



## YEARLY STATUS REPORT - 2022-2023

### Part A

#### Data of the Institution

##### 1.Name of the Institution

Chaudhary AtarsinghYadav Memorial  
Education Trust Siddhant College  
of Engineering

- Name of the Head of the institution **Dr. L. V. Kamble**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
  
- Phone no./Alternate phone no. **02114661906**
- Mobile no **9921512503**
- Registered e-mail **siddhant.naac2017@gmail.com**
- Alternate e-mail **siddhant.iqac@gmail.com**
- Address **Chakan-Talegaon Road, Near Chakan  
Auto Hub, Dist.Pune**
- City/Town **Sudumbare**
- State/UT **Maharashtra**
- Pin Code **412109**

##### 2.Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**
  
- Location **Rural**

- Financial Status **Self-financing**
- Name of the Affiliating University **Savitribai Phule Pune University, Pune.**
- Name of the IQAC Coordinator **Mr. Sagar Upendra Deshpande.**
- Phone No. **02114661906**
- Alternate phone No. **9890714842**
- Mobile **9890714842**
- IQAC e-mail address **siddhant.iqac@gmail.com**
- Alternate Email address **siddhant.naac2017@gmail.com**

**3. Website address (Web link of the AQAR (Previous Academic Year))** <https://www.siddhantcoe.in/pdf/AQAR%2021%2022.pdf>

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

- if yes, whether it is uploaded in the Institutional website Web link: <https://www.siddhantcoe.in/pdf/academic%20calendar%202022%202023.pdf>

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B</b>	<b>2.4</b>	<b>2018</b>	<b>26/09/2018</b>	<b>25/09/2023</b>

**6. Date of Establishment of IQAC** **18/05/2018**

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>

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

- Upload latest notification of formation of IQAC [View File](#)

**9.No. of IQAC meetings held during the year** 04

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report **No File Uploaded**

**10.Whether IQAC received funding from any of the funding agency to support its activities during the year?** **No**

- If yes, mention the amount

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

- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.
- The relevance and quality of academic and research programmes.
- Equitable access to and affordability of academic programmes for various sections of society.
- Optimization and integration of modern methods of teaching and learning.
- The credibility of evaluation procedures.

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

Plan of Action	Achievements/Outcomes
Work as the Vision and Mission and Mission of the college. Suggesting the quality policies. Documentation. Continuous improvement evaluation.	The academic and administrative environment has been made more enriched. The overall quality of academics and administration has reached to greater height. The documentation procedure has been made more transparent and effective. Emphasis on CO PO attainment and mapping has been implemented.

**13.Whether the AQAR was placed before statutory body?** **No**

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

**14. Whether institutional data submitted to AISHE**

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	Chaudhary AtarsinghYadav Memorial Education Trust Siddhant College of Engineering
• Name of the Head of the institution	Dr. L. V. Kamble
• Designation	Principal
• Does the institution function from its own campus?	Yes
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• Mobile no	9921512503
• Registered e-mail	siddhant.naac2017@gmail.com
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• Type of Institution	Co-education
• Location	Rural
• Financial Status	Self-financing
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• Name of the IQAC Coordinator	Mr. Sagar Upendra Deshpande.				
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• Mobile	9890714842				
• IQAC e-mail address	siddhant.iqac@gmail.com				
• Alternate Email address	siddhant.naac2017@gmail.com				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://www.siddhantcoe.in/pdf/AQAR%2021%2022.pdf">https://www.siddhantcoe.in/pdf/AQAR%2021%2022.pdf</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://www.siddhantcoe.in/pdf/academic%20calendar%202022%202023.pdf">https://www.siddhantcoe.in/pdf/academic%20calendar%202022%202023.pdf</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.4	2018	26/09/2018	25/09/2023
<b>6.Date of Establishment of IQAC</b>			18/05/2018		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Nil	Nil	Nil	Nil	Nil	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>			Yes		
• Upload latest notification of formation of IQAC			<a href="#">View File</a>		
<b>9.No. of IQAC meetings held during the year</b>			04		
• Were the minutes of IQAC meeting(s)			Yes		

and compliance to the decisions have been uploaded on the institutional website?	
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded
<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>	
<ul style="list-style-type: none"> <li>Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.</li> <li>The relevance and quality of academic and research programmes.</li> <li>Equitable access to and affordability of academic programmes for various sections of society.</li> <li>Optimization and integration of modern methods of teaching and learning.</li> <li>The credibility of evaluation procedures.</li> </ul>	
<b>12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b>	
Plan of Action	Achievements/Outcomes
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<b>13. Whether the AQAR was placed before statutory body?</b>	No
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	

Name	Date of meeting(s)
Nil	Nil

#### 14. Whether institutional data submitted to AISHE

Year	Date of Submission
2022-2023	15/02/2024

#### 15. Multidisciplinary / interdisciplinary

Multidisciplinary education is a unique educational approach that allows the students to learn & explore distinct subjects or curriculum from various disciplines. Education is not limited to a particular discipline. For instance, a student of Engineering can take a subject from humanities. Multidisciplinary approach is a method of curriculum integration that highlights the diverse perspectives that different disciplines can bring to illustrate a theme, subject or issue. In a multidisciplinary curriculum, multiple disciplines are used to study the same topic. When we speak of the hierarchical educational structure, the concept of "learning" gets bounded with so many aspects such as - curriculum, teaching-learning methodologies, time limitations, and much more. In a crux, the vision of education gets compromised. That's why in today's hyper-competitive world, limitless learning, a unique educational system that promotes a multi-disciplinary approach to help students follow their passion is vital. Thus we, Siddhant College of Engineering has started implementing the multidisciplinary activities at the campus.

#### 16. Academic bank of credits (ABC):

Multidisciplinary education is a unique educational approach that allows the students to learn & explore distinct subjects or curriculum from various disciplines. Education is not limited to a particular discipline. For instance, a student of Engineering can take a subject from humanities. Multidisciplinary approach is a method of curriculum integration that highlights the diverse perspectives that different disciplines can bring to illustrate a theme, subject or issue. In a multidisciplinary curriculum, multiple disciplines are used to study the same topic. When we speak of the hierarchical educational structure, the concept of "learning" gets bounded with so many aspects such as - curriculum, teaching-learning methodologies, time limitations, and much more. In a crux, the vision of education gets compromised. That's why in today's hyper-competitive world,



limitless learning, a unique educational system that promotes a multi-disciplinary approach to help students follow their passion is vital. Thus we, Siddhant College of Engineering has started implementing the multidisciplinary activities at the campus.

#### **17.Skill development:**

In today's globalized era, development of appropriate and effective Skill sets is the basic necessity for sound employment and can even lead to entrepreneurship. Indeed, it is the need of the hour for the economic development of 21st Century India and Industry 4.0. Today, everyone must be imparted vocational education as a part of the curriculum. Education is the proper tool through which skill development is possible. It can make the all-round development of the individual. Vocational classes should be imparted as a part of the curriculum. By doing so, the cost of skill development can be reduced. Mechanical Engineering Department has always been at front to propagate the skill set and to run and implement appropriate training sessions for its students, teaching and non-teaching staff. With this demanding need of hour and accomplishing motive, the Mechanical Engineering Department of Siddhant College of Engineering has formed the 'Kaushlya Vikas Cell [Skill Development Unit]. Objectives of Skill Development Unit. 1. To provide the effective platform to inculcate and sharpen their engineering software and /or real time skills. 2. To comprehend the notion of developing and modifying an engineering product design & development. 3. To provide an opportunity to learn various aspects of entrepreneurship through real life exposure.

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

It is established to promote interdisciplinary research on all aspects of IKS, preserve and disseminate IKS for further research and societal applications. It will actively engage for spreading the rich heritage of our country and traditional knowledge in the field of Arts and literature, Agriculture, Basic Sciences, Engineering & Technology, Architecture, Management, Economics, etc. Functions of IKS division: Facilitate and coordinate IKS based/related inter and transdisciplinary work done by various institutions in India and abroad including universities, institutions of national importance, R&D laboratories and different ministries and inspire private sector organizations to engage with it. Establish, guide and monitor subject-wise interdisciplinary research groups comprising of researchers from institutes, centers and individuals. Create and promote

popularization schemes. Facilitate funding of various projects and develop mechanisms to undertake research.

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

Outcome-Based Education (OBE) model is being adopted at a fast pace Page 6/119 21-06-2023 03:04:48 Annual Quality Assurance Report of CHAUDHARI ATTARSINGH YADAV MEMORIAL TRUST SIDDHANT COLLEGE OF ENGINEERING, SUDUMBARE at Engineering colleges in India at the moment. It is considered as a giant leap forward to improve technical education in India and help Indian Engineers compete with their global counterparts. Outcome Based Education (OBE) is an important demonstration Tool for student-centered instruction that focuses on measuring student performance through outcomes Quality assurance and improvement process is about determining whether the set educational objectives meet a general standard of quality. Emphasis of outcome-based education (OBE) system is on quantifying what the students are capable of doing and learning outcomes of the students is one of the key components. Course Outcomes are the statements indicating knowledge and skills the student is expected to acquire at the end of a course. Program outcomes represent the knowledge, skills and attitudes the students should have at the end of program. Program outcomes can be directly measured through course outcomes. The outcome-based education model is based on defining various parameters called as Graduates Attributes (POs). Siddhant College of Engineering has been implementing the Outcome Based Education to enhance and enrich its academics in accordance with the Vision and Mission.

#### **20.Distance education/online education:**

Outcome-Based Education (OBE) model is being adopted at a fast pace Page 6/119 21-06-2023 03:04:48 Annual Quality Assurance Report of CHAUDHARI ATTARSINGH YADAV MEMORIAL TRUST SIDDHANT COLLEGE OF ENGINEERING, SUDUMBARE at Engineering colleges in India at the moment. It is considered as a giant leap forward to improve technical education in India and help Indian Engineers compete with their global counterparts. Outcome Based Education (OBE) is an important demonstration Tool for student-centered instruction that focuses on measuring student performance through outcomes Quality assurance and improvement process is about determining whether the set educational objectives meet a general standard of quality. Emphasis of outcome-based education (OBE) system is on quantifying what the students are capable of doing and learning outcomes of the students is one of the key components. Course Outcomes are the statements indicating

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## Extended Profile

### 1.Programme

1.1	586
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

### 2.Student

2.1	1287
Number of students during the year	

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

2.2	87
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

2.3	225
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

<b>3.Academic</b>	
3.1 Number of full time teachers during the year	<b>75</b>
<b>File Description</b>	<b>Documents</b>
Data Template	<a href="#">View File</a>
3.2 Number of sanctioned posts during the year	<b>65</b>
<b>File Description</b>	<b>Documents</b>
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1 Total number of Classrooms and Seminar halls	<b>31</b>
4.2 Total expenditure excluding salary during the year (INR in lakhs)	<b>87.5</b>
4.3 Total number of computers on campus for academic purposes	<b>423</b>
<b>Part B</b>	
<b>CURRICULAR ASPECTS</b>	
<b>1.1 - Curricular Planning and Implementation</b>	
1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process	
<p>The Siddhant COE is affiliated to Savitribai Phule Pune University(SPPU) Pune. The curriculum is designed by the SPPU. The institute offers five Undergraduate (UG) and four Postgraduate (PG) programs. Credit System has been fully implemented in UG as well as PG programs from 2019.</p> <p>Academic calendar for each semester is provided by SPPU, Pune. Academic Co-ordinator prepares the academic calendar of the institute in consultation with the Principal.As per the academic</p>	

calendar of the institute, each department prepares its own academic calendar. At the end of each semester, faculty members are asked to submit choice of subjects to be undertaken in the forthcoming semester. Time table for individual faculties, classes and laboratories are prepared by departmental time table coordinator

Faculty members prepare a comprehensive course file including teaching plan, individual time table, academic calendar, past university question papers, assignments, term test question papers, unit wise notes and Power Point Presentations (PPTs). Lab in-charges prepare respective lab manuals for smooth conduction of practical sessions prescribed by SPPU, Pune. The feedback of teaching faculty from students is taken through via Google forms. This feedback is analyzed and is conveyed to the respective subject teacher for the improvements or appreciation.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%201/1.1.1.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%201/1.1.1.pdf</a>

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

At the start of the academic year, the Institution prepares and publishes Academic calendar with information regarding the teaching-learning schedule, events to be organized, holidays, internal examination dates, etc. and is published on college website. The student's academic progress is monitored regularly by continuous internal evaluation, seminars, project work, and unit test and semester examinations. In order to complete theory syllabus within the prescribed time limits, monitoring of progress of syllabus coverage is undertaken at the middle and at the end of each semester.

The internal performance of the students is assessed with conduction of Unit Test at usually before the In-semester examination and Preliminary test before the Term conclusion.

The marks are conveyed to the students and remedial sessions are organized for the slow learner after the conclusion of the term.

Evaluation scheme specifies marks allotted for theory, practical, oral and term-work. SPPU conducts In-semester and End-semester examinations are conducted for 30 and 70 marks respectively.

Performance of students in practical and oral examination is evaluated by external examiners appointed by SPPU. Term work evaluation is based on continuous assessment.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%201/1.1.2.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%201/1.1.2.pdf</a>

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University**

**B. Any 3 of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## **1.2 - Academic Flexibility**

**1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented**

**1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

**05**

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Add on /Certificate programs offered during the year

#### 1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

08

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

260

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

### 1.3 - Curriculum Enrichment

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

The contemporary syllabus has incorporated few cross-cutting issues through courses such as Environmental Engineering, Industrial Management, and etc.

SPPU has included Induction Program Induction programme for first year students is introduced to familiarize them to the new

environment and encourage them to learn beyond classrooms. Objective is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self-exploration.

#### Final Year Electives.

Green IT is an elective course included in the curriculum of BE (IT), narrates to Environment and Sustainability.

Some of the core courses of BE (Mechanical), such as, Energy Audit and Management, Energy Engineering, Refrigeration and Air-conditioning, Applied Thermodynamics etc. These courses enable students to study various pollutants of air emitted by mechanical systems and their control

#### Human Values and Professional Ethics

As far as professional ethics are concerned, the departments undertake various activities like traffic awareness programs, blood donation camps etc. under Audit Courses.

The Savitribai Phule Pune University (SPPU) has incorporated cross-cutting issues into its curriculum through various courses.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

#### 1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

10



File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<b>No File Uploaded</b>
MoU's with relevant organizations for these courses, if any	<a href="#">View File</a>
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 1.3.3 - Number of students undertaking project work/field work/ internships

**601**

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

### 1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni**

**B. Any 3 of the above**

File Description	Documents
URL for stakeholder feedback report	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%201/1.4.1.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%201/1.4.1.pdf</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

<b>1.4.2 - Feedback process of the Institution may be classified as follows</b>	<b>A. Feedback collected, analyzed and action taken and feedback available on website</b>
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File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%201/1.4.2.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%201/1.4.2.pdf</a>

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment Number Number of students admitted during the year

##### 2.1.1.1 - Number of students admitted during the year

236

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

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

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

87

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

### 2.2 - Catering to Student Diversity

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

At SCOE all the departments monitors track of slow learners' progress. The internal test marks and In-semester marks are

considered to identify the slow learner students. Along with teachers, some advanced learners are encouraged to mentor weak students and help them with explanations and notes. Revision classes and counselling sessions are held and additional teaching is taken up for the slow learner record. Online sessions are also conducted for these students and they respond very well consequently.

Faculty makes it a point to be patient and accessible to students personally, over the phone, mail, and social apps. Advanced learners are encouraged to study the contents of the syllabus effectively. Training and Placement Cell also provides training in interview skills and communication skills. Proficiency in English classes, Functional Use of English, Personality Development programs is organized to enhance the employability of the students.

As mentioned earlier, advanced learners and slow learners have identified as per their responses in the classroom as well as the performance in the Unit test, internal examinations.

File Description	Documents
Paste link for additional information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%202/2.2.1.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%202/2.2.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1287	75

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

### 2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

The institute is committed to ensure the holistic development of the students through a student-centric learning process. The departments adopted the following strategies to make learning more

effective and realistic.

## Experiential Learning module

### 1. Internships

Institute encourages students to take up internship during their vacations. Last year 70 students from various disciplines have gone through internship training program in various industries, such as

- BYTEXCEL.
- Elite Software Pvt.Ltd.
- Jijai Technology Pvt.Ltd
- PHN TECHNOLOGYPvt.Ltd
- UNIQUE SOFTWARE PVT.LTD.

### 1. Industry Visits

Industry visit is a part of the curriculum, wherein students visit companies, plants, project sites and gain the insight of the actual working of the industries. Following are few examples of companies/plants/project sites visited by students and faculties:

- C-DAC, Pune
- GMRT, Khodad, Pune

### 1. Training Program

To expose the students to industrial practices, each department organizes module based training programs on life skills, recent technologies and professional development. Here are the few sample programs

- PYTHON
- ANSYS
- Latex
- Android
- NODE-JS
- ANGULAR JS
- Apptitude Test
- Web site Development

## Participative Learning Module

### 1. Guest Lectures, Seminar and Workshops, Conferences

Each department arranges guest lectures and seminars on recent advancement in technology. Institute invites resource person from industry and academia.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://www.siddhantcoe.in/pdf/IOAC_Criteria/CRITERIA%202/2.3.1.pdf">https://www.siddhantcoe.in/pdf/IOAC_Criteria/CRITERIA%202/2.3.1.pdf</a>

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The teachers of SCOE use online education resources, social networking sites and blended learning platforms like google classroom to effectively deliver teaching and provide enhanced learning experience to the students.

The teachers of all the Departments naturally leads in the complete adoption of ICT enabled tools to render teaching; nonetheless, almost all the teachers use in some way or other ICT tools to teach and train their students.

Use of ICT Tools.

Faculties at Siddhant COE utilizes the ICT enabled tools extensively. These include PPT, Videos, NPTEL Video links. These tools have greatly helped while we were operating from home. Some faculties run their youtube channel which has pre-recorded study lectures.

You- Tube, E- mails, WhatsApp group, Zoom and Google classrooms are used as platforms to communicate, provide material and syllabus, make announcements, conduct tests, upload assignments, make presentations, address queries, mentor and share information.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

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

**2.3.3.1 - Number of mentors**

75

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	No File Uploaded
Mentor/mentee ratio	No File Uploaded

**2.4 - Teacher Profile and Quality**

**2.4.1 - Number of full time teachers against sanctioned posts during the year**

75

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

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

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

08

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

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

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

8

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

**2.5 - Evaluation Process and Reforms**

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

**Internal assessment is carried by considering following parameters:**

**Assignments: Two to three assignments are conducted during semester Internal assessment is carried by considering following parameters:**

1. **Assignments:** Two to three assignments are conducted during semester for each subject covering all CO's. Assignments marks are conveyed to the students.
2. **Tests:** Two tests are conducted during semester for each subject covering all CO's. Marks are conveyed and solution is discussed with students.
3. **Attendance:** Theory and Lab attendance is also linked with internal assessment.
4. **Practical Assessment:** Lab performance of each student is assessed per week per experiment based on performance and attendance.

5. **Internship/Mini Project:** Presentations are scheduled twice per semester and evaluated internally and externally based performance of student.
6. **Project Evaluation:** Presentations are scheduled twice per semester and evaluated based on innovativeness, literature review, quality of design and progress.

Internal assessment is done through one to one interaction with students for above mentioned parameters to maintain transparency. Project assessment, practical examination assessment is done externally as per SPPU Oral Practical exam guidelines.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://siddhantcoe.in/pdf/IOAC_Criteria/CRITERIA%202/2.5.1.pdf">https://siddhantcoe.in/pdf/IOAC_Criteria/CRITERIA%202/2.5.1.pdf</a>

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

For smooth conduction of University examinations, the institute has established separate examination section and College Examination Officer (CEO) is appointed for conducting all SPPU examinations. All the examinations are conducted as per the guidelines of SPPU. The institute ensures an effective implementation of ordinances, rules and regulations related to examinations laid down by SPPU.

#### Grievance mechanism

The grievances about In-semester, End-semester and Oral/Practical examinations are forwarded to SPPU authorities through CEO. Based on viability of grievances received, Board of Studies (BoS) suggests corrective measures through SPPU authorities. These grievances includes

#### Inadequate data in question papers

1. Out of syllabus questions
2. Malpractices in examinations
3. Examination form queries



#### 4. Revaluation and rechecking

5. Typographic errors in hall tickets, mark sheets, certificates etc.

All such grievances are routed through following steps

1. Students report the grievance to HoD in writing.
2. HoD checks the viability of the grievance and forwards it to Principal.
3. Principal forwards the same to CEO after discussion with HoD and concerned student
4. CEO then forward it to SPPU through student section for redressal.
5. Question paper related grievances are forwarded to concern BoSSPPU for the necessary actions.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%202/2.5.2.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%202/2.5.2.pdf</a>

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Institute has stated Program Outcomes (PO) and Course Outcomes (CO) for all programs. The COs are provided by the SPPU for all the courses whereas the POs that are followed are, universally being adopted and practiced by the engineering institutes.

The COs are displayed on website and communicated students at the very beginning of the semester.

The mechanism of the communication of stated POs, and COs is as mentioned below.

1. At the start of every semester, the HOD addresses the students and reiterates the significance of OBE. The course

teacher in the first-course session discusses the Course level outcomes that are expected from students. Throughout the semester, the students are made to solve the Assignments, Tests, Practical's and the course exit survey at the end of the semester to calculate the attainment of Course Outcomes and Program Outcomes

2. The Program Outcomes, and Course Outcomes are displayed at following locations through the display boards for faculty and students.

1. Departmental entrance (POs)
2. Head of Department Cabin (POs)
3. Course File (CO and PO)
4. Course File - Attainment of Cos and Pos.

1. HOD meeting with faculty members is also an effective mechanism to communicate Program Outcomes, and Course Outcomes. After finalization of faculties submit declaration of understanding.

For effective understanding of POs, and COs every faculty member explains the learning outcomes to the students at the beginning of each course. Every faculty conducts meeting with students to discuss POs, COs.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://www.siddhantcoe.in/pdf/FE.pdf">https://www.siddhantcoe.in/pdf/FE.pdf</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

For the evaluation of attainment of Programme outcomes (POs), course outcomes (COs) and institute uses specially designed made with Excel sheet to evaluate CO and PO attainment. CO-PO mapping, tests conduction, assignments, evaluation and grading etc. It also ensures fair internal assessment of students.

The evaluation sheet contains following heads which are interlinked to each other and finally generates CO-PO attainment,

Sr. No.

Activity.

1.

Assignments.

1.

Mid Term and Preliminary Tests.

1.

SPPU End Sem exam results.

1.

Practical Attainment. [ If applicable]

1.

Course Exit Survey.

Methodology

1. The faculty has Course outcomes (COs) specified by SPPU faculties can also design COs if required.
2. Program Outcomes (PO) are based on Bloom's taxonomy as recommended by NBA and ABET authorities.
3. Faculty maps the CO's of concern subject with PO's.
4. Faculty prepares assessment scheme for assignments and maps assignments with COs.
5. Faculty prepares assessment scheme for term tests and maps term test questions with COs.
6. Faculty enters CO and PO details, Term Test and assignment marks, practical assessment marks along with the Course exit Survey.

The Specified excel generates COs, POs, attainment levels based on programmed algorithms.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%202/2.6.2.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%202/2.6.2.pdf</a>

### 2.6.3 - Pass percentage of Students during the year

#### 2.6.3.1 - Total number of final year students who passed the university examination during the year

225

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%202/2.6.3.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%202/2.6.3.pdf</a>

### 2.7 - Student Satisfaction Survey

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

[https://siddhantcoe.in/pdf/IQAC\\_Criteria/CRITERIA%202/2.7.1.pdf](https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%202/2.7.1.pdf)

### RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Resource Mobilization for Research

##### 3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

###### 3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

00

File Description	Documents
Any additional information	<b>No File Uploaded</b>
e-copies of the grant award letters for sponsored research projects /endowments	<b>No File Uploaded</b>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

**3.1.2 - Number of teachers recognized as research guides (latest completed academic year)**

**3.1.2.1 - Number of teachers recognized as research guides**

**04**

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

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

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

**0**

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
Supporting document from Funding Agency	<b>No File Uploaded</b>
Paste link to funding agency website	<a href="https://siddhantcoe.in/">https://siddhantcoe.in/</a>

**3.2 - Innovation Ecosystem**

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

**The Siddhant College of Engineering has created an ecosystem for Research and Innovation by recruiting & developing desirable human**

resource, taking initiative for creation & dissemination of knowledge and establishing state of the art infrastructure.

Students are encouraged to develop innovative working project models & products. Institution has initiated various activities like pre-incubation support, startup initiatives & training programs.

**Human Resources:** The institute recruits dynamic & highly qualified faculty to mentor and channelize the young minds. Institute has taken an initiative to encourage the faculty members to pursue their Ph.D work by granting a stipend on monthly basis during the course work. Faculty are also encouraged to participate in various skill enhancement programs under govt. schemes.

**Research infrastructure:** The College has a Research Cell to motivate the faculty members to write research projects. Research Cell also helps to create research culture among faculty members and students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%203/3.2.1.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%203/3.2.1.pdf</a>

### 3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

#### 3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

04

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

<b>3.3 - Research Publications and Awards</b>	
<b>3.3.1 - Number of Ph.Ds registered per eligible teacher during the year</b>	
<b>3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year</b>	
04	
File Description	Documents
URL to the research page on HEI website	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%203/3.3.1.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%203/3.3.1.pdf</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year</b>	
<b>3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year</b>	
24	
File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>
<b>3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year</b>	
<b>3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year</b>	
00	
File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.4 - Extension Activities

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

The student volunteers of SCOE visit neighboring localities and conduct various activities regularly. Extension activities in the neighborhood community in terms of impact and sensitizing students to social issues and holistic development during the past years. Siddhant College of Engineering organizes and participates in various extension activities with a dual objective of not only sensitizing the students about various social issues but also contribute to the community and strengthen community participation.

The NSS college unit take part in various initiatives like 1. Swachh Bharat initiatives 2. Blood donation camps 3. Awareness programs on AIDS prevention 4. Environmental pollution The College also has Bharat Scouts Rovers unit of students which has diversified activities in association with NGOs, helping hand to the Environmental issues etc. by involving youth.

All these leads to informed, balanced and responsible citizenship. The activities listed above are indicators of the manner in which multiple issues of social, political and economic significance are discussed and dealt with in order to create sensitivity and understanding among students and contribute to the personality, so that committed and ethically balanced development of their informed citizenship is created.

File Description	Documents
Paste link for additional information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%203/3.4.1.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%203/3.4.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

**3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year**

01



File Description	Documents
Any additional information	<a href="#">View File</a>
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<b>No File Uploaded</b>

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

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

**19**

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

**3.4.4 - Number of students participating in extension activities at 3.4.3. above during year**

**3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year**

**1663**

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

<b>3.5 - Collaboration</b>	
<b>3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year</b>	
<b>3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year</b>	
85	
<b>File Description</b>	<b>Documents</b>
e-copies of related Document	No File Uploaded
Any additional information	<a href="#">View File</a>
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>
<b>3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year</b>	
<b>3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year</b>	
85	
<b>File Description</b>	<b>Documents</b>
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>
<b>INFRASTRUCTURE AND LEARNING RESOURCES</b>	
<b>4.1 - Physical Facilities</b>	
4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.	
The institute adheres to AICTE norms regarding physical facilities. The institute has adequate number of class rooms and laboratories as per the norms of HEI Institutions, to conduct	

various academic activities. Each department is equipped with its own computing resources as well as departmental library. The departments have specialized software as per the curriculum of SPPU. In addition to the above, the institute has a Central Library equipped with all requirements such as, number of books, national and international journals and e-Journals. The institute has provided an access to National Digital Library. The institute has adequate modern teaching learning tools such as ICT enabled class rooms, Internet facility to all staff member and students.

1. Class Rooms -24 class rooms with total area 1608 Sq. m.
2. Tutorial Rooms: 5 tutorial rooms with total area 135 Sq.m

(As per AICTE norms 6 tutorial rooms admeasuring 198 Sq.m.is required)

1. Drawing Hall: 2 drawing hall with total area 518 Sq. m

(As per AICTE norms 1 drawing hall admeasuring 132 Sq.m. is required)

1. UG laboratories: 40 UG Laboratories with total Area 2680 Sq.m.

(As per AICTE norms 42 UG and 2 PG laboratories admeasuring 2904 Sq.m. is required)

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%204/4.1.1.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%204/4.1.1.pdf</a>

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

For overall development of the students, the institute encourages the students to participate in various sports/ tournaments at SPPU level and state level, cultural activities, NSS etc.

- Sports: To nurture the talents of students a number of sports activities are conducted to shape their personality, health and fitness. The institute provides facilities for both indoor and outdoor games. Playgrounds for cricket and

football, established in 2008. Basketball, court having area of 19 x 32 mtr established in 2010; volleyball court with area of 9 x 18 mtrs and kabaddi ground with an area of 10 x 13 mtrs.

- Cultural activities: To bring out the hidden talents of the students with exposure in interpersonal skills, team spirit, the students participate in Annual event "Kshitij, actively in competitions like singing, dancing, fashion show etc. Besides these, the students are also encouraged to participate and have won several prizes in state level cultural events.
- Yoga & center Gymnasium: SCOE has a yoga center named "Vatika" established in 2016 with area of 132sq.mtr.and can be accessed by all the students, faculties: also institute has a gymnasium equipped with all the standard equipment with an area of 500 sq. ft. established in 2009.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://siddhantcoe.in/pdf/IOAC_Criteria/CRITERIA%204/4.1.2.pdf">https://siddhantcoe.in/pdf/IOAC_Criteria/CRITERIA%204/4.1.2.pdf</a>

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

06

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://siddhantcoe.in/pdf/IOAC_Criteria/CRITERIA%204/4.1.3.pdf">https://siddhantcoe.in/pdf/IOAC_Criteria/CRITERIA%204/4.1.3.pdf</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

##### 4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

8.0137

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<b>No File Uploaded</b>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

#### 4.2 - Library as a Learning Resource

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

The Central Library of Siddhant College of Engineering is established in the year 2005. The Library is located at the ground floor in the college building at room number B1. The Library is fully automated with KOHA LMS version 18.11. Barcode system is used for book Issue and return. The books are classified as per the standard Dewey Decimal Classification system. The Library has various types of sections, such as Book stack section, Journal and Magazine section, Digital Library Section, Reading room for student and staff, Circulation section etc. The library provide various types and services to its users, such as books home lending service, Reprographic service, Reference and referral service, book searching facility through KOHA OPAC (Online Public Access Catalogue) etc. The Library includes various types of reading material such as Book, Periodical, CD/DVD, e-journal, e-book, Handbook; text books And Reference books etc. The library has taken the membership of DELNET. It includes e-journals and e-books. The library has reading room with 150 seating capacity. The library has huge collection of text and reference books. Total 20812 volume and 4605 titles of books are available. The library has also the collection of 1357 CD/DVD are available in the library.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%204/4.2.1.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%204/4.2.1.pdf</a>

<b>4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources</b>	<b>A. Any 4 or more of the above</b>
--	--------------------------------------

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)**

**4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

**0.32031**

File Description	Documents
Any additional information	<a href="#">View File</a>
Audited statements of accounts	<b>No File Uploaded</b>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)**

**4.2.4.1 - Number of teachers and students using library per day over last one year**

**22**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Details of library usage by teachers and students	<a href="#">View File</a>

**4.3 - IT Infrastructure**

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

It is the policy of Siddhant COE, to keep its faculty and students updated on recent development in ICT. The campus is Wi-Fi enabled with 300 Mbps bandwidth, has 512 desktops and updating and maintenance of all systems is carried out regularly. Open source software like Ubuntu 14.04, Fedora etc. are available for students. With the changing teaching-learning/administration needs and evolving technology, IT services are constantly upgraded. Institute has 512 Desktops, (461 Desktops for students). Brands used are HP and HCL, Configurations are, HP 400G4 Intel i5, 8 GB RAM, 480 GB SSD and 3220 i3 HCL desktop Infinity LA380 Core i3 8GB RAM 500 GB HDD POS 18.5" TFT Monitor. Smart-boards, ICT facilities are provided in classrooms with system, projector and internet connectivity. The Institute has 9 projectors. In Computer Labs 3:1 ratio of systems is maintained. There are 14 HP/Pantum single Printers, 13 Multi-function printers and one A4 colour inkjet printer.

Learning Management System (LMS) is used for learning processes. The Institute has deployed educational Enterprise Resource Planning (ERP) software, vmedulife, which manages the entire administration, campus operations, and academic management in an efficient way.

Institute has 300 Mbps internet bandwidth with Wi-Fi enabled with firewall protection.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://siddhantcoe.in/pdf/IOAC_Criteria/CRITERIA%204/4.3.1.pdf">https://siddhantcoe.in/pdf/IOAC_Criteria/CRITERIA%204/4.3.1.pdf</a>

#### 4.3.2 - Number of Computers

423

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in

B. 30 - 50MBPS

<b>the Institution</b>	
<b>File Description</b>	<b>Documents</b>
Upload any additional Information	<b>No File Uploaded</b>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>
<b>4.4 - Maintenance of Campus Infrastructure</b>	
<b>4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)</b>	
<b>4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)</b>	
<b>87.15</b>	
<b>File Description</b>	<b>Documents</b>
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>
<p>4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.</p> <p>SCOE has in place established systems for the maintenance and utilization of physical, academic and support facilities. Some of the sections/offices and centres which maintain, and provide these facilities are: Planning and Development Section, Campus Development and Engineering, Administration &amp; Governance, Purchase &amp; Store Section, Estate and Security, Directorate of Physical Education, and Centre for Information Technology.</p> <p>The Campus Development and Engineering Section looks after the construction, repair, maintenance and augmentation of new buildings, roads, fencing/boundary walls, landscape development, laying of sewerage lines, provision of electricity and water and so on at the main campus as well as at the satellite campuses, model schools and regional centres.</p>	



SCOE has a Purchase and Store Section. The requisitions for various items are received from the schools, departments, colleges, sections, after due approval of the competent authority, with the budget allocation and provisions.

Academic Section implements academic policies as per Statutes and Regulations. It formulates policies and regulations of the academic programmes in consonance with the UGC, AICTE, NCTE requirements, with the help of the heads and faculty of all the departments of SCOE.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%204/4.4.2.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%204/4.4.2.pdf</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

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

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

359

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

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

##### 5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

60

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

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

**A. All of the above**

File Description	Documents
Link to Institutional website	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%205/5.1.3.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%205/5.1.3.pdf</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

369

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

369

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

<p><b>5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees</b></p>	<p><b>A. All of the above</b></p>
--	-----------------------------------

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

**5.2 - Student Progression**

**5.2.1 - Number of placement of outgoing students during the year**

**5.2.1.1 - Number of outgoing students placed during the year**

**123**

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	<a href="#">View File</a>

**5.2.2 - Number of students progressing to higher education during the year**

**5.2.2.1 - Number of outgoing student progression to higher education**

**08**

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
Details of student progression to higher education	<a href="#">View File</a>

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

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

**04**

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<a href="#">View File</a>

**5.3 - Student Participation and Activities**

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

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

**04**

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

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

SCOE regularly organizes the technical and cultural activities for the students.

Technotsav 2023 has become a vibrant platform for students to showcase their talents and capabilities. In this annual fest technical, sports and cultural events are organized for the students who reciprocates well with their participation.

Following student committees are operational in the SCOE to showcase the student's representation and engagement in various administrative, co-curricular and extracurricular activities:  
**Class Representatives:** all classes have two students designated as class representatives. They are responsible for representing any issues related to academics/non-academics to concerned HoDs/Class teacher. Director interacts with class representatives' at-least once during the semester.

**Cultural and Sports Committees:** Students have strong representations in all cultural and sports committees. They help in organization and management of events. Major events include annual sports competition

**Technical Events:** student members are part of organizing committees for all the engineering activities at department/institute level. Some of these activities include conferences, coding & project contests, technovation, quiz competitions, student club activities etc.

File Description	Documents
Paste link for additional information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%205/5.3.2.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%205/5.3.2.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

#### 5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

13

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

### 5.4 - Alumni Engagement

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

The Alumni Association, Number 1840/2017/PUNE, Registration Book No.: F-50254/P is registered with office of the Pune Bhide Bhag, Pune registration act, 1860. Dated: 04-04-2018 Pune, Maharashtra.

The basic motive of alumni association is to nurture temperament of loyalty for welfare of the institute. The alumni association is an official unit of the institute with the primary objective of creating a worldwide network of Siddhant COE alumni. The alumni association at institute level is established to promote the various allied objectives. The association enrolls all graduates as members and plan activities like arranging industrial visits, placement drives, guest lectures, internship, and Sponsored projects to BE students with active contribution of the alumni.

Many of the alumni are rejoiced to come back to institute and be part of various activities planned under the banner of alumni association. The alumni association coordinates the networking of all our precious alumni and takes effort to thrive alumni community towards the benefit of students and institution altogether. Institute alumnus extends their expertise to encourage students and faculties. Alumnus also assists the institute to bridge the academia- institute gap by setting up platforms for MOU's between the institute and industries.

File Description	Documents
Paste link for additional information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%205/5.4.1.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%205/5.4.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

**D. 1 Lakhs - 3Lakhs**

File Description	Documents
Upload any additional information	<a href="#">View File</a>

**GOVERNANCE, LEADERSHIP AND MANAGEMENT**

**6.1 - Institutional Vision and Leadership**

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

**VISION**

**Empowering through technical economic and social development.**

**MISSION**

**To impart quality education through dedicated efforts.**

**To develop entrepreneurial attitude and values amongst learners.**

**To inculcate ethical values and technology to serve social needs.**

**To create conducive environment suitable for research and innovative ideas.**

**Response:**

Institute has its strong vision for social transformation of masses through education, training and research. To achieve this vision, the mission of institute was set with amalgamation of imparting quality technical education and industrial exposure.

Principal of the institute acts as a management representative and approves necessary policies for the institute. The policies are framed in line with vision and mission of the institute.

The institute is striving to achieve the set objectives by following the NEP guidelines and through Governing Body (GB), Internal Quality Assurance Cell (IQAC) and College Development Committee (CDC). Principal forms an ad-hoc committee of senior professors of the institute to formulate the Standard Operating Procedures (SOPs) which are essential for smooth and efficient functioning of organization. This results in transparent working environment and

ensures that the teaching and non-teaching staff will perform their duties as per the guidelines provided in SOPs.

File Description	Documents
Paste link for additional information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%206/6.1.1.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%206/6.1.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

The institute implements decentralized governance in order to distribute the authorities and responsibilities. The institute achieves the decentralization in following manner:

The Principal acts as a bridge between management and institute. Broad policies of the institute are formulated by the Principal in consultation with vice Principal. The Principal transfers the necessary authorities to Heads of the various Departments. HOD distributes the departmental activities among the staff.

Teaching, non-teaching staff members and students are also included in the various committees. Principal and HODs make sure



that all stakeholders of Institute are involved in successful implementation of various policies.

**Case Study:**

Lab maintenance system is a good example of decentralization and participative management in our institute.

File Description	Documents
Paste link for additional information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%206/6.1.2.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%206/6.1.2.pdf</a>
Upload any additional information	<a href="#">View File</a>

**6.2 - Strategy Development and Deployment**

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Governing body of the institute is headed by the President of Siddhant COE. Governing Body formulates the Guidelines needed for the governance of the institute. College Development Committee takes care of academic and administrative planning and implementation.

Principal of the institute is a representative of the management and

monitors the implementation of these guidelines. The Principal, Administrative Officer and HODs are responsible for the actual implementation of these guidelines in day to day working of the institute.

The role of IQAC, which is headed by the Principal is also significant in formation and implementation of academic policies of the institute.

Various committees are formed on institute level in order to cater the academic, administrative and other needs of the institute. Administrative officer looks after students section and account section.

Academic coordinator monitors the efficient conduction of theory/practical classes.

College Examination Officer is responsible for the conduction of

all kind of University examinations.

Training and Placement activities are conducted under the T and P Cell headed by TandP Officer. Hostel administration is taken care by the Hostel Rector.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%206/6.2.1.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%206/6.2.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

The institute is affiliated to Savitribai Phule Pune University and approved by All India Council for Technical Education . Service rules of the institute are formed in line with the code of conduct laid down by University Grant Commission. The important parameters involved in the framing of service rules are pay scale, allowances, nature of appointment, transfer and termination policies etc.

#### 1. Recruitment Policies -

The requirement of teaching staff is calculated on the basis of cadre ratio and student teacher ratio prescribed by the authorities viz. AICTE, UGC and SPPU. The recruitment of the teaching staff is made through University Selection Committee appointed by SPPU. For urgent requirements adhoc appointments can be made through local selection committee as per the guidelines of SPPU.

The goals and objectives the institute is aspiring to achieve, are reflected in perspective/strategic plan. A strategic plan helps to serve the needs of the stakeholders of the Institute.Siddhant COEhas

presented its strategic plan which focuses on technical and social development of its students and staff members. The strategic plan comprises of following important objectives:

**1. Improvement in quality of technical education through implementing e-governance, digitalization in day to day functioning and skill based learning.**

File Description	Documents
Paste link for additional information	<a href="https://siddhantcoe.in/pdf/IOAC_Criteria/CRITERIA%206/6.2.2.pdf">https://siddhantcoe.in/pdf/IOAC_Criteria/CRITERIA%206/6.2.2.pdf</a>
Link to Organogram of the institution webpage	<a href="https://siddhantcoe.in/code.html">https://siddhantcoe.in/code.html</a>
Upload any additional information	<a href="#">View File</a>

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

**A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning)Document	<a href="#">View File</a>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	<b>No File Uploaded</b>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

**6.3 - Faculty Empowerment Strategies**

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

The institute believes that a satisfied employee is an asset for the institute and can make the institute a productive place. The institute has introduced several welfare measures and schemes for teaching and non-teaching staff.

- The management runs primary / secondary school (Siddhant International School) in the same premises. Children of employees get concession of 50% in their school fees.
- The institute offers provident fund to non-teaching staff and gratuity to all its employees.The institute provides accommodation facility to staff members as and when

required. Lady faculties of the institute, teaching and non-teaching both get maternity leaves.

- Compensatory off is made available to the staff against working on weekly offs and public holidays. 40 days summer and 30 days winter vacations are provided to teaching staff for up gradation of knowledge and enhance skillset. Various other leaves, such as casual leaves (12 leaves per year), medical leaves are granted to teaching staff and non-teaching staff.
- An eligible staff member can annually avail 10 days medical leave that can be extended in case of emergency. Non-teaching staff members are also entitled for earned leaves.
- A staff member is granted study leaves if he/she wishes to pursue research work or higher studies

File Description	Documents
Paste link for additional information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%206/6.3.1.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%206/6.3.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

**6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year**

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

13

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

**6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**

**6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

07

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

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

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

**93**

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	<b>No File Uploaded</b>
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

**6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff**

**The institute believes that a satisfied employee is an asset for the institute and can make the institute a productive place. The institute has introduced several welfare measures and schemes for teaching and non-teaching staff. The various welfare measures for**

teaching and non-teaching staff are given below:

- Annual Performance Appraisal Report (APAR) is welfare measure to assess faculty, by means of this APAR which is submitted at the end of every academic cycle. The objective of the APAR is to highlight faculty member's role and performance for the past year and it also summarizes the expectations from the faculty. The reporting authority reviews the nature and quality of work that faculty performed annually based on the parameters such as knowledge of sphere of work, analytical ability, initiative taken, ability to inspire and motivate, supervisory ability, inter-personal relations, and teamwork.
- Faculty members are encouraged to go for self-development programs and higher education programs. Institute reimburses 50% of the registration fees when a staff member attends any conference, seminar or workshop. A staff member is granted on duty leave for attending such events.

File Description	Documents
Paste link for additional information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%206/6.3.5.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%206/6.3.5.pdf</a>
Upload any additional information	<a href="#">View File</a>

#### 6.4 - Financial Management and Resource Mobilization

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

The Siddhant COE has an External Audit mechanism. Financial audits are conducted in the Siddhant COE on regular basis. These audits are conducted in order to review and supervise the financial transactions of the Siddhant COE. It is really important for an institute to monitor expenditure and income and make provisions for various activities.

The quality and fairness of the financial operations made by the Siddhant COE during a financial year are monitored and supervised by an External Auditor. External Audit Report and Audited Financial Statements are generated by college authorities. The auditor of college is M/S Golwalkar Hasbanis, Chartered accountant along with partner CA Raturaj R Patil. Membership numbers-144355 Address- Kolhapur. Necessary compliance is done by the college

management .

The accounts and procedures of internal control of finance are carried out by the head of the accounts team the audit of accounts and submission of income tax returns are carried out regularly each year. There are no audit objections since the institution follows a good system of internal controls like quotations, comparison of rates, preparation of POs and approvals at every stage and due verification of goods and services that are obtained after delivery or completion of works.

File Description	Documents
Paste link for additional information	<a href="https://siddhantcoe.in/pdf/IOAC_Criteria/CRITERIA%206/6.4.1.pdf">https://siddhantcoe.in/pdf/IOAC_Criteria/CRITERIA%206/6.4.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

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

00

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

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

The SCOE always monitors the effective and efficient use of available financial resources for the infrastructure development to support teaching learning process. SCOE is a self-financed private institution, tuition fee is the main source of income. This funds are utilized for all recurring and non-recurring expenditure. The institution has a well-defined mechanism to monitor effective utilization of available financial resources for the development of the infrastructure to augment academic needs.



All the administrative and academic heads along with coordinators of different cells (viz., research committee, placement cell, library advisory committee (for the purchase of books / journals), purchase committee (for repair and maintenance cost) software and internet charges, printing and stationary, equipment and consumables, furniture and fixtures).

All transactions have transparency through bills and vouchers. The bill payments are passed after verification of items. Respective faculty member ensures that whether suitable equipment/machinery with correct specification is purchased. The entire process of the procurement of the material is monitored by the IQAC, purchase committee and principal. Financial audit is conducted by chartered accountant for every financial year to verify the compliance.

File Description	Documents
Paste link for additional information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%206/6.4.3.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%206/6.4.3.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

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

SCOE attempts to enrich out the quality through the persistent focus on imparting quality education, through its innovative, comprehensive and flexible education policy.

Internal Quality Assurance Cell (IQAC) carries out activities that encompass all aspects of the Institute's functioning. The IQAC at Siddhant COE was constituted on 11th May 2017. Since then, it has been performing the following tasks on a regular basis.

Improvement in quality of teaching and research by regular inputs to all concerned based on feedback from students. Providing inputs for best practices in administration for efficient resource utilization and better services to students and staff.

Providing inputs for Academic and Administrative analysis of results for improvement in weak areas. Students and staff give their feedback, suggestions on teaching and administrative performance. The IQAC has immensely contributed in the



implementation of quality assurance strategies and processes at all levels.

Faculties have identified the slow learner students in the class by arranging session of senior staff from college with the help of IQAC. Conduct Weaker and Slow learner extra classes for implementation and result improvement. The students to maintain academic continuity.

Faculties have prepared online learning tools such as videos, PDFs,

PPTs as part of their lesson plans

File Description	Documents
Paste link for additional information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%206/6.5.1.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%206/6.5.1.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

Academic review through periodical meetings: The IQAC conduct periodical meetings with the departments, Internal Examination Committee, Council of the Heads, the principal, College Development Committee throughout the academic year in the presence of the IQAC coordinator.

The academic activities, such as completion of study programs, unit tests, assignments, seminars, group discussion, quiz, education tour and other activities.

The teachers and students are interacted regarding the changes in the curriculum, new teaching methods and ICT use. This setup has evolved into successful review methodology for improvement in teaching and learning process. Through this system of review, the IQAC observed the continuous development of teaching-learning process. Use and enrichment of ICT infrastructure. The use of ICT tools has become an integral part in teaching -learning process.

IQAC always encouraged teachers to utilize these tools in academic and laboratories.

In teaching and learning, the feedback system is implemented to take the review of reliability and uses of ICT facilities.

Through IQAC Siddhant COE has started, Outcome-Based Education (OBE). OBE is a student-centric teaching and learning methodology in which the course delivery, assessment are planned to achieve stated objectives and outcomes. It focuses on measuring student performance i.e. outcomes at different levels.

File Description	Documents
Paste link for additional information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%206/6.5.2.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%206/6.5.2.pdf</a>
Upload any additional information	<a href="#">View File</a>

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

C. Any 2 of the above

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%206/6.5.3.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%206/6.5.3.pdf</a>
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

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

The Siddhant COE annually celebrates significant national festivals, Independence Day and Republic Day, with great enthusiasm and splendor. The main campus, along with the off-campus offices, proudly displays the national tricolor flag. Following the flag hoisting ceremony, students join together in singing the National Anthem and other patriotic songs, fostering a spirit of unity and national pride. Shiv Jayanti also known simply as Chhatrapati Shivaji Maharaj Jayanti,, is a festival of Maharashtra. This festival is celebrated on February 19, celebrating the birth anniversary of Shivaji, the first Chhatrapati and founder of the Maratha Empire. He established HindaviSwarajya (Hindav?Svar?jya; "Self-Rule of the hindavi people"). Some people celebrate this day as per Hindu calendar in Maharashtra. We are proud to be situated in mawalprant of swarajya. Its a symbol of patriotism and enthusiasm.

Teachers' Day is a special day for the appreciation of teachers, and may include celebrations to honor them for their special contributions in a particular field area, or the community tone in education.

International Women's Day (IWD) is a global holiday celebrated annually on March 8 as a focal point in the women's rights movement, bringing attention to issues as gender equality, and violence and abuse against women

File Description	Documents
Annual gender sensitization action plan	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%207/7.1.1.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%207/7.1.1.pdf</a>
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%207/7.1.1.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%207/7.1.1.pdf</a>

<b>7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment</b>	<b>A. 4 or All of the above</b>
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File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

Solid waste categorized as organic and inorganic material. Organic materials include vegetables, Fruit waste, canteen waste food, tress leaf etc. Inorganic includes plastic carry bags, plastic, water bottles, chocolate rappers etc.

At SCOE campus we collect all waste separately. For organic material we used trench, method this involve excavation of trenches into which waste is deposited and covered with layer of soil after fermentation, its reopened and the fertilizer of which is used in campus landscape.

Inorganic solid waste is removed by local Gram Panchayat.

All type of liquid waste system is collected in water collection tank, waste water passed from soak pit to water collection tank, and reused for gardening.

Tremendous growth in use of ICT devices and services, faster change of technology and frequent innovations in ICT sector, huge challenge for Institution to handle e-waste in responsible manner and protect the environment. SCOE has taken steps for better environment. Awareness lecture, seminar has been organized. Adequate numbers of special dustbins are kept for disposal of E-wastes. Various environments - related activities, seminars, invited talks, and programs have been organized by NSS for staff and student.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="#">View File</a>

<b>7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus</b>	<b>A. Any 4 or all of the above</b>
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File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b>  <ol style="list-style-type: none"> <li><b>1. Restricted entry of automobiles</b></li> <li><b>2. Use of bicycles/ Battery-powered vehicles</b></li> <li><b>3. Pedestrian-friendly pathways</b></li> <li><b>4. Ban on use of plastic</b></li> <li><b>5. Landscaping</b></li> </ol>	<b>B. Any 3 of the above</b>
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File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<b>No File Uploaded</b>

**7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution**

<b>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities</b>	<b>A. Any 4 or all of the above</b>
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

<p><b>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment</b></p> <p><b>5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</b></p>	<p><b>A. Any 4 or all of the above</b></p>
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File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<b>No File Uploaded</b>
Details of the Software procured for providing the assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

**We at Siddhant COE take pride in organizing numerous functions and events that cater to all students, teaching staff, and non-teaching staff, fostering a sense of community and celebrating various occasions throughout the year. These events create a vibrant and inclusive environment where everyone can come together**

to embrace traditions, showcase talent, and contribute to social causes.

The Annual gathering Function is a grand event that showcases the talents and achievements of our students. It spans for almost a week or more. It's a amalgamation of Technical events, Sports, Cultural and celebration of various days. It serves as a platform for student to display their skills in various fields such as Science, sports, music, dance, and culture. Students put in countless hours of practice and preparation, and their efforts are rewarded with thunderous applause and recognition. The Annual Function not only boosts the confidence of the participants but also instills a sense of pride and accomplishment within the entire Siddhant COE community.

Siddhant COE also commemorates significant national events and observances.

Such as National Youth Day ,Republic Day ,National Vaccination Day ,International Yoga Day ,Independence Day, Teachers' Day ,Gandhi Jayanti ,Voters Day, Constitutional Day, Hindi Bhasha Diwas...etc.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

Sensitization of students and employees of the Institution to the constitutional obligations is done through curriculum as well as through extracurricular activities. Many of have topics which sensitize the students about the constitutional obligations. The University has introduced a compulsory paper on the Constitution of India at Degree level across all engineering disciplines to create awareness and sensitizing the students and employees to constitution obligation. As a part of strengthening the democratic values. Also, all students take a course on Environment studies in their first year which gives them insight into environment acts, wildlife protection act, forest act, global environmental concerns etc.

Republic Day Celebration

Independence Day Celebration

National Voters Day Celebration

Woman's Day Celebration. Etc.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://siddhantcoe.in/pdf/IOAC_Criteria/CRITERIA%207/7.1.9.pdf">https://siddhantcoe.in/pdf/IOAC_Criteria/CRITERIA%207/7.1.9.pdf</a>
Any other relevant information	<a href="https://siddhantcoe.in/pdf/IOAC_Criteria/CRITERIA%207/7.1.9.pdf">https://siddhantcoe.in/pdf/IOAC_Criteria/CRITERIA%207/7.1.9.pdf</a>

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

**B. Any 3 of the above**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	<a href="#">View File</a>

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



Siddhant COE also commemorates significant national events and observances. Such as National Youth Day ,Republic Day ,National Vaccination Day ,International Yoga Day ,Independence Day,Teachers' Day ,Gandhi Jayanti ,Voters Day,Constitutional Day, Hindi Bhasha Diwas...etc.

We celebrate all these days to foster constitutional obligations values,rights,duties and responsibility as a citizen of india as a country. Various activities, such as debates, panel discussions, and lectures, are organized on these days to increase awareness and importance of the legacy of these days

Siddhant COE Being a Hindi linguistic minority institution. Hindi Diwas is occasion that holds immense significance at Siddhant COE. It is a celebration of the Hindi language, one of India's official languages. Students and staff come together to pay tribute to the rich literary heritage of Hindi through recitals, poetry competitions, and storytelling sessions.

These functions and events at Siddhant COE encompass a wide range of cultural, traditional, and social themes. They foster a spirit of inclusivity, encourage creativity, and promote social responsibility among students, teaching staff, and non-teaching staff. Through these celebrations and initiatives, Siddhant COE nurtures a vibrant and dynamic community that values traditions, embraces diversity, and actively contributes to the betterment of society.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

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

**Title of the Practice: Mentorship Scheme**

### Objectives of the Practice:

The objectives of the Mentorship Scheme are as follows:

- To plan personal and career goals of students.
- To improve presentation skills, written skills, and oral communication skills.

### The Context:

The Mentorship Scheme was implemented in response to the need for holistic development of students in addition to their technical knowledge

### The Practice:

The nature of students' background i.e. catering to different socio-cultural and economic diversity necessitates mentoring being opted as one of the best practices by the institution.

The success of the mentorship system is reflected in the overall personality development of the students.

Improvement in mentees discipline, interaction and communication skills.

- Improvement in students' attendance.

Establishment of a vibrant relationship between Faculties and students

Title of the Practice: Financial Assistance Schemes for Students

### Objective of the Practice:

The objective of this practice is to provide financial support to meritorious and economically weaker students

### The Practice:

The students who fulfil the following criteria may apply for the financial assistance under this Scheme

1 Undergraduate and Postgraduate students of the regular programme

of Siddhant COE

Evidence of Success:

As a result of this initiative many students were able to break the deadlock and aspire for financial freedom.

File Description	Documents
Best practices in the Institutional website	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%207/7.2.1.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%207/7.2.1.pdf</a>
Any other relevant information	<a href="https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%207/7.2.1.pdf">https://siddhantcoe.in/pdf/IQAC_Criteria/CRITERIA%207/7.2.1.pdf</a>

### 7.3 - Institutional Distinctiveness

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

**Distinctiveness of Siddhant COE**

Siddhant COE, situated in Asia's largest industrial belt, stands out as a prominent centre for Mechanical, Civil, E and TC, Computer, and IT industries. With a focus on practical learning and industry relevance, Siddhant COE provides its students with a distinctive educational experience.

Siddhant COE emphasizes the importance of hands on learning through mini projects. These projects allow students to apply their theoretical knowledge in practical scenarios, fostering creativity, innovation, and teamwork. Mini projects provide students with the opportunity to explore their areas of interest, gain practical skills, and develop a strong foundation for future endeavors.

To bridge the gap between theoretical concepts and practical applications, Siddhant COE organizes industrial visits. It enhances students' knowledge and provide them with valuable insights into industry practices, processes, and technologies.

Training and Placement Cell provides opportunities for the students to undergo various training and internship programs in the industries. In internship programs, students work in industry

for a prescribed period of time. Industrial internship activities are generally planned during vacations in order to avoid academic loss of the students.

The objective is to make the students aware of professional practices and industrial environment in the engineering and technology.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 7.3.2 - Plan of action for the next academic year

#### 7.3.2 Action Plan for Next Academic Year (2023 - 2024)

1. To recruit and retain well qualified motivated faculty.
2. To provide amenities and sports facilities in harmony with nature.
3. To provide holistic value based education and inculcate entrepreneurial abilities in students to face the challenges of corporate world.
4. To arrange career guidance programmes.