Part A	
Data of the Institution	
1. Name of the Institution	**CHOUDHARI ATTARSINGH YADAV MEMORIAL TRUST SIDDHANT COLLEGE OF ENGINEERING,SUDUMBARE**
Name of the head of the Institution	**Prof. UTTAM VILAS SHINDE**
Designation	**Principal(in-charge)**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02114661901**
Mobile no.	**9850180066**
Registered Email	**siddhant.naac2017@gmail.com**
Alternate Email	**engineeringprincipal@gmail.com**
Address	**A/P-SUDUMBRE, CHAKAN-TALEGAON ROAD, TALUKA MAVAL**
City/Town	**Pune**
State/UT	**Maharashtra**

Pincode	**412109**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Prof. RAHUL RATNAKAR KULKARNI**
Phone no/Alternate Phone no.	**02114661901**
Mobile no.	**9762999729**
Registered Email	**siddhant.naac2017@gmail.com**
Alternate Email	**siddhant.iqac@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.siddhantcoe.in

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.siddhantcoe.in/pdf/Academic%20Calender%20A.Y.%202019_20.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.40**	**2018**	**26-Sep-2018**	**25-Sep-2023**

6. Date of Establishment of IQAC	**11-May-2017**

7. Internal Quality Assurance System

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

Academic Audit	24-Jul-2020 12	14
[View File]()		

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
Nil	0	Nil	2020 0	0
[View File]()				

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 :	**4**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View File]()
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)

- **Student Feedback System Department Institute • Live Feedback of Classroom Teaching • Preparation of Research Work • Mentor Mentee Scheme • Co Curricular Activities for the Students • Training and Placement Activity**

[View File]()

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
To implement online feedback system	Online feedback are taken.
To seek live feedback of classroom teaching	Improved teaching learning process.
Preparation of research file	Development of research environment and

	Increase in quality publications.
Mentor-men tee Scheme	Discussion of difficulties in academic is resolved.
Co-curricular activities for the Students	Motivation and Personality development of the student.
[View File](#)	

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 ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	23-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)	1.FINANCE: Sub module Feature Function Benefit Accounts Account setup and masters Maintains and records complete book keeping and financial operations Prepares financial statements and reports in real time with complete accuracy Payroll Prepares payroll and record of all salaries Sets and processes pay slips against relevant account heads Accurately computes and manages monthly payroll of all employees. Fees Master, Information Reports Manages and records every aspect of this key source of income Immediate records of fees Collected and due in real time. Every function right from collection, receipts, refunds, deposits, scholarships and others are seamlessly executed and accounted exactly. 2.BIO METRIC ATTENDANCE: Hand held bio metric attendance A simple device attached to an establishment section through LAN It checks the attendance by comparing fingerprints with a database It can be used at any location to give perfect attendance of any assembly and no manipulation is possible 3. INSTITUTE IS IN PROCESS OF DEVELOPING ITS OWN MIS SYSTEM: Below is

the list of functionalities available in the system: i. Admission module : a)Student Registration b) Uploading Students personal and academic information c) Document uploading d)Information document verification e)Exporting student information ii. Academic Module (in process): a) Staff wise subject allocation b) Class wise student allocation c)Subject related data uploading d) Student Attendance e) Defaulter list iii. Feedback module (in process): Staff feedback is to be collected from students.

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

Siddhant College of engineering is currently having the following mechanisms for effective delivery of curriculum. At the beginning of an academic session, departmental meetings are held in every department in which the topics in the syllabus are distributed to the teachers after discussion with them. ii. Number of classes for each topic is decided according to the syllabus iii. College administration provides a well constructed weekly time table for each year /semester for both UG and PG classes. iv. Departmental Heads prepare the routine which is approved by the Principal duly. v. Teachers prepare their Lectures according to the syllabus allotted and classes available. vi. Classes are held according to the schedule under the supervision of college administration. vii. We have a very rich central library with open access system and many departments have their rich Departmental libraries too for the benefit of the students. A good number of Journals are subscribed by our college. Inflibnet(e-books and e-journals) facility is available for teachers and also for the students Our college has registered for NPTEL (National Programme On Technology Enhanced Learning) where students can have the access of e-learning through online Web and Video courses for various streams. viii. Various classroom teaching methods based on various needs of different subjects are regularly used for the effective delivery of the curriculum such as, a. Chalk and Blackboard method b. ICT-enabled teaching-learning method. c. Use of different software. d. Use of Scientific models and charts for effective lecture delivery. e. Distribution of class notes by teachers. f. Group discussion amongst the students during the class. g. Micro-teaching and seminars by students related to curriculum. h. Paper presentation by the students. i. Proper and adequate instrumentation facility is given to the students for their practical Classes; there is also a central instrumentation facility for that purpose.. j. Project work, dissertations are conducted for fulfillment of their degrees. k. Seminars and special talks by experts are also arranged regularly for advance studies. l. Regular class test, Mid-term examinations, Mid semester examinations, regular assessment in Practical classes, viva-voce, are done to keep track on the improvement of the students. m.Remedial and tutorial classes are also conducted based on requirement. n.Departments maintain the detailed record of the classes, assessments, project reports etc. College administration also keeps a vigilant eye on the results, departmental proceedings and student needs and also keeps record of the

different activities of the college regarding teaching learning, Development and improvements of different methods of effective curriculum delivery.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Nil	Nil	Nil	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	0	Nill
ME	0	Nill
View File		

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
Nill	Nil	Nill

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

	Certificate	Diploma Course
Number of Students	86	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
Online Workshop on Wireless Sensor Netwok	03/06/2020	34
Online Workshop on Mobile communication	13/06/2020	24
Online Workshop on A concept of Project to Product	13/06/2020	28
View File		

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 Department	8
BE	Civil Department	7
BE	Electronics & Telecommunication Department	12
BE	Mechanical Department	6
View File		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
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

Student's feedback is filled by both UG and PG Students on their last examination day in the college The points are calculated according to the grades given by the students in various criteria. The grades are given as A, B, C, D, E (where A: Excellent (5) B: Very good (4) C: Good (3) D: Fair (2) E:Poor (1)). The Average and percentage of various criteria are calculated. The strength and weaknesses mentioned by the students are summarized. Feedback is also collected from the parents during Parent Teacher Meetings (PTMs) that are organized by each and every department of the college. Suggestions and comments given by the guardians are also taken into account for future development.

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	First Year All	330	29	26
BE	DSE MECH	55	65	65
BE	DSE E&TC	132	29	29
BE	DSE COMP	98	128	127
BE	DSE IT	58	33	32
BE	DSE CIVIL	63	35	35
View File				

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
2019	651	58	83	10	93

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	Number of	ICT Tools and	Number of ICT	Numberof smart	E-resources and

Teachers on Roll	teachers using ICT (LMS, e-Resources)	resources available	enabled Classrooms	classrooms	techniques used
93	80	5	4	8	5

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)

Counseling student is the best practice running in SCOE Sudumbare. It is a process of creating a supporting relationship with faculty and students and parents aiming at comprehensive development of students. In this activity, Mentor helps a less experienced student to bring with them a higher level of experience for values of life. Mentoring helps to shape an individual's beliefs and values in a positive way. There are many benefits of mentor ship in student development that includes communication, interpersonal relationship, technical, verbal, motor and leadership skills along with creative thinking and motivating students for extracurricular activity. IQAC initiated the Faculty development training programs to meet the requirements of Mentoring. The Mentors had interactive sessions with professional psychologists and Doctors this broadened their knowledge to understand the problems of student men-tees. A meeting of faculty and student (Mentor and Men-tee) is conducted on regular basis twice in a month. Observations about students are recorded per meeting basis. Parents are also well informed about various aspects of development of their ward. The methodology and guidelines are reformed time to time as per the suggestions received from centralized meetings. Mentoring system implemented at SCOE Sudumbare has helped to address the issues and concerns of students on their daily working life and find solutions that work for them. Sample is uploaded for reference.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
709	93	1:8

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
93	93	Nill	12	8

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
2019	Nil	Nill	Nil

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	614919110,614961210, 614937210, 614924510,614924610	1	18/05/2020	21/07/2020

BE	614919110,614961210, 614937210, 614924510,614924610	2	30/05/2020	20/07/2020
BE	614919110,614961210, 614937210, 614924510,614924610	3	30/05/2020	29/07/2020
BE	614919110,614961210, 614937210, 614924510,614924610	4	30/05/2020	11/11/2020
ME	614961210, 614937210, 614924510, 614924610	1	12/06/2020	10/11/2020
ME	614961210, 614937210, 614924510, 614924610	2	12/06/2020	10/11/2020

[View File](#)

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Institute closely follows all the reforms introduced by SPPU. SPPU envisages the need for radical reforms in traditional examination and assessment system by evolving a credible, effective and transparent evaluation system that responds confidently to the challenges and newer demands of a knowledge society. The syllabus and evaluation scheme are revised by SPPU periodically to meet global standards and update students to latest trends in technology. Institute made reforms in CIE, according to the reforms made by SPPU. In revised syllabus from 2015, University introduced online examinations for FE, SE and midterm examinations for TE and BE students. While implementing this pattern, certain limitations were surfaced such as final evaluation for course was based on total marks of online and end sem examination without considering independent passing. In 2015 pattern of revised syllabus, credit based evaluation was introduced as per directives given by UGC. Institute has consistent practice to conduct class tests, assignments, tutorials which are part of formative assessment. From 2017, internal assessment system is revived by introducing midterm and end term examination. Retests are conducted from year 2017 for performance improvement and confidence building, to give an opportunity to nonperforming students. Term work marks are allotted by maintaining Continuous Assessment Sheet (CAS) by each teacher to evaluate performance of students during practical sessions. In year 2017, CAS is again revised and though each experiment is assessed for 10 marks, the performance parameters are altered. Project progress is monitored periodically in both the semesters by departmental committees specially constituted for this purpose. Mock practical examinations are conducted to give beforehand experience of university practical examination to students. Makeup classes are introduced from year 2017for students who could not attain the required attendance for medical or other valid grounds, in view of bringing these students academically at same level as that of regular students. This also enhances self learning ability of students. The following reforms of SPPU are incorporated in internal assessment of PG courses. In ME 2013 Pattern 50 marks internal assessment and external assessment of 50 marks. End Semester exam papers are set and assessed at institute only for electives. Choice based credit system Institute has

adapted various assessment tools for multidimensional development of students such as presentations by students on advanced topics, Group Discussions, Quiz, Case study which enrich their independent learning, communication skills, behavioral aspects etc.

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

Before commencement of every academic year, Principal along with all department head of the institute prepare the academic calendar, in accordance with academic calendar of SPPU. The academic calendar is circulated to all departments. Every department in turn prepares its academic calendar which includes planning of industrial visits, workshops, seminars, guest lecturers in addition to activities mentioned in institute academic calendar. Head of each department allocates the theory and laboratory courses to the teachers based on their expertise and choice. The department timetable coordinators prepare timetable for each class so that teaching scheme given by SPPU is followed. The class timetables are displayed on common notice board, individual time table is provided to all faculty members and laboratory time tables are displayed in respective laboratories. Due to pandemic situation we have conducted online lectures using Microsoft team, Google meet and Zoom meeting and also for that we have purchased Microsoft software.

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.siddhantcoe.in/pdf/FE.pdf

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
614961210	BE	Mechanical Engg	41	39	95
614937210	BE	Electronics & Telecommunication Engg	12	12	100
614924510	BE	Computer Engg	51	51	100
614924610	BE	Information Technology	2	2	100
614919110	BE	Civil Engg	42	39	93
614961280	BE	DSE Mechanical Engg	14	14	100
View File					

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)

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
Any Other (Specify)	0	0	0	0
International Projects	0	0	0	0
Students Research Projects (Other than compulsory by the University)	0	0	0	0
Projects sponsored by the University	0	0	0	0
Industry sponsored Projects	0	0	0	0
Interdiscipli nary Projects	0	0	0	0
Minor Projects	0	0	0	0
Major Projects	0	0	0	0
[View File]()				

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
Nill	Nill	

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
Nill	Nill	Nill	Nill	Nill
[View File]()				

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
SCII	Siddhant Centre for Incubation Innovation	SCOE, Pune	Nill	Nill	Nill

View File

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
Nill	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)
National	FE-APLLIED SCIENCE	1	Nill
International	Computer Engineering	25	Nill

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

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
Complex event processing of health data in real time predicting heart failuer risk	Deepak Gupta	IJRTE	2019	17	SCOE,PUNE	Nill
Share market production using deep nueral network	Deepak Gupta	IJRTE	2019	17	SCOE,PUNE	Nill
Stability and steady state	Brijendra Gupta	Annals of Nuclear Energy	2020	59	SCOE,PUNE	Nill

analysis of control and safety systems of Nuclear Power Plants						

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
Stability and steady state analysis of control and safety systems of Nuclear Power Plants	Dr.Brijendra Gupta	Annals of Nuclear Energy	2020	59	Nill	SCOE, Pune
Enlighting binding behaviour of sulfomatocalix(4) arene receptor with 2-acetoxybenzoic acid through the lens of experiment and theory	U.V.Shinde	Journal of Molecular liquids	2019	82	Nill	SCOE, Pune

View File

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nill	Nill	Nill	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

NSS Special Camp	Kinhi Village, Dehu Cantonment, Pune	5	50
Save Fort program	ShivneriFort,Junner,Pune	5	33
Health Camp	Aditya Birla Hospital,Chinchawd,Pune	10	50
Tree Plantation	Bhandara Dongar,Dehu,Pune	15	50
Swachata Abhiyan	Shivneri Fort,Junner,Pune	15	50
No Plastic Abhiyan	Shivneri Fort,Junner,Pune	15	50
Donation to Flood Relif School	Jilha Parishad Primary School,Kutwad,Shirol, Kolhapur	5	5
Swacha Barat	Balgram Anathashram,Shelpimpalgaon	15	50
Constitution Day Celebration	Siddhant Group of Institutions	30	200
Blood Donation	Pimpri Serological Institute Blood Bank	5	20

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
Nil	Nil	Nil	Nill

View File

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
Swachata Abhiyan	Shivneri Fort ,Junner,Pune	Cleaning	15	50
Swacha Barat	Balgram Anath ashram,Shelpimp algaon	Cleaning	15	50
Health Camp	Aditya Birla Hospital,Chinch awd,Pune	Training	10	50
Blood Donation	Pimpri Serological Institute Blood Bank	Blood Donation	5	20

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
Smart India Hackathon	02 Teams(12 students)	Nil	90
PCMC Hackathon	01 Team (06 students)	Nil	60
View File			

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
Government of India	NSDC	RTTC, BSNL, Chinchwad , Pune	01/05/2019	30/06/2019	02
Private	Bramhansh Technologies Pvt Ltd.	SCOE, Pune	01/12/2019	01/03/2020	04
View File					

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
MCED	01/10/2019	Interpreneurship Training and Research	40
View File			

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
45650297	41500270

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing

Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Others	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Classrooms with Wi-Fi OR LAN	Existing

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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
AutoLib NG	Fully	Upgraded version NG	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	20641	7402319	16	670	20657	7402989
Reference Books	Nill	Nill	Nill	Nill	Nill	Nill
e-Books	Nill	Nill	Nill	Nill	Nill	Nill
Journals	74	196495	Nill	Nill	74	196495
e-Journals	4623	Nill	Nill	Nill	4623	Nill
Digital Database	1	62100	Nill	Nill	1	62100
CD & Video	1300	Nill	Nill	Nill	1300	Nill
Library Automation	Nill	28000	Nill	Nill	Nill	28000
Weeding (hard & soft)	Nill	Nill	Nill	Nill	Nill	Nill
Others(specify)	Nill	Nill	Nill	Nill	Nill	Nill

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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
0	0	0	Nill

View File

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	249	11	100	1	1	8	249	100	0
Added	0	0	0	0	0	0	0	0	0
Total	249	11	100	1	1	8	249	100	0

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

100 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
Leased Line	http://www.siddhantcoe.in/

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 academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
19444200	17676546	24382990	22166355

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)

The institute has a mechanism to maintain and upkeep of the infrastructure,facilities and equipment. Building infrastructure: Institute has a full timeCivil Engineer and a supporting staff to look after the maintenance of buildinginfrastructure. Electrical infrastructure: Institute has trained and qualifiedstaff to look after the maintenance of transformer, protection devices, tubes,fans and CCTV. Institute has annual maintenance contract (AMC) for generator, UPS . Furniture: Institute uses its own workshop for the manufacturing and maintenance of wooden and steel furniture. Equipment: The laboratory incharges look after the maintenance of the equipment. Laboratory incharge and laboratory assistant ensures the proper functioning of all equipment in the laboratory ITinfrastructure: Institute has a system and networking team for maintenance ofcomputers, computer hardware, networking, internet facility and software.

http://www.siddhantcoe.in/

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	**0**	**0**	**0**
Financial Support from Other Sources			
a) National	**0**	**Nill**	**0**
b)International	**0**	**Nill**	**0**
View File			

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
Induction (bridge course) for FE 2019 course	**19/08/2019**	**28**	**Experts from various academic colleges in SPPU**
Yoga and meditation	**21/06/2019**	**120**	**Vivekhanda Kendra Kanyakumari Shaka, Chinchwad**
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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
2019	**NSS**	**50**	**Nill**	**Nill**	**Nill**
2019	**Motivational lecture by department of mechanical engineering under IQAC**	**Nill**	**200**	**Nill**	**Nill**
2019	**Yoga and meditation conducted by Vivekhanda Kendra Kanyakumari Shaka, Chinchwad**	**120**	**Nill**	**Nill**	**Nill**
2019	**One day Innovative & Entrepreneurship Development**	**Nill**	**150**	**Nill**	**Nill**

programme of EDC conducted by Computer & IT Dept.in c ollaboration by IQAC					
[View File](#)					

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
Tecure Technology	60	2	Aruxx Technologies India Pvt. Ltd.	32	1
[View File](#)					

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
2019	1	Engineering	Electronics Telecommunic ation	Siddhant college of engineering	M.E. ETC (VLSI)
2019	2	Engineering	Mechanical	Siddhant college of engineering	M.E. Mechanical (Design Engg.)
2019	1	Engineering	Computer	Buffalo university	M.S.
2019	1	Engineering	Electronics Telecommunic ation	Ireland University	M.S.
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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
NET	Nill

SET	Nill
SLET	Nill
GATE	3
GMAT	Nill
CAT	Nill
GRE	2
TOFEL	2
Civil Services	Nill
Any Other	1
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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
Posture presentation	Institution Level	15
Quiz competition	Institution Level	20
Table tennies	Institution Level	20
Treasure Hunt	Institution Level	25
Volleyball	Institution Level	48
Carrom	Institution Level	18
Chess	Institution Level	15
Badminton	Institution Level	48
Kabadi	Institution Level	20
Box cricket	Institution Level	70
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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
2019	Nill	National	Nill	Nill	Nill	Nil
2019	Nill	Internat ional	Nill	Nill	Nill	Nil
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The institution has student representatives for different activities concerning their interest. Following activities were conducted during A.Y. 2019-20. 1. National Service Scheme (NSS) is beneficial to both students as well as the society in various different means. NSS helps the student to grow individually and also as a group. It makes the students confident, develop leadership skills, and gain knowledge about different people from different walks of life. The students enrolled under the scheme are given different types of work that increases their skills in areas of field work and Society. Activities under

this scheme are 1. Blood donation 2. Campus cleaning. 3. Celebration of important days. 4. Orientation camps. 5. Participation of students in various seminars conducted all over the state. 6. Various cultural activities aiming at personality development of students. 7. Raising of funds for various altruistic activities. 8. Plantation. 2.Yoga Day- the objective of yoga day celebration is Making people aware of physical and mental illnesses and providing solutions through yoga. It also aims to develop a habit of meditation for peace of mind, self-awareness which is necessary to survive in a stress-free environment. 3. Sports and culture event- many committees were assigned for different sports and culture activities as per their interest and student has made all events grand success. The other activities conducted were : 1.Personality development for students 2. Health awareness program 3.Self defence program 4. Disaster management. 4. EDC:-On 26th August 2019, In Siddhant College Of Engineering, The Department Of Computer Engineering has organized a workshop on "Innovative Entrepreneurship Development", in association with Incubation, Entrepreneurship Development, and Internal Quality Assurance Cell. The following speakers are invited: 1. Dr.Sujit Dharmpatre MIT Kothrud, 2. Mr. Sunil Jagtap (MD) Pinnacle Infra Pune, 3. Mr. Mohan RajaramAnturkar (MD) M Square Engineers Pune 4. Mr. Anil BhushanSugandhi (M.D) Rajesh Engineering Works Pune All the above were industrialists and at a position of managing director having a turnover of around 10 crore each. They have guided our students from all discipline (Civil, Computer, E TC, FE Coordinator, Information Technology, Mechanical engineering), to shape students career in terms of being an entrepreneur.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes Number 1840/2017/PUNE, Registration BOOK No.: F50254/P The ALUMNI Association is registered with office of the Pune Bhibhag PUNE registration act, 1860. Dated: 04042018 Pune, Maharashtra. The alumni association of Siddhant college of engineering is actively working since many years. Many times whenever alumni are visiting our institute they like to share their professional life experience with the current students. Always they are trying to deliver valuable information regarding to the competitive exams, career guidance, preparation for aptitude tests, resume preparation, guidance for higher studies in India as well as abroad. It helps to overcome unemployment from the society. Our alumni cell is always try to make a contact of current students with the alumni by organising many events and activities under alumni association which also helps to the general development of institute as well as current students of the institute. It helps to bridge the gap between current students and alumni. Many times we call our alumni as a evaluator for final year student's project competitions, and as a chief guest for culture event to inspire our current students. All the alumni are enthusiastic and eager to contribute in every possible way they can and it shows their close attachment with college and their juniors.

5.4.2 – No. of enrolled Alumni:

178

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

89000

5.4.4 – Meetings/activities organized by Alumni Association :

The alumni Meet, "Yaden 2020", were inaugurated by the Executive Director of Siddhant COE, Hon. Mr. G.M. Deshmukh on 7thFeb. 2020. The meet started traditionally with the lighting of lamp by the chief guest and was followed by

the saraswati vandana.The occasion was graced by more than 75 Alumni ranging across various batches. The Inaugural session was also attended by Principal Dr. D.K.Chavan, Vice Principal, Dr. J. R. Panchal, HODs of all departments and staff members of Siddhant COE. Prof. A. A. Kokate welcomed the alumni and also gave brief introduction about alumni association. The Inaugural session was followed by cultural programme by our students and alumni. The program ended with delicious lunch.The vote of thanks was given by Prof. N. S. Kulkarni.

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 management of Siddhant College of Engineering comprises of 1. Governing Body (GB) 2. Local ManagementCommittee (LMC) 3. Principal 4.Head of Department (HOD) There are two types of policy decision: 1) Institute Policy Implementation 2) Statutory Bodies' Policy Implementation. The institute follows systematic decentralization of the work while implementing these policies. The management is involved in many activities where major decisions are required to take. 1) Institute Policy Implementation – There are different committees formed for effective implementation of policies laid down for the overall development of SCE by G Band LMC and support of head of department (HOD) and faculty. Deliberations of these policies are made initially at department level where inputs of stakeholders are also considered. All decided activities further discussed with Department Advisory Board (DAB) which comprises of HOD, senior faculty, representatives from industry, alumni, parent and students for their suggestions. Such approved plan is executed with help of staff of the institute. Example – Implementation of the batch wise Guardian Faculty Mentor (GFM) scheme. 2) Statutory Bodies' Policy Implementation – There are three statutory bodies viz. All India Council for Technical Education (AICTE),Directorate of Technical Education (DTE), Savitribai Phule Pune University(SPPU) which lays different mandatory policies like infrastructural norms,admission process, university examination etc. Work is distributed among different committees for effective implementation. One of such example of University examination is given below – College Examination Officer (CEO) is appointed by the Principal for conduction of all University examinations. As per University Academic calendar, institute academic calendar is prepared.Academic calendar includes list of pre planned programs of departments' and examination schedules. Academic calendar is brought to the notice of all concern including CEO. CEO recommends faculty for Sr. Supervisor and Assistant Sr. Supervisor which is approved by the Principal. CEO then appoints the duty of Jr. Supervisor, peon and various clerks for smooth conduction of the examination. Following are the committees for smooth conduction of academic aswell as administration activities – 1.Anti Ragging Committee 2.IQAC Committee 3.SC/ST Committee 4.OBC Committee 5.Grievance Redressal Committee 6.Internal Compliant Committee 7.Women's Grievance Committee 8.Systems and IT support committee (ERP Control) 9.Examination Committee 1 10.Academic monitoringcommittee 11.Research and development committee 12.Library Committee 13.Entrepreneurship Development Committee

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

Partial

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	The institute is affiliated to Savitribai Phule Pune University (SPPU). Board of studies (BoS) is a body in the University to formulate the curriculum. The department has representation in BoS. Faculty members from this institute are nominated on the committee of faculty coordinators at the University. These members of BoS/ CoS use the inputs collected by the institute and contribute in curriculum development for quality improvement. Inputs are obtained by following means • Interaction with the industry through R and D cell. •Interaction with parents through Parent Teacher Association • Interaction with Alumni • Interaction with academicians through workshops • Comparative study of curriculum of various universities through Open sources
Teaching and Learning	Inputs from Student feedback, Alumni and Industries are considered for improving the teaching learning. Quality improvement strategies adopted by the institution for Teaching and Learning Semester Recommencement Preparations •Departmental Academic Calendar •Teaching Plan • Course learning Objectives and Course Outcomes •Lecture notes • A further useful resource is provided in the form of Audio Lectures on the PowerPoint Platform.These lectures are accessible to all the students and teachers in the institute. • Updating the library with appropriate books as suggested by the faculty. • Modifying the laboratories to cater for the needs of revised syllabus and new technology. • Course related entire material, attendance of students, test performance of students are uploaded here by the faculty. Monitoring students' performance through •Internal Unit Test I and II •Improvement tests • Mock Tests and practical's • Assignments, tutorials and seminars, projects Monitoring the teaching process through • Online feedback from students (once in semester) • Oral feedback from students by Head of Department • Academic audit by peer committee • Audit of completed syllabus • Result analysis for internal as well as external (University) examinations. Addressing issues of individual student • Remedial classes.

Examination and Evaluation	Internal unit tests are conductedper semester. A preliminary examinationis conducted at the end of semester.Improvement tests are also conductedafter result analysis for poorperformers.Exam portal is used foraddressing mock practice of onlineexaminations. Remedial classes are conducted for slow learners.Question banks and model answers areprepared by the faculty members anddistributed to the students. Timelyassessment of tests is done and theresult is displayed. Term workevaluation is done on continuous basis.Students are made aware of their termwork performance on early basis so thatthey get an opportunity to improvetheir credentials. External theory examination and practical/oral examinations are conducted by SPPUschedule and rules. The Faculty members contribute in the examinationwork like setting question paper, beinginvigilators for theory examination, senior super visors, examiners, moderators etc.
Research and Development	The institute has MOUs and collaborations with reputed industries, national and international institutions and universities. The Several faculty member stake advantage of this facility and enhance their career by obtaining doctorates, publishing technical papers, books etc. Well-equipped Research Labs are developed for the funded projects and for the PG programs to improve quality of the research. The institute motivates the faculty to undertake research activities through post graduate studies and doctoral studies. It motivates them to publish research papers. For this, an incentive such as financial assistance for research paper presentation etc. is provided. Potential research collaborators are identified and MoUs are established.
Library, ICT and Physical Infrastructure / Instrumentation	Library, ICT and PhysicalInfrastructure / Instrumentation ICT department regularly updates ICT facilities for classrooms, tutorial rooms and Laboratories. Presently, Department has all class rooms that are equipped with LCD system, WiFi facility and wired internet/ network facility.The

	department regularly enhances the Power backup facility for laboratories. Special attention is provided in enhancing Internet connectivity. Library Central Library committee gives guidelines for improving the quality of library resource. Suggestions from Library committee and IQAC suggestions are used for improvement in quality of library resource. Automation in Library management is increased. New books/journals are purchased every year to update the library. Each Department has its own Departmental Library facility that includes textbooks, project and seminar reports and papers published. Physical infrastructure is always monitored
Human Resource Management	For professional development of the HR, the institute delegates the faculty and staff to undergo development programs outside the institute, provides technical resources and financial assistance to undertake such development programs. The institute organizes HR development programme for skill up gradation and training of faculty, staff and students. Faculty are felicitated for their academic achievements. For compensation and benefits of the students and the staff, welfare scheme exist in the institute.The institute uses performance evaluation methods for the HR. At the end of every academic year, Performance evaluation of the staff is done by appraisal system .Weekly department meetings with the heads are conducted to ensure healthy relations and communication among the members. Occasionally, meetings of faculty, staff and students with the top management are conducted. Faculty and Staff recruitment Periodic staff recruitment is done with the procedures and norms of UGC and SPPU. Recruitment is done on the basis of field knowledge and interaction skills.In case a need arises to recruit a faculty on temporary basis, the selection is done judging the course knowledge and lecturing/ interaction skills from the demonstration lecture conducted by the candidate and Technical interview of the candidate. Qualified and experienced faculty are identified and appointed as guest faculty or adjunct faculty

Industry Interaction / Collaboration	Training and Placement Cell is working for Industry Interaction. Eminent speakers from industry and service sector are invited for interaction with the students and faculty. The Entrepreneurship development Cell (EDC) orients students to start their own business ventures. Industry Internship programs, industry designed certification courses and Industrial training during vacation are organized for the students as well as for staff by Training and Placement cell. Bright students of department are allotted some of the industry projects. Alumni placed in the reputed industries are invited for informal dialogue with the students.Study tours are conducted for students to visit industries.
Admission of Students	Admission of Students Admission of the students is done through a central process conducted by a state government body (Directorate of Technical education) where students choose an institute as per their choice. The institute maintains this repute by adopting following strategies Maintaining good results in University examinations by means of quality trends in teaching learning Providing quality infrastructure and facilities. Maintaining good training and placement records. Maintaining Ragging free environment Institute has maintained lush green picturesque campus that easily attracts student community. Ample hostel facility for girls and boys is provided on the campus. Various sports facilities are available to students with grounds for football, cricket, basketball, awareness programme, counseling sessions for prospective students.

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

E-governace area	Details
Planning and Development	All the mandatory disclosures as per apex bodies are in place, http://www.siddhantcoe.in/
Administration	The parent society as well as institute always work together to achieve betterment in administration by maintaining the utmost transparency in all the courses offered. In order to check the status and the updates related administration the college

	participates in different surveys conducted by NGOs, Government agencies or private agencies. As a part of this process the feedback from all the stakeholders is sought frequently.
Finance and Accounts	In order to maintain transparency all the payments made or received are done online or through cheques. In order to meet the daily expenses to be incurred, petty cash facility is available with certain financial freedom delegated to the Principal.
Student Admission and Support	We follow the CAP round process laid down by the DTE Maharashtra and the other apex bodies. Information and status of admission is always updated online. College supports the admission process by hosting facilitation center.
Examination	The necessary Infrastructure and human resources are well in place at college for organizing the university examination either online or the manual examination. The state of the art system to support the entire examination process is established at the college, including dedicated server for examination work. Receiving the question papers, submission of student's performance evaluation report, remuneration bills towards examination work are observed using online system.The authorities believe e-governance help in transparency and trust worthy system of work

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
2019	Nill	Nill	Nill	Nill
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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)
2019	One day	One day			150	50

Motivational workshop Why Cant I ?	Motivational workshop Why Cant I ?	16/07/2019	16/07/2019		

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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
ICT Tools their applications in Teaching learning process	1	01/06/2020	06/06/2020	6
Faculty Orientation Workshop(ESP)	1	23/06/2020	26/06/2020	3
IT -business Applications	1	05/06/2020	05/06/2020	1
Soft Computing and Optimization Algorithms	1	01/06/2020	03/06/2020	3

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
93	93	91	91

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Maternity Leave, Employee insurance scheme	Maternity Leave, Employee insurance scheme	Karmveer Bhaurao Patil Earn and Learn Scheme under SPPU, Special Guidance Scheme for first year engineering Students.

6.4 – Financial Management and Resource Mobilization

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

The institute has External Audit mechanism. External. Audit Report and Audited Financial Statements are generated by college authorities.the auditor of college is M/S Golwalkar Hasbanis, Chartered accountant, partner CA Ruturaj R Patil. Membership numbers 144355 address Kolhapur. Necessary compliance is done by the college management. The procedure of External audit is given below: External Audit: • The accounts and procedures of internal control of finance are carried out by the head of theaccounts team on a day to day basis and

annual audit is done by the statutoryauditor. • The audit of accounts and submission of income tax returns arecarried out regularly each year. • There are no audit objections since the institution follows a good system of internal controls like calling quotations,comparison of rates, preparation of purchase order and approvals at every stage of such implementation and due verification of goods and services that are obtained after delivery or completion of works. No expenses are incurred without proper approval or sanction by the Head of the institution.

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
[View File](#)		

6.4.3 – Total corpus fund generated

0

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	Academic monitoring committee
Administrative	No	Nill	Yes	Local management committee

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

As there is no statutory provision of affiliating University and State Government of Maharashtra to have official parent teacher association, the institute does not have official Parent Teacher Association. However, a parent meet is organized once in semester and their feedback is taken.

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

The institute supports to participate in 1. Hands on training 2. Seminar on ethical and Universal values 3. Yoga sessions

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

1. Student Feedback System-Department Institute 2. Live Feedback of Classroom Teaching 3. Preparation of Research Work 4. Mentor-Mentee Scheme 5. Co-Curricular Activities for the Students 6. Training and Placement Activity

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Nill
c)ISO certification	Nill
d)NBA or any other quality audit	Nill

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
2019	Academic Audit	24/07/2020	01/07/2019	30/06/2020	7

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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
Republic Day Celebration	25/01/2020	26/01/2020	150	300
Shiv Jayanti	19/02/2020	19/02/2020	200	250

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
Percentage of power requirement of the College met by the renewable energy sources A 120 kw solar system is installed in September 2017 as a part of alternate energy initiative. Percentage of power requirement of the college met by the solar system is 3540.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	2
Ramp/Rails	Yes	1
Braille Software/facilities	No	Nill
Rest Rooms	Yes	2
Scribes for examination	No	Nill
Special skill development for differently abled students	Yes	2
Any other similar facility	Nill	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

| 2019 | 5 | 2 | 15/06/2019 | 365 | College Bus Transport Facility | As college is located at 20 km away from PCMC area there is rarely availability of public and private transport Which become a major hurdle in rural part of City. Institute has opted and encourage students and staff to avail facility of college bus t | 600 |
| 2020 | 5 | 2 | 06/01/2020 | 07 | Special NSS Camp | Creating Social awareness among students about the rural life in India. Creating Social awareness among the rural citizens about girls education, cleanliness and women empowerment etc. | 88 |

| 2020 | 5 | 2 | 11/06/2020 | 20 | SPPU UG and PG Online Exam | Due to Covid- 19 lockdown Situation and as per the circular and guide lines received from Govt. of Maharashtra ,SPPU college has conducted online UG and PG examination. | 350 |

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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	Nill	Institute is in Process to Developing this Code of Conduct (handbooks)

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Nil	Nil	Nil	Nil

[View File](#)

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Energy conservation by installation of 120 KW solar system 2. Tree plantation program 3. Cleanliness drive 4. Rainwater harvesting 5. solid waste management 6. Bus facilities for reducing carbon footprints 7. E- Waste management system.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice I:- Siddhant COE always takes initiative towards the overall development of students and their academics. This practice is sustained, in view to achieve the following objective. Objective of the practice:- To liberate the weaker sections of the rural areas from the shackles of the perennial, economic, social, political and educational constraints. The Practice:- Students admitted to Siddhant COE are generally from rural and low income group. They belong to different spatial locations of the country or state, so their academic standard varies a lot. It is observed that these students lack in communication skill, leadership quality and entrepreneurship quality. These lacunas are taken care by conducting short term sessions for the students like personality development program, skill development program etc. It is also observed that, there is big gap between the previous education of students and the Engineering Curriculum. For this, bridging gap course are

conducted for first year students and second directly admitted students. These students require proper mentoring in the college for which the guardian faculty scheme is implemented. One faculty is assigned a group of 15 to 20 students. He/She is mentor for these students. He/She conducts regular meeting with them to understand their problems and give appropriate solutions to that. Best Practice II:- The main focus of the higher education in India is to promote research. In accordance with the growing need for the up gradation of the faculty and the students in higher education, efforts are taken by the management of the institute to inculcate research culture in the staff and the students to arouse curiosity, develop objectivity and improve critical thinking. It ensures continuous professional growth on the part of teachers and of problem identifying, systematic planning, careful implementing and solution finding abilities on the part of students. Research Committee in the college takes initiatives for all activities related to research. Objectives of the Practice:- 1) To keep pace with the relentless wheel of change and update the intellectual caliber of the faculty 2) To encourage the faculty to pursue Ph.D. 3) To acquire guide ship to produce more research scholars. 4) To motivate the faculty to apply for the major and minor research projects by providing guidelines and details of funding agencies. 5) To fulfill the requirements to promote the research departments into research centers. 6) To encourage the faculty and the students to organize and present research papers in the national /international seminars / conferences / workshops 7) To publish quality research articles in reputed journals, edit study materials for the prescribed syllabus and author books of high originality. 8) To provide seed money for research activities. 9) To take steps for publishing a Research Journal.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

http://www.siddhantcoe.in/best_practices.html

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

Siddhant COE is located in Asia's biggest industrial belt. Located in the area of Talegaon, Chakan, Ranjangaon,Hinjawadi, Pimpri and Chinchwad. Pune is hub for automobile, mechanical and IT industries from last 15 years. To take advantage Siddhant COE has scheduled Friday of every week for industry-institute interaction. Number of industrial visit, industry based project, expert lecture from industries are outcome of this system. Large industries out-source their part of work. This helps the passed out students to start their own business. Siddhant COE has arranged entrepreneurship development workshop for the students to make them self employed. Siddhant COE campus is located in Maval -Taluka in the vicinity of Lonavala –Khandala. This offers pollution free environment. The campus is away from city crowd, making it calm and quiet. Siddhant COE was established in 2005 on 24 acres of non-cultivated rocky land. After lots of efforts, it has been converted into lash green campus beautified with plantation. In addition to this Fruit plants are also planted which gives fruits throughout the year. This also attracts the birds editing pleasant environment and save a crops of nearby fields. Due to plantation water table level is also considerable increased and institute has sufficient water. Due to lust green campus the whole surrounding has become very healthy and fresh. Our campus is one of the most beautiful campuses in SPPU. Nearest railway station is Talegaon which is at a distance of 12 km from the institute. Siddhant COE has transport facility for all the students and Faculties, in an around Pune city with reasonable rate. Siddhant COE has adequate number of hostels for students and staff.

Provide the weblink of the institution
http://www.siddhantcoe.in/institutional.html

8.Future Plans of Actions for Next Academic Year

1. To initiate the procedure for academic autonomy. 2. To develop networking with international universities. 3. To encourage students to opt for summer training programs. 4. To increase the number of placements through the activities under industry interaction cell program. 5. To increase the number of students undergoing industrial training/internship. 6. To increase research publications indexed journals 7. Ph. D Research Centre in Mechanical Engineering 8. Ph.D. Research Centre in Computer Engineering