai University also. This gives platform to the students to present their innovative ideas and engineering approach. This includes various events such as project exhibition, research paper presentation and different workshops conducted by various expertise from industries and well reputed institutes. This event help in filling educational gap in the university syllabus and industrial employability of students. Institute is not only focusing on education and skill development of students, but also taking good efforts for placement of student to various reputed industries and trying to have tie-up with various industries even though we are located away from industrial regions various companies are approaching to us on their own belief.Institute also organize various community beneficial programs such as blood donation camp, plantation program, Water conservation program, social awareness programs.

Institute has been selected as a remote center for conducting lectures and workshops through NMEICT IIT Bombay and IIT Kharagpur. Various workshops are organized by IIT through this remote center. The students as well as faculty members update their knowledge through these workshops. The institute encourages faculty members and students to take online courses conducted by NPTEL in order to support continuous learning. With the setup of local NPTEL Chapter in 2017, most of faculty members so far have completed at least one NPTEL online courses. Institute has agreement with TCS for conduction of various government and non-government exams such as Graduate aptitude test (GATE), MHT-CET, etc. Institute has agreement with IIT Bombay for online learning facility through spoken tutorial for all departments, So far we have conducted near about 18 courses for student certification and some courses for staff. We also have NPTEL video lecture facility through our local sever.

## 5. CONCLUSION

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### Additional Information :

-

### Concluding Remarks :

I conclude this executive summary with conveying sincere thanks to management, all teaching and non-teaching staff, alumni, parents and students for continuous involvement in the process for assessment and accreditation of institute.

Dr. Aneesh Chintaman Gangal

PRINCIPAL

Sindhudurg Shikshan Prasarak Mandal's

College Of Engineering

A/P- Harkul Budruk, Tal. - Kankavli

Dist. - Sindhudurg 416602

Maharashtra.

## 6.ANNEXURE

### 1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.1.3	<p>Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years</p> <p>1.1.3.1. Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table><tr><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td></tr><tr><td>04</td><td>04</td><td>03</td><td>02</td><td>03</td></tr></table> <p>Answer After DVV Verification :</p> <table><tr><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td></tr><tr><td>01</td><td>00</td><td>00</td><td>00</td><td>00</td></tr></table> <p>Remark : DVV has not considered those teachers who participated as a Local Inquiry Committee, Vigilance Squad Visits and also mail letter has not considered of 2014-15.</p>	2018-19	2017-18	2016-17	2015-16	2014-15	04	04	03	02	03	2018-19	2017-18	2016-17	2015-16	2014-15	01	00	00	00	00
2018-19	2017-18	2016-17	2015-16	2014-15																	
04	04	03	02	03																	
2018-19	2017-18	2016-17	2015-16	2014-15																	
01	00	00	00	00																	
1.2.1	<p>Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years</p> <p>1.2.1.1. How many new courses are introduced within the last five years</p> <p>Answer before DVV Verification : 276</p> <p>Answer after DVV Verification: 275</p> <p>Remark : DVV has counted one course once for a year.</p>																				
1.4.2	<p>Feedback processes of the institution may be classified as follows:</p> <p>Answer before DVV Verification : A. Feedback collected, analysed and action taken and feedback available on website</p> <p>Answer After DVV Verification: C. Feedback collected and analysed</p> <p>Remark : Action taken report not provided by HEI.</p>																				
2.2.3	<p>Percentage of differently abled students (Divyangjan) on rolls</p> <p>2.2.3.1. Number of differently abled students on rolls</p> <p>Answer before DVV Verification : 02</p> <p>Answer after DVV Verification: 0</p>																				
2.3.3	<p>Ratio of students to mentor for academic and stress related issues</p> <p>2.3.3.1. Number of mentors</p>																				

Answer before DVV Verification : 52

Answer after DVV Verification: 41

2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

2.4.4.1. Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
34	04	02	03	03

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
00	00	00	00	00

3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)

3.1.1.1. Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
7.02	7.14	2.40	0.40	0.40

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
1.53	0	1.75	0.40	0.40

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

3.2.2.1. Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
07	11	07	07	05

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
06	11	06	07	05

3.3.3 Number of research papers per teacher in the Journals notified on UGC website during the last five years

3.3.3.1. Number of research papers in the Journals notified on UGC website during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
29	27	26	11	11

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
28	21	26	11	11

3.3.4 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years

3.3.4.1. Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
04	22	16	24	09

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
03	22	11	24	09

3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

3.4.2.1. Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
21	02	02	04	04

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
---------	---------	---------	---------	---------

01	00	00	00	00
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3.4.3 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 last five years

3.4.3.1. Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
34	18	15	10	07

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
6	1	2	1	00

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

3.4.4.1. Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
844	916	1076	550	429

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
641	87	187	68	0

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

3.5.1.1. Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
143	151	124	11	08

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
33	31	50	03	02

4.2.6	<p>Percentage per day usage of library by teachers and students</p> <p>4.2.6.1. Average number of teachers and students using library per day over last one year Answer before DVV Verification : 10 Answer after DVV Verification: 40</p> <p>Remark : DVV has made the changes as per average of students using library per day on 15/01/2018, 16/01/2018, 17/01/2018, 18/01/2018 and 19/01/2018.</p>																									
5.2.3	<p>Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)</p> <p>5.2.3.1. Number of students qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the last five years Answer before DVV Verification:</p> <table><tr><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td></tr><tr><td>01</td><td>01</td><td>03</td><td>00</td><td>00</td></tr></table> <p>Answer After DVV Verification :</p> <table><tr><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td></tr><tr><td>01</td><td>00</td><td>04</td><td>00</td><td>00</td></tr></table> <p>5.2.3.2. Number of students who have appeared for the exams year-wise during the last five years Answer before DVV Verification:</p> <table><tr><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td></tr></table>	2018-19	2017-18	2016-17	2015-16	2014-15	01	01	03	00	00	2018-19	2017-18	2016-17	2015-16	2014-15	01	00	04	00	00	2018-19	2017-18	2016-17	2015-16	2014-15
2018-19	2017-18	2016-17	2015-16	2014-15																						
01	01	03	00	00																						
2018-19	2017-18	2016-17	2015-16	2014-15																						
01	00	04	00	00																						
2018-19	2017-18	2016-17	2015-16	2014-15																						
5.3.1	<p>Number of awards/medals for outstanding performance in sports/cultural activities at national / international level (award for a team event should be counted as one) during the last five years.</p> <p>5.3.1.1. Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year-wise during the last five years Answer before DVV Verification:</p> <table><tr><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td></tr><tr><td>38</td><td>58</td><td>10</td><td>60</td><td>20</td></tr></table> <p>Answer After DVV Verification :</p>	2018-19	2017-18	2016-17	2015-16	2014-15	38	58	10	60	20															
2018-19	2017-18	2016-17	2015-16	2014-15																						
38	58	10	60	20																						

2018-19	2017-18	2016-17	2015-16	2014-15
00	00	00	00	00

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

5.3.3.1. Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
23	23	23	23	23

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
21	21	21	21	21

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

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

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
02	13	09	08	06

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
00	13	09	00	06

Remark : Supporting document not provided by HEI for the year 2015-16 and 2018-19.

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

6.3.3.1. Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
00	00	00	00	01



Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
00	00	00	01	00

Remark : DVV has made the changes as per report of professional development program provided document provided by HEi.

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

6.3.4.1. Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
0	1	6	0	4

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
0	2	1	1	4

Remark : DVV has made the changes as per provided certificate of teachers in 2017-18. DVV has not considered one day program.

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

6.5.3.1. Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
04	04	01	00	00

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
04	01	01	00	00

Remark : DVV has not considered Increasing Research Activities by financial assistance, Teachers Feedback from students and Mentoring system.

7.1.1 Number of gender equity promotion programs organized by the institution during the last five

years

7.1.1.1. Number of gender equity promotion programs organized by the institution year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
03	01	01	01	00

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
01	00	01	01	00

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

7.1.8.1. Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
0.36	0.33	0.57	0.14	0.80

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
0	0.33	0.57	0.14	0.80

Remark : Supporting document for the year 2018-19 not provided by HEI.

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years 7.1.10.1. Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
09	02	01	02	02

Answer After DVV Verification :

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

Remark : Relevant document not provided by HEI.

7.1.11	<p>Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)</p> <p>7.1.11.1. Number of initiatives taken to engage with and contribute to local community year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table><tr><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td></tr><tr><td>23</td><td>12</td><td>08</td><td>08</td><td>03</td></tr></table> <p>Answer After DVV Verification :</p> <table><tr><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td></tr><tr><td>07</td><td>02</td><td>00</td><td>00</td><td>00</td></tr></table>	2018-19	2017-18	2016-17	2015-16	2014-15	23	12	08	08	03	2018-19	2017-18	2016-17	2015-16	2014-15	07	02	00	00	00
2018-19	2017-18	2016-17	2015-16	2014-15																	
23	12	08	08	03																	
2018-19	2017-18	2016-17	2015-16	2014-15																	
07	02	00	00	00																	
7.1.17	<p>Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years</p> <p>7.1.17.1. Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table><tr><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td></tr><tr><td>04</td><td>04</td><td>04</td><td>04</td><td>04</td></tr></table> <p>Answer After DVV Verification :</p> <table><tr><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td></tr><tr><td>03</td><td>03</td><td>03</td><td>03</td><td>03</td></tr></table>	2018-19	2017-18	2016-17	2015-16	2014-15	04	04	04	04	04	2018-19	2017-18	2016-17	2015-16	2014-15	03	03	03	03	03
2018-19	2017-18	2016-17	2015-16	2014-15																	
04	04	04	04	04																	
2018-19	2017-18	2016-17	2015-16	2014-15																	
03	03	03	03	03																	

## 2.Extended Profile Deviations

ID	Extended Questions														
1.1	Number of courses offered by the institution across all programs during the last five years Answer before DVV Verification : 307 Answer after DVV Verification : 276														
2.1	Number of students year-wise during the last five years  Answer before DVV Verification: <table><tr><td>2018-19</td><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td></tr><tr><td>844</td><td>940</td><td>1076</td><td>1281</td><td>1308</td></tr></table>					2018-19	2017-18	2016-17	2015-16	2014-15	844	940	1076	1281	1308
2018-19	2017-18	2016-17	2015-16	2014-15											
844	940	1076	1281	1308											

Answer After DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
844	945	1090	1267	1326

3.2 Number of sanctioned posts year-wise during the last five years

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
57	78	82	98	98

Answer After DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
56	77	81	97	97

4.3 Total Expenditure excluding salary year-wise during the last five years ( INR in Lakhs)

Answer before DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
125	204	215	271	422

Answer After DVV Verification:

2018-19	2017-18	2016-17	2015-16	2014-15
105.89	156.24	170.51	164.34	164.31