Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**SANDIP INSTITUTE OF ENGINEERING AND MANAGEMENT, NASHIK**
Name of the head of the Institution	**Dr. Dipak Pandurang Patil**
Designation	**Principal(in-charge)**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02594-222581**
Mobile no.	**9545453265**
Registered Email	**principal@siem.org.in**
Alternate Email	**sandipfoundation@gmail.com**
Address	**Sandip Institute of Engineering and Management at post-Mahiravani, Trimbak Road Tal. Nashik, Dist. Nashik-422213.**
City/Town	**Nashik**
State/UT	**Maharashtra**

Pincode	**422213**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr. Lalit Kashinath Toke**
Phone no/Alternate Phone no.	**02594222581**
Mobile no.	**7709044967**
Registered Email	**princiapl@siem.org.in**
Alternate Email	**lalit.toke@siem.org.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.siem.sandipfoundation.org/

4. Whether Academic Calendar prepared during the year

	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.siem.sandipfoundation.org/academic-calender/

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B++**	**2.89**	**2018**	**02-Nov-2018**	**02-Nov-2023**

6. Date of Establishment of IQAC

	03-Apr-2017

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries

IQAC		
AICTE-ISTE Approved 6 Days Refresher Program on Smart & Sustainable Cities: A Mission towards Smart India.	04-Jun-2018 6	50
Robotics Workshop (Arduino Based Voice Controlled Robot)	27-Aug-2018 2	72
Value Added Programs on ANSYS	28-Aug-2018 56	17
2 Days Automotive Workshop	28-Sep-2018 2	220
Value Added Program on CATIA	04-Feb-2019 26	16
Workshop on Advance Java and Web Technology	06-Feb-2019 5	51
Tech-Fight 2k19	22-Feb-2019 2	400
SandipDrishti 2019	22-Feb-2019 2	105
DESIRE 2k19	23-Feb-2019 2	1050
Workshop on German Language Course Level A1	20-Mar-2019 15	22
MECHSUMMIT 2K19	22-Feb-2019 2	160
Technophillia 2K19	22-Feb-2019 2	120
National Conference on Recent Innovation in Engineering Science and Technology	15-Apr-2019 2	200
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Mr. K. U. Shinde	ISROUoP	ISRO-UoP Space Technology Cell	2018 18	1650000
Mr. A. R. Gaidhani	Student Welfare Department	SPPU PUNE	2018 12	25000
Mr. A. R. Gaidhani	Student Welfare Department	SPPU PUNE	2018 12	15000
Mr. A. R. Gaidhani	Student Welfare Department	SPPU PUNE	2018 12	10000

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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**No**
Upload the minutes of meeting and action taken report	**No Files Uploaded !!!**
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

12. Significant contributions made by IQAC during the current year(maximum five bullets)

Academic and Administrative Audit conducted. Participated in NIRF, Participated in AICTE Vishwakarma Award Participated in Avishkar , Smart India Hackathon, participated in SAE BAHA Activities under MHRD IIC (Innovation of institutions cell)

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

Plan of Action	Achivements/Outcomes
Preparation of Academic Formats for teaching learning process enhancement	**Identified acdemic formats for improvement and circulated the formats to the department**
Preparation of Academic calendar of the college and department	**Academic cocurricular activies were conducted in preplanned manner, resulting in better execution and overall development of teaching learing process**
Remedial lectures for difficult subjects were planned	**Improvements in level of understanding of these difficult subjets among students**
Improvement in Sports & students participation activities	**Improvements in resources for the students**
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	07-Sep-2018
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	31-Jan-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	College is having Enterprise Resource Planning (ERP) software through which College authorities and Management is kept informed about the day to day academic and administrative processes/progress. HODs, Deans, Registrar, Principal Management are having different levels of authority as per hierarchy to monitor and control various academic and administrative processes through ERP. Some of the main modules which are operated through ERP software are as follows: ? Planning and Development • All kinds of Leave Management of staff • Time Table Management • Faculty Feedback • Activity Plan • Various days celebration ? Administration Educational ERP has edge over traditional method of institutional management. Cost reduction, accuracy and efficiency are some of main factors that keep ERP solution ahead of traditional methods. However ERP system deals with the complete institutional process and functioning related to academic, admission, registration, examination, finance, HR, course materials, placement, students information, Alumni etc. • Staff Registration, Reporting, Transfer, Attendance Process • Staff Salary Calculation • All Allowance • Examination Module • Call Log for: 1) System IT Support 2) Transport 3)

Electrical Maintenance. • Vehicle Management ? Finance and Accounts • Faculty TA/DA Bills • Staff Salary Calculation • Deductions Details • Bills for: 1) Daily allowance 2) Petrol allowance 3) Travelling allowance ? Student Admission and Support A prospective student can get required information about the institute and the detailed procedure about the admission process. Following aspects of admission are normally included in ERP: Information related to: • About the institute • The courses available • Information about faculty, placement, infrastructures • Fees Module • Student Login • Online Document • Admission • Attendance • Feedback • Admission process • Student registration Enrolment System ? Examination Examination is considered as acid test for both student and teachers. Proper evaluation in spread over basis is required to know student's standard of width and depth of knowledge is taught and acquired and cultivated. Some aspects of examination management are included in ERP are mentioned below: • Demo Exam Subject wise • Exam Schedule • Class test results

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Sandip Institute of Engineering and Management (SIEM) is affiliated to Savitribai Phule Pune University (SPPU). The curriculum and academic calendar, set by the Pune University is followed by the institute. Before commencement of every semester, Principal approves the academic monitoring committee (AMC) which is headed by dean academics of the institute. AMC formulates work line and prepare academic plan for upcoming semester by preparing academic calendar. The academic calendar of the institute is then circulated to all Heads of the respective departments for finalizing various departmental activities. Teaching load distribution of the next semester is handed over to the faculty members, after completion of previous semester. This leads to providing sufficient time to the faculties for preparation of their respective subjects, thereby resulting in smooth conduction of academics in each department. While finalizing the teaching load distribution, due consideration is given to subject choice and expertise of the faculty. Institute has well equipped Enterprise Resources Planning (ERP) software for proper execution of formulated academic policies. This software is utilized to upload timetable, monitor student's daily attendance, learning material and notices to students and parents. Academic performance data is collected through ERP, printed and posted. Student's absenteeism is conveyed to parents through ERP generated text

messages. ERP provides various administrative & academic activities to students. Institute has well developed Tutor system to monitor academic performance and provide personal attention and counseling of each and every student. For effective implementation of academic policies, the institute has well designed hierarchy headed by Principal, followed by dean academics, HOD of respective departments, class coordinators, subject experts, tutors & faculty members. The institute achieves its vision and mission through continuous internal assessment system, which is in line with SPPU Pune curriculum. Each faculty prepares course file which contains information related to Program Educational Objectives (PEO), Program Specific Objectives (PSO), Program Outcomes (PO), Course Outcomes (CO) and Mapping of CO's with PO's. This course file also includes Academic Calendar (AC), Individual Time Table (TT), University Structure and Syllabus (US), Teaching Plan (TP), List of References and Text Books (RB) & Question Bank. Faculty also prepares Unit-wise Notes (UwN), Question papers of Class Test/ In-sem/ End-sem Examinations (QP), University Question papers with solution (QP), Tutorials / Assignments (if any). Faculty promotes Self Learning/Problem and project Based Learning to students. Each department also works to enrich students with updated field knowledge by covering contents beyond syllabus, Value added programs, workshops, seminars and expert lecture etc. Institute promotes innovative teaching methodologies such as power point presentations, videos, animations, quiz conduction, site visits and model demonstration to make teaching learning process interesting & efficient. Institute provides extra library hours to the students so that they can refer various reference books and journals. Students can also access various video lectures (like NPTEL) and other E-learning material using digital library facility. Class tests are conducted to observe the performance of the students at regular intervals. As per university norms, Institute conducts university exams in disciplined environment. The Institute has install TEX-EDU Device

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
NIL	NIL	31/12/2019	0	NIL	NIL

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	NIL	31/12/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	NIL	31/12/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	162	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Two Days National Level SAE Workshop	28/09/2018	220
CATIA	17/09/2018	11
ANSYS	03/09/2018	17
CATIA	04/02/2019	16
Workshop on Internet of Things (IOT)	27/07/2018	23
Money Management Program	25/08/2018	79
Robotics: Arduino based voice controlled robot	27/08/2018	72
Project Presentation and Guidance	18/09/2018	55
Embedded System IOT	30/09/2018	30
Aptitude Training Session	13/12/2018	23
Java and Real World	31/01/2019	76
Advance Java and Web Technology	06/02/2019	51
Workshop on Personality Development	26/02/2019	70
Embedded System IOT	30/09/2018	30
Introduction to C Programming	06/08/2018	8
Repair and maintenance of Electrical Home appliances	31/08/2018	40
Two Days Short term course on analysis of Electrical Machines using ANSYS Maxwell Tools Flow	10/08/2018	28
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Computer Engineering	23
BE	Electrical Engineering	42
BE	Electronics and Telecommunications Engineering	7
BE	Mechanical Engineering	13
BE	Civil Engineering	9
[View File](#)		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.	
Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

The Institute takes feedback of all faculties from students for all the subjects. It is ensured that students providing the feedback are regularly attending the class. The feedback system is online. The feedback form covers the questions on various aspects like concept clarity, different variety of teaching learning modes, class interactions etc. On the basis of respond given by students, each faculty has their feedback in percentile and also has graphical analysis of it. The feedback with analysis is send to Head of Department and individual faculty. Improvement letters are given to the faculties those are not having good feedback and Appreciation letter is given to the faculties those are having good feedback. This forms an important tool for self improvement as well as incentive to continue good work.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Civil Engg (FE)	120	65	65
BE	Civil Engg (Lateral Entry)	46	46	46
BE	Civil Engg (Direct Second Year))	60	60	60
BE	Computer Engineering (FE)	60	56	56
BE	Computer Engineering (Lateral Entry)	29	29	29
BE	Electrical Engineering (FE)	120	24	24
BE	Electrical Engineering (Lateral Entry)	107	107	107
BE	Electronics & Tele- Communication Engineering	60	22	22

		(FE)			
BE	Electronics & Tele-Communication Engineering (Lateral Entry)	48	33	33	
BE	Mechanical Engineering (FE)	120	53	53	
BE	Mechanical Engineering (Lateral Entry)	73	72	72	
BE	Mechanical Engineering (Direct 2nd Year)	60	58	58	

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	2170	Nill	116	Nill	116

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
116	116	11	29	2	9

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Need of Tutor System: Adapting to college environment study pressure is an emerging issue in technical education system. To help college students in resolving these, we have TUTOR SYSTEM for their counselling overall development. This system is interactive and targetoriented, involving students, teachers and parents. Who is a Tutor? A teacher who gives extra help to the student for his overall development through in person counseling. A teacher is a potential counselor. A tutor act as the guardians of students at the college level who guides a batch of 2025 students and motivate them to move up in their professional career. Tutor coordinate with wardens of hostels, parents and based on students, academic record and behavior patterns take necessary corrective action. Tutor meet Every fortnight the Tutor meet is conducted for one hour as per the time table. In this interactive hour students day to day problems are discussed solved. The record is maintained in Tutor hand book of individual student. Along with this the major attention is given on counselling of students Some areas of counselling are: Nurturing and Healing Problem Crisis management Decision Making Support and life skills training Major Components of Tutor System • Orientation This activity helps students to be familiar with the college, courses, activities, facilities, staff etc. and adjust to the college environment and develop positive

attitudes. Orientation also helps the student to know their purpose of living. • Group Guidance Group guidance activities are organized to promote students educational and personalsocial development and adjustment and provide career information class talks / career talks, discussions, etc. • Counseling Counseling focuses on student's growth and adjustment and promotes problem solving and decision making. It is generally provided to individual students as per the requirement. However, sometimes a small group of students having similar concern are provided group counseling. Role of Tutor: Academic domain : Improving study skills attendance, Motivation to learn Identifying and addressing barriers to academic learning (such as problems related to attendance, discipline, health, family, peer pressure, language, barriers, learning disabilities, educational gaps, lack of interest). Career domain: Students need to develop career identity i.e. developing a view of self in a career. Guidance and Counseling helps the student to find answer to the questions: Who am I? What will I do with my life? Developing vision of careers and occupations which will create interest and motivate them to complete the present courses and pursue further education and training. Knowing their interests and develop interest, relate it with career options. PersonalSocial domain: Healthy relationships with parents, sibling, peers, making friends and handling conflicts related to these groups. Defining self meaningfully which involves concerns related to academic achievements, career, goals, values, strengths and weaknesses, uniqueness of oneself and similarity to others resulting pressures to learn new social roles, conformity with roles

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2170	16	1:136

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
116	116	Nill	15	14

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Prof. M. V. Wagh	Assistant Professor	Best Research Scholar Award from Dr. P. V. Pawar research and innovation
2018	Dr. Dipak P. Patil	Principal	North Maharashtra Youth Principal Award
2018	Prof. Sharmila M.	Assistant Professor	AICTEECIISTE Chhatra Vishwakarma Award2018
2018	Dr. A.S. Dube	Professor	AICTEECIISTE Chhatra Vishwakarma Award2018
[View File](#)			

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end

				examination
BE	ESH (FE)	SEM 1	07/01/2019	02/12/2019
BE	SE CIVIL 533119110	SEM 1	04/01/2019	02/12/2019
BE	SE MECH533161210	SEM 1	04/01/2019	02/12/2019
BE	SE ELECT533129310	SEM 1	04/01/2019	02/12/2019
BE	SE ETC533137210	SEM 1	04/01/2019	02/12/2019
BE	SE COMP533124510	SEM 1	04/01/2019	02/12/2019
BE	TE CIVIL 533119110	SEM 1	12/12/2018	24/02/2019
BE	TE MECH 533161210	SEM 1	12/12/2018	24/02/2019
BE	TE ELECT 533129310	SEM 1	12/12/2018	24/02/2019
BE	TE E TC 533137210	SEM 1	12/12/2018	24/02/2019
BE	TE COMP 533124510	SEM 1	12/12/2018	24/02/2019
BE	BE CIVIL 533119110	SEM 1	11/12/2018	02/01/2019
BE	BE MECH 533161210	SEM 1	11/12/2018	02/01/2019
BE	BE ELECT 533129310	SEM 1	11/12/2018	02/01/2019
BE	BE E TC 533137210	SEM 1	11/12/2018	02/01/2019
BE	BE COMP 533124510	SEM 1	11/12/2018	02/01/2019
BE	ESH (FE)	SEM 2	04/08/2019	21/07/2019
BE	SE CIVIL 533119110	SEM 2	04/08/2019	21/07/2019
BE	SE MECH 533161210	SEM 2	04/08/2019	21/07/2019
BE	SE ELECT 533129310	SEM 2	04/08/2019	21/07/2019
BE	SE E TC 533137210	SEM 2	04/08/2019	21/07/2019
BE	SE COMP 533124510	SEM 2	04/08/2019	21/07/2019
BE	TE CIVIL 533119110	SEM 2	04/08/2019	22/07/2019
BE	TE MECH 533161210	SEM 2	04/08/2019	22/07/2019

BE	TE ELECT 533129310	SEM 2	04/08/2019	22/07/2019
BE	TE E TC 533137210	SEM 2	04/08/2019	22/07/2019
BE	TE COMP 533124510	SEM 2	04/08/2019	22/07/2019
BE	BE CIVIL 533119110	SEM 2	04/08/2019	24/07/2019
BE	BE MECH 533161210	SEM 2	04/08/2019	24/07/2019
BE	BE ELECT 533129310	SEM 2	04/08/2019	24/07/2019
BE	BE E TC 533137210	SEM 2	04/08/2019	24/07/2019
BE	BE COMP 533124510	SEM 2	04/08/2019	24/07/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Evaluation is a measure of the learning of a student. Internal evaluation process developed by institute is as follows: Institute evaluates the students based on attendance, performance in unit tests/prelims/online test and at least one of the following: home assignments, periodical quizzes, laboratory work, project reports, seminar reports, students overall performance or assignment which supports the credit based system. The distribution of marks to the various components of assessment is decided by the AMC and communicated to the all teachers and in turn communicated to students before commencement of semester. Continuous evaluation of practical sessions is carried out by faculty members. Continuous internal evaluation of project work of final year students and Technical seminar presentations of third year students is carried out throughout the year. Evaluation schedule and weightages are informed to the students at the start of the semester. Department wise unit tests were conducted during the semester to evaluate progress of student. As university adopted In Semester examination pattern, institute conducts prelim examinations once the syllabus is completed and prior to university examinations to evaluate the course outcomes. The use of open book test was recommended by AMC during meeting to increase interest and involvement of students in prelim examinations. Open book test carrying substantial weightage has been widely accepted by the students. Due to changes in university examination pattern, pedagogic transformation has taken place. Institute guide students to adopt e learning practices such as MyExamo (Online examination portal) for online exam preparation.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Institution adheres to the academic calendar for the continuous internal evaluation process as follows, University provides an academic calendar before the commencement of academic year which contains the number of days for teaching and examination dates. To fulfill the program requirements institute level academic calendar is prepared by Academic Monitoring Committee (AMC). The committee consisting of Principal, Dean Academic, The academic calendar prepared well in advance before the commencement of the semester. The calendar outlines the semester as commencement of teaching, tutor meets, annual functions, sport activities, display of monthly attendance, syllabus coverage

reports, various university examination details, students feedback, parents meet, conclusion of teaching, etc.. The academic calendar is displayed on the notice board and accessible on website. Department academic calendar is prepared in tune with university and institute calendar by considering the workshops, seminars, industrial visit, Cocurricular activities, value addition program (VAP), etc. Syllabus coverage reports are monitored by Head of department and AMC. In case of any lapse in teaching plan, Head of Department asks the faculty to conduct extra classes or take extra measures to complete the syllabus. Academic audit is conducted by AMC to monitor the coverage of syllabus and practical in the line of academic calendar. Online examination practice tests are scheduled to improve the performance in online examinations The results of all the internal tests are displayed and communicated to all the students and parents according to the academic calendar.

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 in website of the institution (to provide the weblink)

http://www.siem.sandipfoundation.org/course-outcome/

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
533119110	BE	Civil Engineering	195	113	57
533124510	BE	Computer Engineering	66	58	87.87
533137210	BE	E&TC Engineering	49	43	87.75
533129310	BE	Electrical Engineering	133	98	73.68
533161210	BE	Mechanical Engineering	211	162	76.78
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://www.siem.sandipfoundation.org/academics/feedback/

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	12	GIZ	2.5	2.5
Minor Projects	12	NIMA	0.3	0.3

3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
ExpertTalkonEntrepreneurship	Mechanical Engineering	24/09/2018
ExpertTalkOnHVACTroubleshooting	Mechanical Engineering	27/09/2018
ExpertTalkProductDesignDevelopment	Mechanical Engineering	25/09/2018
MotivationalTalkbyMr.HemantPatil	Mechanical Engineering	18/01/2019
MotivationaltalkbyTejasPawar	Mechanical Engineering	27/07/2018
Value Added Programs on ANSYS	Mechanical Engineering	28/08/2018
Value Added Programs on CATIA	Mechanical Engineering	17/09/2018
Value Added Programs on CATIA	Mechanical Engineering	04/02/2019
Workshop on C and C	Computer	13/07/2018
Expert Lecture on "Data Analytics"	Computer	21/08/2018
Workshop on Internet of Things(IOT)	Computer	25/08/2018
Expert Lecture on Money Management and Value of Money	Computer	25/08/2018
Workshop on "Robotics: Arduino Based Voice Controlled Robot".	Computer	27/08/2018
Advance Java and Web Technology	Computer	06/02/2019
Guest lecture on Advance Data Structure lab	Computer	15/02/2019
Workshop on Personality Development	Computer	26/02/2019
Aptitude Training Session	Computer	13/12/2018
Bootstrap and CSS	Computer	04/05/2019
Lecture on IPR	Electrical Engineering	16/01/2019
Workshop on Study of transformer	Electronics Telecommunication Engineering	16/01/2019
Workshop on Study of transformer	Electronics Telecommunication Engineering	18/08/2018

Workshop on IPR	Electronics Telecommunication Engineering	28/01/2019	
2 Days Automotive Workshop	Mechanical Engineering	28/09/2018	
Expert Talk by Anand Deshmukh	Mechanical Engineering	04/02/2019	
Expert Talk on German Language	Mechanical Engineering	17/01/2019	
Expert Talk on Advanced Manufacturing Process	Mechanical Engineering	09/10/2018	
ExpertTalkOnColdStorageDesign	Mechanical Engineering	26/09/2018	

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Solar Dryer (Project title needs to be taken from SJC)	Dr. A. S. Dube, Gauri Fulpagare, Mithila Deshmukh, Pranali Dani, Rameshwari Nile	AICTEESIISTE	20/01/2019	Project had been selected for National Convention of 2nd AICTEESIISTE Chhatra Vishwakarma Awards2018
Quiz Competition	Shubhab Upadhyay	SPPU with Arts commerce science college Nashik	10/12/2018	First Prize
National Level Technical Fest Quiz Competition	Shubhab Upadhyay	SITRC Techxellence 2019	11/01/2019	First Prize
National Level Technical Fest Quize Competition	Mrunal Desale	SITRC Techxellence 2019	11/01/2019	First Prize
Garbage ATM	Yash Gupta, Prakh Sonawane.,l rushikesh Kasar	AICTE	21/01/2019	Third Prize
Best Research Scholar	Manohar V. Wagh	Dr. P. V. Pawar Research Innovation Centre, Nashik	06/01/2019	International Level
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
0	NIL	NIL	NIL	NIL	31/12/2019

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
0	Nill

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Civil Engineering	3	3
International	Electrical Engineeing	6	3
International	Electronics Telecommunication Engineering	8	2
International	Mechanical Engineering	18	0
National	Computer Engineering	4	0
International	Computer Engineering	7	0
		View File	

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Computer Engineering	1
Civil Engineering	1
Electrical Engineeing	11
Electronics Telecommunication Engineering	6
Mechanical Engineering	28
	View File

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Modelling dye removal by	Mahesh R Gadekar M Mansoor Ahammed	Journal of environmental management.	2018	0	SVNIT Surat	2

adsorption onto water treatment residuals using combined response surface me thodologya rtificial neural		volume 231, pp 241248				
Enhancem ent of Fault Ride Through Capability of GridCon nected Wind Farm	Prof. Hemant Kulkarni	International Journal of Power Elec tronics (Scopus Index)	2018	0	Sandip Institute of Enginee ring and M anagement, Nashik	Nill
Enhancem ent of Fault Ride Through Capability of GridCon nected Wind Farm	Dr. Kishor Bhadane	International Journal of Power Elec tronics (Scopus Index)	2018	0	Sandip Institute of Enginee ring and M anagement, Nashik	Nill
Enhancem ent of Fault Ride Through Capability of GridCon nected Wind Farm	Dr.Hanuman Prasad	International Journal of Power Elec tronics (Scopus Index)	2018	0	Sandip Institute of Enginee ring and M anagement, Nashik	Nill
Experime ntal Inves tigation on Perform ance of Chicken Fat Methyl Ester on C.IEngine	Sagar D. Chaudhari, Dr. Anil S. Dube	International Journal of Applied En gineering Research	2018	0	Sandip Institute of Enginee ring and M anagement, Nashik	Nill
Performa nce Evaluation of Indirect Solar Dryer	Vijay T. Bhendwade, Dr. Anil S. Dube	International Journal of Applied En gineering Research	2018	0	Sandip Institute of Enginee ring and M anagement, Nashik	Nill
A framework of enablers r elationshi	Lalit K. Toke	International Journal of Sustainabl e Developm	2018	0	Sandip Institute of Enginee ring and M anagement,	3

pfor imple mentation of green m anufacturi ng in Indian context		ent World Ecology,Vo l.25, Issue4, Pp 303311(Tay lors Francis Group) , Impact Fac tor2.811			Nashik	
			View File			

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
An Overview of Internet of Things: Architectu re, Protocols and Challenges	Prof. Pramod Aswale	Proceedi ngs of Inf ormation and Commun ication Technology for Intell igent Systems (ICTIS 2018)	2019	1	1	Springer
			View File			

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Semi nars/Workshops	5	4	5	1
Presented papers	27	Nill	Nill	Nill
Resource persons	1	Nill	1	Nill
		View File		

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Smart Sustainable cities A Mission towards smart india	AICTE, ISTE Approved workshop	2	48
Swaccha Bharat Abhiyan	National Service Scheme	8	100
Tree Plantation	National Service Scheme	8	100

Awareness about Digital Payments	National Service Scheme	8	100
Awareness about Education, AIDS and cleanliness	National Service Scheme	8	100
Health Check up camp	National Service Scheme	8	100
Awareness about national schemes provided by government of India	National Service Scheme	8	100
Importance of Yoga	National Service Scheme	8	100
Activities in ZP school	National Service Scheme	8	100
Raksha Bandhan Celebration in Orphanage Home	Mechanical Engineering students association	1	50

View File

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Project Development	Chatra Vishwakarma Awards	AICTE	3
TECHVOLTZ2K19	First	GCOERC,Nasik	3
TANTRAGYAN 2019	Consolation Prize	LTCOE, Mumbai	3
KBTTECHFEST 2019	First	NDMVPCOE, Nashik	3
INSTRUROBOTICS 2K19	First	NDMVPCOE, Nashik	3
PROJIT	Second	JIT,Nashik	3

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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Chatra Vishwakarma Awards	AICTE	Project Development	2	6

View File

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Industrial Visit	S.E.(Elect.) A&B	Sandip Institute	1

at Gauss Electromagnetics, MIDC Ambad, Nashik	division	of Engineering and Management, Nashik	
Industrial Visit at CG Power and Industrial Solutions,Nashik	B.E.(Elect.) A&B division	Sandip Institute of Engineering and Management, Nashik	1
Industrial Visit at PGCIL 765/400KV GISSubstation,Padhge	T.E.(Elect.) A&B division	Sandip Institute of Engineering and Management, Nashik	1
Industrial Visit at Vodafone Tower, SITRC, Nashik	SE-E&TC students	Sandip Institute of Engineering and Management, Nashik	1
Industrial Visit at Technosys Automation Pvt. Ltd, Nashik	TE-E&TC students	Sandip Institute of Engineering and Management, Nashik	1
Industrial Visit Kunde Dairy Farms Pvt. Ltd, Sinner, Nashik	SE-E&TC students	Sandip Institute of Engineering and Management, Nashik	1
Industrial Visit at Trends Electronics Pvt. Ltd., Bhalgaon Village, Aurangabad	BE-E&TC students	Sandip Institute of Engineering and Management, Nashik	1
BE Division A Industrial visit to Bill Industry for subject Hydraulics and Pneumatics	BE(Mech) A division	Sandip Institute of Engineering and Management, Nashik	1
BE DivisionA Industrial visit to Seva automotive Nashik on for subject Dynamics of Machinery	BE(Mech) A division	Sandip Institute of Engineering and Management, Nashik	1
BE Division B and C Industrial visit to Bill Industry for subject Hydraulics and Pneumatics	BE(Mech) B & C division	Sandip Institute of Engineering and Management, Nashik	1
BE Division B Industrial visit to Seva automotive Nashik for subject Dynamics of Machinery	BE(Mech) B division	Sandip Institute of Engineering and Management, Nashik	1
BE DivisionC Industrial visit to Seva automotive	BE(Mech) C division	Sandip Institute of Engineering and Management, Nashik	1

Nashik for subject Dynamics of Machinery			
TE Mechanical (Div A) insdutrial visit for subject Manufacturing processII	TE(Mech) A division	Sandip Institute of Engineering and Management, Nashik	1
TE Mechanical (Div B) insdutrial visit for subject Manufacturing processII	TE(Mech) B division	Sandip Institute of Engineering and Management, Nashik	1
TE DivisionA Industrial visit to K. S. Tools Ltd Nashik for subject Metrology and Quality controll	TE(Mech) A division	Sandip Institute of Engineering and Management, Nashik	1
TE DivisionB Industrial visit to K. S. Tools Ltd Nashik for subject Metrology and Quality controll	TE(Mech) B division	Sandip Institute of Engineering and Management, Nashik	1
TE Division C Metrolgy and Quality Controll Visit	TE(Mech) C division	Sandip Institute of Engineering and Management, Nashik	1
TE (All 3 divisions)Industrial visit for the subject Turbomachines	TE(Mech) All division	Sandip Institute of Engineering and Management, Nashik	1
SE indutrial Visit for subject Thermodynamics	SE(Mech) All division	Sandip Institute of Engineering and Management, Nashik	1
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
MoU	Internship Program	V3 Data solutions	26/12/2018	25/01/2019	11
Value Addition Program	Value Addition Program on Embedded Systems	Innova Techno Solutions, Nashik. Mr. Ankit	28/09/2018	30/03/2019	30

| MoU | Internship Program | MAHATRANSCO | 22/03/2019 | 23/03/2019 | 23 |
| Internship | Internship Program | Engeniuspark Technologies LLP | 17/01/2019 | 18/02/2019 | 4 |

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
V3 Data Solutions	03/08/2018	Training	135
RPG Foudation	09/06/2019	Train and Hire	135
Innova Tech Solution Nashik	25/08/2018	For Student Staff Value addition Programs Exchange of Expertise in between	33

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
222.33	368.76

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA Library software	Partially	18.11.04.000	2009

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total

Text Books	21725	7109303	117	52129	21842	7161432
e-Books	677	17500	Nill	Nill	677	17500
Journals	66	148149	66	152445	132	300594
e-Journals	838	13570	Nill	Nill	838	13570
Digital Database	2	Nill	Nill	Nill	2	Nill
CD & Video	1747	Nill	Nill	Nill	1747	Nill
Library Automation	1	85500	Nill	2360	1	87860
Reference Books	194	562636	Nill	Nill	194	562636

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NIL	NIL	NIL	31/12/2019

No file uploaded.

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	557	17	155	0	40	15	0	0	0
Added	0	0	100	0	0	0	0	0	0
Total	557	17	255	0	40	15	0	0	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

255 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NPTEL	http://www.siem.sandipfoundation.org/e-source/

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on	Expenditure incurred on	Assigned budget on	Expenditure incurredon

academic facilities	maintenance of academic facilities	physical facilities	maintenance of physical facilites
303.12	41529522	263.29	2180650

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

For maintenance of computers the ERP based call log system is implemented in the institute.The faculty/staff requiring computer related maintenance put a call log from his PC. the call log is then received by system department and they take care of repair.similarly,the maintenance of laboratory,classrooms,sports complex can be done using ERP. The civil work is monitored by project department.In case of repair,the requisition form has to be filled by the concerned staff and to be given to project department and it takes care of repair and maintenance.

http://www.siem.sandipfoundation.org/maintenance-policies/

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Toppers Scholarship	54	190000
Financial Support from Other Sources			
a) National	Government Scholarship	1770	86398291
b)International	Nil	Nill	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Aptitude Session	09/08/2018	133	Mr.Rohit Runwal
Aptitude Test	27/08/2018	24	Prof. A C Taskar
Workshop on Soft Skill	19/09/2018	52	Mr. Osden Dmello
Personality and Leadership Development	24/09/2018	66	Prof. Ashoo Gupta Khan
Carrier Guidance	13/08/2018	36	Mr. Roshan Patil
Employability Skill Development (ESD)	07/09/2018	26	Mr. Dadaram Jadhav
Carrier Counselling	25/09/2018	58	Indrajit Sonawane
Soft Skill Training Program	13/08/2018	480	WE Proprietor (Prakash Tiwari), Mumbai

Foundation Courses	13/09/2018	150	FE Staffs
Yoga Session	21/06/2019	90	Dr. Paresh Rege
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Guidance for competitive examinations	275	120	5	203
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nill	Nill	Nill

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Armstrong MBPL Nashik , Amazon India , Dollar Advisory, IMS People, Dream Construction, Ashoka Buildcon, Nashik, Krishna Solar ServicesDhoot Transmission, Epic Reserch Indore , HFFC, M/S YoM Solar Pvt Ltd, Neumann System	1253	177	Q Spider, Shriram Finance Ltd, Infosys Bangalore, TCS, Savvy Automation Nashik, Provue Technologies	205	26

Dollar Advisory Financial Lt	

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	2	Computer	Computer	KTHM College, MIT World Peace Univ.	MBA
2018	7	Electrical	Electrical	KKWIEER, Yuanze University, Taiwan, SSBT Jalgaon, SUN, Nashik, Govt. Engg. College, Aurangabad, MCOERC, Nashik, PPPU, Gandhinagar	M.Tech, MS

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GRE	2
TOFEL	1
Any Other	2

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Techfight	State	266
Drishti	State	328
Mechsummit	State	619
Desire	National	1000
Technophilia	State	110
Sandipotsav	Institute	450

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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)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	2nd in Swimming	National	1	Nill	412016016	Ankita Waghadkar
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 5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The institute has elected members of Student Council, who represents students' community in Academic Administrative Issues. We consider that it is beneficial for felicitating student's representation in various working bodies in the institute. The members of the council include Class representatives from each class from First to Final year and office bearers like NSS coordinator a Cultural coordinator a Sports coordinator and Ladies representative. The committee is headed by Student welfare officer and assisted by NSS coordinator. The student council helps share students ideas, interests, and concerns with faculties and management to create environment, conducive to educational and personal development. The council acts as a link between department and fellow students towards enhancing learning environment. The students actively participate in organizing both technical nontechnical activities, thereby contributing towards fulfilling goals of the institute. Students help in arranging Industrial interactions / Expert Talks sessions. Every activity arranged for students are assessed by student feedback for improving future activities. Students also help in Administrative activities in the institute. Students coordinate in arranging all CoCurricular, Extracurricular and cultural activities at institute level. Student teams helps in maintaining discipline during any events supports the smooth conduction of the event. Students are active members of NSS group of Institute. Under the guidance of NSS Coordinator, students actively arrange various events focusing on the objective of NSS. Students get involved in NSS camps and provide their services towards the society. As a part of Students Association, all activities are coordinated and supported by students who perform all the necessary tasks. Also many organize educational and recreational activities for students. Students participate in sporting events at the institute from participation to event management. Students actively participate in marketing of events organized by the institute.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Presently, we have Alumni Association who is working with the initiative of "STAY CONNECTED". We have registered our Alumni Association as per the government norms with registration number MAHA/843/NA. Alumni Association consists of office bearers like President, a VicePresident, a Secretary, Treasurer and 5 alumni members. This team looks after the Alumni activities of the institute. The Alumni Association contributes in the institute through the following manners: 1. The alumni members are invited to attend events activities. 2. Alumni Interaction Session or Guest Lectures are conducted where they share their expertise and current technological trends. 3. The students interact with alumni to get updated information on market requirements, as they get realistic inputs related to usefulness of the academics 4. Alumni guide the present students through sessions for building their professional personality. 5. The alumni share their professional experiences with students and encourage them to develop trade skills. 6. Alumni Meets are being arranged regularly towards suggestions related to curriculum design, placement activities and

value – added programs. 7. Alumni suggestions are involved for defining the Program Specific Outcomes, Program Educational Objectives, and in the Mission Vision of department and institute. 8. Alumni Feedback helps in planning activities for professional skill development and contributes to the well being of the Alma Mater. 9. Alumni members help the department to get in contact with industrial / corporate world towards good academic industry tieups and maintaining relations.

5.4.2 – No. of enrolled Alumni:

1763

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

Every department has organized Alumni meet at department level which is attended by around 50 students each. The students visits the department for regular student interaction and guidance. Total number of meetings conducted in academic year 2018:19 are 4.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The Institute promotes culture of decentralization and participative management at various levels. At the Institute level Governing Council (GC) is formed as per the University Grants Commission (UGC) and All India Council for Technical Education (AICTE) guidelines. Governing Council is the central decision making body of the college, composed of members of the management, representative from AICTE, DTE Maharashtra, University, Principal and senior faculty members. The institute has formed College Development Committee (CDC) as per the University guidelines. CDC composed of members of the Management, Principal, representative elected from teaching and non teaching staff, Secretary of student Council. College Development Committee gives guidance on strategic development and its implementation methodology. Principal, Dean Administration and Registrar looks after the overall administrative functions of the institute. Principal, Dean Academics and Heads of department hold regular meetings to discuss on various academic initiatives and issues. For smooth administrative and academic functions, Institute formed various committees with its roles and responsibilities, in facilitating the decentralization policy. 1 Training and Placement (cell Training and Placement cell works in coordination with TP coordinator. Training and Placement cell takes numerous initiatives to enhance Placement opportunities of students and emphasize on industry ready candidates. Training and placement cell functions with decentralization of responsibilities percolated from faculty to Management. The nature of roles and responsibilities towards strengthening of TP activities is as follows: Department Coordinator Training and Placement coordinator Training and Placement officer Head of Departments Principal Management The efforts exerted by each individual leads to the decentralization and participative involvement of all. Training and Placement cell is well supported and motivated by the management. Management takes consistent reviews of TP cell as it helps in strengthening the placement as well as Industry Institute Interaction through participative involvement. 2.Tutor System • The Institute has Tutor system (Mentor Mentee) wherein central tutor coordinator is appointed. He is assisted by the department tutor cocoordinator. Tutor mentor system constitutes assigning 15 or 20 students per tutor in their first year of degree course and

continues to be his tutor till completion of degree. Tutor hand book is to be filled by student under the guidance of tutor. The Tutor handbook contains information like personal details, academic record, achievements, awards, participation in extra and co curricular activities. Tutor analyses the student's past academic record and achievements. Assessment of student based on this record and observation is noted by tutor for future references. Tutor mentor meeting is held every fortnight. • It also helps in identifying slow learners advanced learners. Subject teacher with the help of tutor arranged the remedial classes, library hours, exam paper solutions, and practical assignments. Monitoring of slow learners continues till his progress is seen academically. Advance learners are encouraged, promoted and motivated to participate in co curricular and extracurricular activities. The progress of slow and advanced learners are monitored and communicated to the Head of the Department for necessary action. • Tutor system provides encouragement and support to the students, help them learn from the experiences of others,

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	As we are affiliated to the Savitribai Phule Pune University (SPPU) we follow the syllabi revision as prescribed by the Board of Studies (BOS) of different subjects. The curriculum is designed by SPPU to meet the needs of the industry, modern research and social requirements. SPPU has provision of revision and updation in syllabus as per the demand of current needs of the industry and research area. The Institution provides necessary facilities for implementation of the curriculum to convene the Vision, Mission and core values. For effective delivery of the curriculum, the institution has well qualified and experienced team of faculty members. Experienced faculty members of the institution also contribute in designing and developing curriculum at the University level under their respective BOS. To further enrich the curriculum and improving teaching practices the institute supports the faculty members in various ways by providing the necessary resources. The institute provides academic flexibility to the students for selecting electives, which helps them to become competent as per industry needs. Obtaining regular feedback from the stakeholder is the regular the practice followed by the institute to satisfy all curriculum needs. All these

	feedbacks are analyzed and necessary steps are taken for further improvement in the curriculum. In addition to this institute offers value added programs, addon programs, summer school training programs and soft skill development programs for providing specialized training to the students in their respective field.
Teaching and Learning	The Institute is taking continuous efforts to improve learning experience of the students. Institute organizes induction program for newly admitted students to give information about courses, examination pattern, ERP, Tutor System, scholarships etc. For the first year students foundation course is conducted before the start of academics to create awareness and bridge the knowledge gap. Tutor system is introduced for the first year students to mentor students for personal counseling and academic monitoring. Institution has well defined process for monitoring teaching learning process through Academic Monitoring Committee (AMC). An academic calendar is prepared before the commencement of the semester. The calendar outlines the schedule of semester, internal external examination, seminars, annual functions, sport activities, faculty development programs, industrial visit and parent meetings etc. The faculty members prepare the teaching plan and it is approved by AMC and HOD. AMC monitors the implementation of the teaching plan regularly by collecting the syllabus coverage report fortnightly. Remedial classes are conducted to improve the performance of weak students. Library facility with Book bank, departmental Library, elearning facilities are provided to students. Addon programs, value added programs, internship etc. are organized for advanced learners. Institute has adopted modern teaching learning practices with ICT enabled class rooms, spoken tutorial (IITB), Virtual labs etc. Institute has adequate number of Ph.D. and experienced faculties. Institute has encouraging policies for faculty recognition such as Best Tutor award, felicitation of Ph.D. awarded faculties, sponsoring visits to International Universities, financial

	support for attending conferences and workshops, etc
Examination and Evaluation	College appointed College Examination Officers (CEO) ensures smooth conduct of examinations. Different types of evaluation methods are adopted. Transparency is maintained in evaluation process
Research and Development	To endorse the research culture, the Institute has taken the initiatives to develop the research facility in the upcoming five years to match the R D requisite at par with the top Institutions in the country. To accelerate the RD activities, separate RD cell is formed headed by Dean RD, with allocation of funds for the same. In this direction, the institute has set up an incubation centre and is in the process of developing the advanced laboratory to provide the research facility looking into the requirement of various academic programs. Institute is providing financial support to the faculty members and students for converting their innovative ideas into projects, filing of IPR and the publication of technical/research papers in journals and conferences. This has resulted in filing of total 62 patents out of which 38 patents are published in last 4 years and good number of publications in journals. • Minor Research Projects by BCUD are supported by college. • University appointed ARC (Academic Research Coordinator) monitors research activities in college. • College provides financial support to present and publish research papers for both faculties and students. • Special duty leaves are granted for attending research conferences. • Workshops on research methodology are conducted at regular intervals.
Library, ICT and Physical Infrastructure / Instrumentation	• Advanced laboratory facilities and updated books and well stocked library is available. • ICT based instruments and computers are purchased and used for computer Labs. • College provides 24X7 Internet and WiFi connections along with CCTV surveillance. Institute continuously strives to create and maintain the state of the art infrastructure facilities catering to the current and future needs of the students. The institute has policies

	and procedures to build the infrastructure to meet the standards and norms set by AICTE and SPPU. Institute has a campus area of 11.039 acres with 24363.03 Sq. m. of built up area. The institute has 13327.64 Sq. m instructional area, 1697.42 Sq. m administrative area and 2051.08 sq. m amenities area. Total 40 class rooms with proper lighting, seating space and ventilation with LCD projector and LAN/WiFi facilities, 10 Tutorial rooms, 66 laboratories equipped with good quality equipments are available. Institute has total 541 personnel computers with adequate student computer ratio with separate computer centre. Workshop with area 1015 Sq. m and three well designed seminar halls equipped with modern audio visual system is available. Institute Library and reading room of area 757 Sq. m. is incorporated with digital library along with OPAC to get access to e learning resources. Total 20614 books, 78 Journals/Magazines and 1750 CDs and DVDs are accessible in library. The institute has safe drinking water facility through installation of R.O plant. Two playgrounds of area 28275Sq.m are available in campus for outdoor games. The institute has a facility of indoor Gym. Uninterrupted electricity supply is ensured in the campus with the help of an electrical generator and many inverters and UPS systems. Mass Transport facility is provided to the student to reach college from city.
Human Resource Management	• Study Leaves for faculties pursuing M.Phil./Ph.D. • Necessary Increments are given at various levels
Industry Interaction / Collaboration	• Active placement Cell ensures maximum recruitments in industry and industry institute interactions held at regular intervals. • Industry Experts are invited to take workshops for aspiring students. • "Alumni Meet" is held every year for exchanging innovative ideas and information. • To strengthen IndustryInstitute interaction, experts with diverse experience are invited to deliver a lecture on recent trends and developments. • Leading with a vision of providing industryready candidates, the institute has taken major

	initiative to seek cooperation from various industrial organizations from variety of sectors, ranging from multinational (MNCs) to small scale industries (SMIs). • To cope up with corporate challenges, institute has signed MOUs with local and • multinational industries to provide better platform to all the candidates in terms of Internship, Sponsored Projects, Industrial Visit, Preplacement Offers and Final Placements.
Admission of Students	• Students secure admissions in institute through CAP rounds governed by DTE.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Student Admission and Support	A prospective student can get required information about the institute and the detailed procedure about the admission process. Following aspects of admission are normally included in ERP: Information related to About the institute The courses available Information about faculty, placement, infrastructure etc. Fees Module Student Login Online Document Admission Attendance Feedback Admission process Student registration Enrollment System
Examination	Examination is considered as acid test for both student and teachers. Proper evaluation in spread over basis is required to know student's standard of width and depth of knowledge is taught and acquired and cultivated. Some aspects of examination management are included in ERP are mentioned below: Demo Exam Subject wise Exam Schedule Question Paper Setter Result Preparation Result Analysis
Planning and Development	Proper Management of Human Resource by ERP covers the following: ERP through intranet covers essential information showcasing magnanimity of the institute. Leave Management,Time Table Management, Load Distribution, Faculty Feedback, Activity Plan, Various days celebration
Administration	Educational ERP has edge over traditional method of institutional management. Cost reduction, accuracy and efficiency are some of main factors that keep ERP solution ahead of

	traditional methods. However ERP system deals with the complete institutional process and functioning related to academic, admission, registration, examination, finance, HR, course materials, placement, students information, Alumni etc. Staff Registration, Reporting, Transfer, Attendance Process Staff Salary Calculation All Allowance Examination Module Call Log for: 1) System IT Support 2) Transport 3) Electrical Maintenance. Vehicle Management All types of Leave
Finance and Accounts	Faculty TA/DA Bills Staff Salary Calculation Deductions Details Bills for: 1) Daily allowance 2) Petrol allowance 3) Traveling allowance Income Details

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Prof. S. J. Pawar	FDP at Shegaon College on Computer Vision machine Learning Application	NA	3360
2018	Prof. M. K. Sangole	FDP at Shegaon College on Computer Vision machine Learning Application	NA	3360
2018	Prof. S. J. Pawar	FDP at Shegaon College on Computer Vision machine Learning Application	NA	1170
2018	Prof. S. J. Pawar	Syllabus Orientation Workshop FDP on ML Pune	NA	1950
2018	Prof. M. V. Wagh	Faculty development program	NA	2707
2018	Prof. A. S. Maheshwari	Int. Conference at Jaipur	NA	3500

2018	Roopali Patil	Workshop on Hands on Traning of ANSYS software and its applications at KKW COE	NA	1200
2018	Prof. H. R. Kulkarni	IEEE international Conference	NA	7000

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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	NIL	NIL	01/07/2018	31/12/2018	Nill	Nill

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Computer Vision and Machine Learning	1	03/07/2018	03/07/2018	1
Faculty orientation Workshop	1	13/07/2018	13/07/2018	1
workshop on Introduction to Robotics	1	12/10/2018	13/10/2018	2
FDP on Computer vision Machine learning	1	03/12/2018	07/12/2018	5
workshop on Virtual Labs	2	29/12/2018	29/12/2018	1
FDP on Laboratory PracticeIV	1	08/01/2019	08/01/2019	1
workshop on Implementation of revised	1	06/02/2019	06/02/2019	1

syllabus for the Project StageII				
NPTEL workshop	2	13/11/2018	13/11/2018	1

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
91	137	38	125

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. Loan Facility from the Institute's Cooperative Credit Society. 2. Lien facility. 3. Women Empowerment Program. 4. Provident Fund 5. Gratuity. 6. Maternity leaves for female. 7. Study Leave, Medical leave, etc. 8. Medical Insurance for Employees. 9. Free Health Checkup camp. 10. Financial support for up gradation of knowledge through QIP/ conferences/ 11. Workshops/STTP/Seminars. 12. Transportation facilities for staff. 13. Emergency service (Ambulance etc.) 14. Superannuation Scheme. 15. Subsidize family and batchmates accommodation for needy staff. 16. Tie up with Hospital. 17. Reorganization of faculty members for achievements felicitation of faculty members after PhD.	1. Loan Facility from the Institute's Cooperative Credit Society. 2. Women Empowerment Program. 3. 3.Provident Fund 4. Maternity leaves for female 5. Medical Insurance for Employees. 6. Free Health Checkup camp. 7. Transportation facilities for staff. 8. Emergency service (Ambulance etc.) 9. Subsidize family and batchmates accommodation for needy staff. 10. Tie up with Hospital.	1. Tutor System 2. Customized ERP system 3. Scholarship to Meritorious students 4. Basic medical facilities provided. 5. Free counseling session with counselor 6. Emergency service (Ambulance etc.) 7. Transportation facilities 8. Earn and Learn Scheme 9. Proficient Student association

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Institute conducts Internal and External Financial audit every year to ensure financial compliance. Internal audit is conducted by the parent body of Sandip Foundation. It is conducted twice a year. Financial compliance report of internal audit report is submitted to the Management of Sandip Foundation. The institution is having qualified practicing Charted Accountant as an external auditor. Statutory financial audit of Institute is conducted in two sessions 1. First in the month of November/ December for period of six months starting from

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	NIL

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6.4.3 – Total corpus fund generated

00

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nill	Yes	IQAC
Administrative	No	Nill	Yes	IQAC

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. Orientation/Induction Program 2. Parents Meet 3. Sandipotsav

6.5.3 – Development programmes for support staff (at least three)

1. Fire and Safety awareness session. 2. Online Exam Training 3. ERP Training 4. Scholership Form Filling Training

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Workshop : German Language Course Level A1 2. Value Added Programs : ANSYS Embedded System and IOT 3. Training programs: Hands on Training Program On Java Programming

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	2 Days Automotive Workshop	28/09/2018	28/09/2018	29/09/2018	220
2018	Value Added Programs on ANSYS	28/08/2018	28/08/2018	22/10/2018	17
2018	Value Addition	27/09/2018	27/09/2018	15/02/2019	29

	Program (VAP) on Embedded System and IOT				
2019	Workshop on "Advance Java and Web Technology"	06/02/2019	06/02/2019	10/02/2019	51
2019	TechFight 2k19	22/02/2019	22/02/2019	23/02/2019	400
2019	DESIRE 2k19	23/02/2019	23/02/2019	24/02/2019	1050
2019	SandipDrishti 2019	22/02/2019	22/02/2019	23/02/2019	105
2019	Workshop on German Language Course Level A1	20/03/2019	20/03/2019	03/04/2019	22
2019	Value Added Program on CATIA	04/02/2019	04/02/2019	02/03/2019	16
2019	MECHSUMMIT 2K19	22/02/2019	22/02/2019	23/02/2019	160
2019	Technophillia 2K19	22/02/2019	22/02/2019	23/02/2019	120

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Woman's day	08/03/2019	08/03/2019	20	Nill
Stress Management	24/01/2019	24/01/2019	20	10
Yoga Day	21/06/2019	21/06/2019	15	20

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Power requirement met by renewable energy sources 100 kw Total power requirement 100 kw Renewable energy source Solar Renewable energy generated and used 100 kw Energy supplied to the grid Yes Energy supplied by Wind Energy up to 100 w.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Special skill development for differently abled students	Yes	Nill
Any other similar facility	Yes	1
Physical facilities	Yes	Nill
Provision for lift	No	Nill
Ramp/Rails	Yes	Nill
Braille Software/facilities	No	Nill
Rest Rooms	Yes	Nill
Scribes for examination	Yes	Nill

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	23/09/2018	1	ganesh idol collection	environmental pollution	10
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
NIL	31/12/2019	NIL

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Gurupoornima Celebration	27/07/2018	27/07/2018	30
Debate Competition	21/07/2018	21/07/2018	30
Motivational Session	21/02/2019	21/02/2019	70
Motivation session for overcoming fears of interviews	28/09/2018	28/09/2018	57
Session on Personality Development	28/09/2018	28/09/2018	53
Lecture on Income Tax Depreciation	25/09/2018	25/09/2018	35

Engineers Day celebration	15/09/2018	15/09/2018	90
Teachers Day	05/09/2018	05/09/2018	70
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1 Installation of solar panels 2 Rain water harvesting 3 Students , staff using bicycle,public transport,Pedestrian friendly roads 4 Waste water from RO is recycled for garden use 5 Green landscaping with trees and plants

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1.Title of the Practice: International Internship: 1. Objectives: • To provide an opportunity to work on projects in future technology • To provide International exposure to the students • To develop global employability skills 2. Outcomes of the Training:Exposure to professional behavior, Better chances of employment, improving problemsolving and critical thinking skills, Certification from the University. The training is offered under the Project Based Learning (PBL) environment. The parameters considered for students' selection for Summer School are Area of Interest and Academic Performance, along with the information about student's participation in value addition programs and cocurricular activities. During the training of 45 days, students work on the selected projects of the training under the guidance of the tutor assigned by the host University and try to complete minimum one project. Evidence of successes: Summary of the students participated in the Summer school Training is as follows: • 5 students for Technical University, Sofia, Bulgaria (2014) • 19 students for Technical University, Sofia, Bulgaria (2015) • 9 students for Technical University, Sofia, Bulgaria (2016) • 6 students for Athens Information Technology, Greece (2016) • 5 students for Ural Federal University, Russia (2016) • 18 students for Klaipeda State University of Applied Sciences, Lithuania (2017) • 20 students for The BonchBruevich SaintPetersburg State University of Telecommunications Synergy University, Moscow(2018) Total 82 participants are benefited from the training in terms of their projects, publication of papers and placements. 2.Title of the practice: Intellectual Property Rights (IPR) 1. Objectives of the Practice: • To identify, protect and leverage the rights of IPs that are generated from research, patents and copyrights. • To Provide a fair balance between the rights of inventors/applicants and third parties. 2. The Context: Promote innovation via the reward granted to the inventor. Promote technology diffusion via publication and access to patents documents. Promote competitions through innovation The main IP policy (Part A) presents the generic position of SF. The inventions related IP policy (Part B) relates to patent, design, layout, trademark, bio diversity and related rights whilst the expressions related IP policy (Part C) provides direction for the copyright and related rights. Various forms that explain in detail the sub processes, various situations and required documentation will be included as a part of the implementation of this policy. Working out the financial outlays for patents with registration process and filing of the patents proposals Evidence of successes: Due to moral support of Institute, enhancement in filing national level patents has been observed and till date total 95 patents are filled in Indian Patents. The Controller General of Patents Designs and Trademarks (CGPDTM), Government of India published nationwide ranking of institutes in which Sandip Foundations Sandip Institute of Engineering and Management, ranked 8th in 201415 and ranked 9th in 201718 among top 10 Indian Applicants for Patent from Institute Universities, along with IITs, IISc and few eminent universities

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://www.siem.sandipfoundation.org/about-siem

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Training and Placement Cell of Sandip Institute of Engineering and Management has taken various initiatives to enhance training, placement and internship opportunities for all the students of Engineering in strengthening its mission towards the institute's excellence. Sandip Foundation believes that "Placement is the result of quality Training". From first year of Engineering, Faculties start molding students in basic technical aspects. Continuing with Quality technical syllabus, every possible effort is made to prepare students ready for recruitment process from second year onward. The mock Interviews are conducted twice in a semester to make sure that students present themselves in a professional manner fearlessly. Through this session students are also mentored to prepare their profiles suited professionally. With a dedicated Training Placement Officers (TPO) and excellent support of Department Training Placement Coordinator (TPC), students get maximum opportunities. While TPO focuses on Global Market Department TPC strives to fetch maximum opportunities from local industries. Effective teaching learning process ensures best results in academics that helps maximum students to attain the eligibility criteria for recruitment. Apart from regular curriculum, students are also nurtured in various Value Added Programs (VAPs) designed to make the students aware of current industry market trends for their branch. Experts from academics and industry and engineers involved in multitasking are invited for interactions to emphasize and explore possible collaboration with the industry. Also thanks to Symposiums and HR Meets that take place. Sandip Foundation is trusted by many Industries like Mahindra and Mahindra, Bosch, Rishabh Instruments, Thyssenkrupp, Kryfs Components, Zensar Technologies, Yazaki Corporation, Eternus Solutions, Technoforce, Prothious to name a few. Students are also promoted and motivated to take part in recruitment drives at other places. With rigorous training and grooming sessions, students have shown significant results in placements since last 4 years. Institute has organized Job Fair in 2016 to initiate "zero cost recruitment opportunity" to industries and students as well. Students from other institutes of Maharashtra were invited to take a part in quality Job Fair. Approximately 200 jobs were offered to students of various branches. Leading with a vision of providing industry ready candidates, the institute has taken major initiative to seek cooperation from various industrial organizations from variety of sectors, ranging from multinational (MNCs) to small scale industries (SMIs). To cope up with corporate challenges, institute has signed MOUs with local and multinational industries to provide better platform to all the candidates in terms of Internship, Sponsored Projects, Industrial Visit, Preplacement Offers and Final Placements. Institute has taken up a step forward to achieve collaboration with leading giants in India. Sandip Foundation, leading with Vision to be the best is creating a bench mark in Placements every year by the virtue of Quality Staff and Supporting Management.

Provide the weblink of the institution
http://www.siem.sandipfoundation.org/about-siem

8.Future Plans of Actions for Next Academic Year

Following is the Future Plan of action for next academic year: To make preparations to secure NAAC accreditation with "A" Grade. In order to pursue for

said NAAC accreditation, and to ensure the quality improvement And assurance in the institution, following initiatives will be undertaken for different Components of the system: Faculty Development: 1. To assimilate and retain competent and skilled faculties with high individual gains and Institutional returns. 2. To identify the elemental and inherent skills of faculties and map them into various Committees for productive outcomes like research, consultancy, administration etc. 3. To invigorate faculty in Skill development programs through participation in seminar, Conferences, STTP, workshops etc. of National/International recognition. 4. To facilitate the vital habitat for initiating Professional memberships through various Industry and research bodies so as to enhance Industry Institute Interaction for Individual's growth. 5. To motivate the faculties for faculty up gradation. Research Innovation: 1. To promote a research hub facilitating Research Laboratories in collaboration with various industries covering heterogeneous research areas. 2. To expose the in-house and collaborative research through National/International Footprints such as IPR, Research publications, Consultancy etc. 3. Provide most competent staff and excellent support facilities like laboratory, library and internet required for good education on a continuous basis. 4 .To undertake goal oriented research, competitive and relevant to commercial as well as societal benefits. 5. To invite significant number of persons from industry from India and abroad for collaboration and promote Industry Institute Partnership. Student Development: 1. To incorporate the culture of project based, participative and experimental learning amongst students, to identify the gaps in curriculum and bridge it through Value Addition Programs (VAP). 2. To toil for mock preparation for recruitment and process and organise on regular basis through assessment, GDs, and PIs. 3. To form and to operate various students skills and activity clubs for co curricular and extracurricular development. 4. To provide remedial mentoring facilities for overall growth. 5. Making use of MOODLE software for making learning resources available to students. Entrepreneurship: 1. To act as an institutional mechanism for providing various services including information on all aspects of enterprise building to budding science and technology entrepreneurs. 2. To create and nurture the Entrepreneurial Ecosystem in the institution and other institutions in the nearby territory to promote the objectives of various National, State level, Regional initiatives. Infrastructure Development: 1. To deploy ICT tools in every classroom for enhancement of teaching learning process towards Project based learning. 2. To use and promote Free and Open source software in Education (FOSSE) tools recommended by various governing committees and eminent institutions. 3. To ensure girls and boys hostels with all essential facilities like centralized dining, Green Gym, Indoor Games etc. 4. To develop playgrounds for major outdoor games like Cricket, Football, Volleyball, Hockey etc. 5. To ensure optimum utilization and maintenance of infrastructure. Placement: 1. To map students inclination for placements, higher studies and entrepreneurship. 2. To sharpen Employability Skills of students. 3. To leverage networking and collaboration with Industry