SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

CHAUDHARY ATARSINGH YADAV MEMORIAL EDUCATION TRUST SIDDHANT COLLEGE OF ENGINEERING

A/P -SUDUMBRE,CHAKAN-TALEGAON ROAD,TALUKA-MAVAL,DISTRICT-PUNE,PIN-412109
412109
www.siddhantcoe.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

October 2023

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

CAYMET's Siddhant College of Engineering, Sudumbare, Pune (Siddhant COE), private and self financed institute was established in 2005, in the vicinity of the Asia's biggest industrial (Pimpri-Chinchwad, Chakan, Talawade and Talegaon) belts with an objectives of imparting value based quality education. Siddhant COE is approved by AICTE, New Delhi and is affiliated to Savitribai Phule Pune University (SPPU), Pune. Siddhant COE provides Under Graduate Programs in Mechanical Engineering, Electronics and Telecommunication Engineering, Computer Engineering, Civil Engineering and Information Technology, In addition, Institute also offers the Post-Graduation Programs in ME (Mechanical - Design), ME (Computer Engineering), ME (Electronics and Telecommunication - VLSI and Embedded Systems), ME (Information Technology). Siddhant COE also runs Diploma Program in Mechanical Engineering, Civil Engineering, Computer Engineering, Electronics and Telecommunication, Electrical Engineering and Artificial Intelligence and Machine Learning discipline.

Siddhant COE is recognized under Hindi Linguistic Minority category. Minority serving institutions (MSIs) emerged in response to a history of inequity, lack of minority people's access to majority institutions, and significant demographic changes in the country. Siddhant COE caters for Transport facility for staff and students and also has Hostel facility for students and staff. The strength of Siddhant COE lies in picturesque environment, excellent infrastructural facility, qualified and experienced faculty, commitment to personal attention, motivation to excel in academics, extracurricular activities and continuous interaction with Industry.

Vision

- Empowering through technical, economical and social development.

Mission

- To impart quality education through dedicated efforts.
- To inculcate entrepreneurial attitude and values amongst learners.
- To inculcate ethical values and technology to serve social needs.
- To create conductive environment suitable for research and innovative ideas.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- The institute is under the aegis of Chaudhari Atarsingh Yadav Memorial Education Trust that runs 9 institutes educating more than 5000 students every year and holds 2 decades of track record.
- The State of the art infrastructure facilities including ICT enabled classrooms with WiFi facility, well equipped laboratories, tutorial rooms, workshop, central library and hostels exclusively for boys and girls with 350 capacity along with 500 KVA gen set and UPS for power backup.

- Qualified and experienced pool of faculties with a good blend of industry and academia.
- Academic flexibility to advance learners and excess support to slow learners.
- Rigorous academic orientation that amalgamate theoretical and experiential learning in view of carving competent engineers for industry.
- Faculties are encouraged to participate in NPTEL activities.
- Central library with reference books, e-journals, with reading room facility.
- Stakeholder's participation in teaching-learning activities.
- The institute has strengthened NSS activity by encouraging organization of various activities in nearby villages in which students proactively participate and contribute for social cause.
- The institute has well maintained sports ground, which promotes excellent sports culture for overall development of the students.
- The institute provides best arrangements of transportation to ensure the hassle free commute of students and faculties.
- For clean and green energy initiative, the institute has installed solar power plant and solid waste treatment plant.
- The institute has cafeteria to cater the need of staff and students with 200 seating capacity.
- Serene and spacious green campus located amidst Sahyadri range of Western Ghats, having proximity to Indrayani river bank.Sensitization of Energy Conservation Awareness amongst faculty and students. Strong Anti-ragging practices are adopted.
- Financial support to arrange co-curricular and extra-curricular activities
- Faculties are encouraged to participate/arrange workshops/seminars/conferences etc MoUs with Industries to facilitate learning beyond syllabus for faculty and students. Support to faculty to upgrade their qualification.
- External and Internal Feedback of Faculty teaching is used as a measure for continuous improvement in teaching-learning process.
- Adequate company specific technical/interpersonal training to students to help them appear for examinat ion, campus placement etc.

Institutional Weakness

- The institute is remotely located.
- Limited academic flexibility being affiliated to Savitribai Phule Pune University.
- Consultancy in association with industry, funded research and in turn conversion into patents and publications.
- Lack of collaboration with foreign universities.
- Lack of awards, recognition to faculties at state, national and international level.

Institutional Opportunity

- Adopting with cutting edge technology and bridge the gap between industry and academia.
- Take advantage of the industrial belt located in close vicinity for consultancy, placements, internship, centre of excellence etc.
- To strengthen the institute alumni and harnessing the network benefits
- Undertaking multidisciplinary projects with sister institutes and nearby industries.
- Establishment of Ph.D. research centre.
- Starting up new courses like Artificial Intelligence and Machine Learning, Artificial Intelligence and

Data Sciences, Robotics and Automation.

Institutional Challenge

- Improvement in admissions
- Enhancing the technical skill set of the admitted students and make them industry ready
- Improving the average package of placed students and attracting reputed companies
- Attracting faculties with Ph.D. qualification in Computer and Information Technology   Programs
- Fetching research grants from different funding agencies
- Practicing IPR issues by the students and faculty members.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The Curricular Aspects are at the very core of any educational institution. Since Siddhant COE is an Affiliated College to SPPU, the syllabus is provided by university itself. Siddhant COE involves mainly in the implementation of the prescribed syllabus. Whereas a University has the mandate to visualize appropriate curricula for particular programmes, revise/update them periodically, ensure that the outcomes of its programmes are defined by its bodies. In case of Autonomous Colleges curricular responsibilities are similar to the Universities.

This criteria also pertains to the practices of an institution in initiating a wide range of programme options and courses that are in tune with the emerging industrial trends.The Siddhant COE has organized value added programs and successfully completed them for career orientation, multi-skill development of the students. Siddhant COE adopt the curriculum overview provided by the SPPU. The subject teacher has absolute freedom in the use of the time-frame of the courses, inter-disciplinary options for curricular transactions. Faculty Communicates teaching strategies and teaching methodologies for effective learning during classroom contact hours. The process of revision of teaching learning methodology is based on recent developments and feedback from the stakeholders. The feedback from all stakeholders in terms of its relevance and environment helps in improving the inputs.

Teaching-learning and Evaluation

At Siddhant COE, the process of admitting students to the programmes is through a transparent, well-administered mechanism, complying with all the norms of the concerned state and central government regulatory authorities. Siddhant COE follows the guidelines of the DTE regarding reservations to the backward classes. The Student - Teacher ratio is strongly fulfilled aspect at Siddhant COE.

This criteria pertains to the efforts of an institution to serve students of different backgrounds and abilities, through effective teaching-learning experiences. Interactive instructional techniques that engage students in developing motoring skills and investigation, through the use of projects, presentations, experiments, practicals, internship and application of ICT resources are important considerations.

The student-centered education with appropriate methodologies such as participative learning,

experiential learning and collaborative learning modes, facilitate effective learning are catered at Siddhant COE. Teachers undertake initiative to learn and keep abreast with the latest developments, to innovate, continuously seek improvement in their work and strive for individual and institutional excellence.The POs and COs are stated on the website of the institute. The mapping and attainment of all the COs and POs are is carefully observed and appropriate remedies are undertaken. The Institute has an excellent pass percentage of final year students.

The strong feedback system at Siddhant COE showcases the actual quality of teaching learning process enabling identification of the strengths of teaching as well as the possible improvements.

Research, Innovations and Extension

This Criterion seeks information on the policies, practices and outcomes of the institution, with reference to research, innovations and extension. It deals with the facilities provided and efforts made by the institution to promote a 'research culture'. The institution has the responsibility to enable faculty to undertake research projects useful to the society. Serving the community through extension, which is a social responsibility and a core value to be demonstrated by institutions, is also a major aspect of this Criterion.

Institute conducts IPR/Patent sessions, Workshop on "Research ethics","Introduction to IPR" session through KAPILA(NIPAM),Workshop on "Quantitative Vs Qualitative Research methods" and Webinar on "Development of IPR in India".In all, 124 Paper Publications to excel in research for last 5 years (2018-2023).The Institution has created an ecosystem for innovation including incubation centre and other initiatives for creation and transfer of knowledge, enhancing quality of teaching and learning.Extension also is the aspect of education which emphasizes community services. These are often integrated with curricula as extended opportunities, intended to help, serve, reflect and learn. Total 52 NSS Activities (2018-23) were conducted, especially in rural areas. It helps keep the academic activities in the HEI in a more realistic perspective and also expand the scope of learning experiences to students. Collaboration can be sought with academic institutions or industry the range of activities also include training. Total 124 MoUs/Internship (2018-23) were done.Thus, Our Institute is Deliberately working for the Socio-Economical Development for the benefits of Students/faculty members.

Infrastructure and Learning Resources

The institute has adequate number of class rooms and laboratories as per the norms of HEI Institutions, to conduct all the academic activities. A spacious play ground is made available for outdoor games in college campus. Facilities for indoor games and gymnasium are provided to the students in the institute campus. The Library is fully automated with KOHA LMS version 18.11 and has taken the membership of DELNET with bar code system. Siddhant COE titles of books are 4605 ,Number of volume are 20812 with 1357 CD/DVD collections. The library has reading room with 150 seating capacity. Institute has a network of 512 computers (Student- computer ratio of 3:1)with 300 Mbps internet connectivity and Wi-Fi facility to fulfil the academic and research needs.

 Siddhant COE caters for transport and hostel facility for staff and students. The Institute has deployed ERP software, VMEDULIFE, which manages the entire administration, campus operations, and academic management in an efficient way. Institute has open source software like Ubuntu 14.04, Fedora. Institute has EPABX which is a private telephone network used by CAYMET for various types of communication.

Expenditure on infrastructure and Maintenance is audited by C.A on every year. The institute also has, two backup generators (Capacity-125 KVA and 100 KVA) of Kirloskar made running on Diesel, each floor have water cooler with RO plant which is available 24 hrs. For security and smooth working of the institute , Siddhant COE has under the 24 hour audio video recording CCTV cameras situated on different location.

Student Support and Progression

The students of Siddhant COE avails various freeship and scholarship provided by the government. More than 80 % students have been benefited. Siddhant COE provides best support to students in all perspective of their development. In covid-19 pandemic the institute had taken total care of student's education and extracurricular activities via online mode. Even Siddhant COE conducted the sessions to built up their immunity to fight with covid-19. For Student Support, Siddhant COE have taken total care that not a single willing candidate leave aside from education, by providing fees concession. Siddhant COE have been using Soft skills, Language and communication skills, Life skills (Yoga, physical fitness, health and hygiene), and ICT/computing skills. The institute has formed different grievance committees for smooth running and to generate a sense of safety amongst the students.

For the Progression of Student the institute has a separate Training and placement department which actively organizes the training activities and equally organizing placement drives at the institute campus and at outside colleges as well. For Student Participation and Activities, Siddhant COE has enough infrastructure for student's participation in extracurricular activities. Siddhant COE has enriched alumni, the alumni meet is organised annually this greatly develops the cohesive bond among them and faculties as well. Siddhant COE has developed technical and social qualities in them, they also come forward to guide other students for getting best jobs.

Governance, Leadership and Management

The leadership of the institute is consistently putting efforts to impart quality technical education to the students. The Principal and HODs of various departments carry out variety of activities to foster the practical knowledge of the students through industry interactions. The institute decentralizes the authorities and powers adhering to hierarchical structure. Different committees are formed at institute level for smooth and effective conduction of various academic activities. A annual strategic plan focusing on the development has been prepared by the institute. Consistent and collaborative efforts are being made by the institute to implement this strategic plan.

The institute ensures that employees get all the benefits meant for them. The performance of each employee is reviewed at the end of every year by means of appraisal mechanism. Faculty members are promoted to participate in different professional development programs such as technical conferences, workshops and training courses by providing financial assistance. The institute has Internal Quality Assurance Cell (IQAC) which contributes significantly in the overall development of the students and faculties. Various activities are planned and implemented in proper manner by IQAC. The remarkable initiatives by IQAC in the recent past are successful implementation of industrial internship program, mentor-mentee system and Outcome Based Education as well. The institute reviews its financial transactions regularly by conducting external financial audits to ensure transparency. A well-defined system and procedures are adopted for effective and proper channelization of the funds.

Institutional Values and Best Practices

Siddhant COE is completely aware about gender equity, i.e. everyone in the campus enjoys the same right, resource, opportunities and protections. This is achieved by arranging various programs and creating the environment. The faculty and student are prepared for issue of environment consciousness, issues of carbon emission, pollution awareness, rainwater harvesting, sewage water utilization, E-waste management and green practices. Siddhant COE has provided facilities like lift, rest room, brail software for physical disabled (Divyanajan) students and staff. Siddhant COE is located in industrial belt and students are from rural and agricultural background. To bridge the gap between Siddhant COE and industry, Siddhant COE has initiated number of programs with the help of neighbouring industries. For the best interest of student institute has laid down model code of conduct for students, teachers, principal and for governing body. Siddhant COE regularly organize social, ethical programs. Siddhant COE focuses on the overall personality development of the student with the academic excellence.The management strives to foster research culture.

Siddhant COE, situated in Asia's largest industrial belt, stands out as a prominent centre for Mechanical, Civil, ETC, 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 incorporates a hierarchical framework for educational objectives, into its curriculum.Siddhant COE ensures that students develop critical thinking abilities and problem solving skills. This approach fosters a deeper understanding of the subject matter and prepares students for real-world challenges.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	CHAUDHARY ATARSINGH YADAV MEMORIAL EDUCATION TRUST SIDDHANT COLLEGE OF ENGINEERING
Address	A/P -Sudumbre,Chakan-Talegaon Road,Taluka-Maval,District-Pune,Pin-412109
City	PUNE
State	Maharashtra
Pin	412109
Website	www.siddhantcoe.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	LAXMAN VITTHAL KAMBLE	02114-661906	9850180066	02114-661902	siddhant.naac2017@gmail.com
IQAC / CIQA coordinator	RAHUL RATNAKAR KULKARNI	02114-661904	9762999729	02114-661902	siddhant.iqac@gmail.com

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	Yes Minority.pdf
If Yes, Specify minority status	
Religious	
Linguistic	Hindi
Any Other	

Establishment Details	

State	University name	Document
Maharashtra	Savitribai Phule Pune University	View Document

Details of UGC recognition		
Under Section	Date	View Document
2f of UGC		
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	10-04-2017	12	Previous cycle Extension of approval is attached
AICTE	View Document	10-04-2017	12	Previous cycle Extension of approval is attached

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

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	A/P -Sudumbre,Chakan-Talegaon Road,Taluka-Maval, District-Pune,Pin-412109	Rural	24	16250

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BE,Computer,Computer Engineering	48	Higher Secondary Certificate	English	120	112
UG	BE,Civil,Civil Engineering	48	Higher Secondary Certificate	English	60	14
UG	BE,Mechanical,Mechanical Engineering	48	Higher Secondary Certificate	English	60	18
UG	BE,Electronics And Telecommunication,Electronics And Telecommunication Engineering	48	Higher Secondary Certificate	English	60	38
UG	BE,Information Technolo	48	Higher Secondary	English	60	58

			Certificate			
	g,Information Technology					
PG	ME,Computer,Computer Engineering	24	Bachelor of Engineering	English	18	11
PG	ME,Mechanical,Design Engineering	24	Bachelor of Engineering	English	24	9
PG	ME,Electronics And Telecommunication,VLSI and Embedded System	24	Bachelor of Engineering	English	18	7
PG	ME,Information Technolog,Infromation Technology	24	Bachelor of Engineering	English	24	7

Position Details of Faculty & Staff in the College

	Teaching Faculty											
	Professor				**Associate Professor**				**Assistant Professor**			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	8				16				56			
Recruited	3	0	0	3	3	0	0	3	20	36	0	56
Yet to Recruit	5				13				0			
Sanctioned by the Management/Society or Other Authorized Bodies	2				3				13			
Recruited	1	1	0	2	0	3	0	3	3	10	0	13
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				69
Recruited	55	14	0	69
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				12
Recruited	10	2	0	12
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	4	1	0	3	3	0	0	0	0	11
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	23	46	0	69
UG	0	0	0	0	0	0	0	0	0	0

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

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

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	0	1	0	1

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	687	10	0	0	697
	Female	354	3	0	0	357
	Others	0	0	0	0	0
PG	Male	16	2	0	0	18
	Female	27	0	0	0	27
	Others	0	0	0	0	0
Diploma	Male	375	9	0	0	384
	Female	113	2	0	0	115
	Others	0	0	0	0	0

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Provide the Following Details of Students admitted to the College During the last four Academic Years

Category		Year 1	Year 2	Year 3	Year 4
SC	Male	55	62	53	21
	Female	30	30	30	19
	Others	0	0	0	0
ST	Male	4	2	2	1
	Female	0	0	1	2
	Others	0	0	0	0
OBC	Male	136	126	107	73
	Female	63	67	63	48
	Others	0	0	0	0
General	Male	637	638	557	348
	Female	251	238	164	141
	Others	0	0	0	0
Others	Male	87	78	56	39
	Female	24	28	22	17
	Others	0	0	0	0
Total		1287	1269	1055	709

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	•The main objective of National Educational Policy (NEP) 2020 is enhancement of skill, increase in competencies, impart relevant knowledge befitting to 21st century. • In view of NEP 2020, Siddhant COE has taken steps towards the multidisciplinary/interdisciplinary courses. Courses such as Humanity and social science, business communication skills are conducted for the students. • Interdisciplinary projects to solve social problems are developed by the students as part of project based learning and final year projects. • Students of all departments are actively participating in the curriculum and extra curriculum activities. • Students learn the interdisciplinary concepts and apply the

	knowledge to develop the interdisciplinary projects, as the part of SPPU project curriculum. • Students are participating in national and international level project competitions, poster competitions and won the prizes as well.
2. Academic bank of credits (ABC):	• The institute has positively responded to the new Academic Bank of Credits concept that was presented in NEP 2020. • In this regard, we had registered our institute on www.nad.digilocker.gov.in. Moreover, as per the guidelines of the parent university regarding NAD, the students have been educated on the goals and significance of such efforts, and relevant connections have been supplied to them. • The students receive assistance in this regard from their respective class teachers and mentors. • Since we are regulated by SPPU and UGC, there is no provision for dual degree/twinning programme and credit transfer. • At Siddhant COE, faculty are members of BOS, Academic council and BOS members are involved in drafting the curriculum, add on courses and author books related to curriculum as well as general themes. For assessment of the courses, as per the SPPU norms eligible faculties are reported to CAP for assessment.
3. Skill development:	• Value education is to be inculcated through co-curricular and extracurricular activities; our institute is focusing on the overall development of students by providing human orientation and experiential learning on human values, societal concern, and environmental awareness. • Extra-curricular committees along with NSS unit and departments are actively engaged in various activities. Owing to their constant encouragement, large number of students are actively involved in various social activities and showcase their responsibilities towards society. • The universal values are inculcated by organizing various social activities like essay competitions, debate, extempore, rangoli making etc. on occasions like international literacy day. National Days like Lokmanya Balgangadhar Tilak Jayanti, Mahatma Gandhi Jayanti, Dr. Babasaheb Ambedkar Punya Tithi observed at the institute. • Apart from celebrating these days, institute also invites experts to deliver lectures to understand the constitutional responsibilities while observing Indian Constitutional Day. • The students also take up the mandatory

	course on constitution prescribed by the affiliating university. • Our NSS team, associations and departments play an active role in instilling human values and environmental awareness in our students. • The Institutional Innovation and Incubation Cell is organizing lecture series and conducts various activities which provide a platform for the students to nurturing their start up and entrepreneurship abilities. • Our Training and Placement Cell oversees technical and soft skill training through in-house and external collaborations and are imparted through various, Customized Training Programs, Add-on Certificate Courses, Hands on Training workshops, Entrepreneurship skills and Seminar/Conference/FDPs, enriching employability skills, interpersonal skills, communication skills.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	• The institute is governed by SPPU regulations and their curriculum and hence it is imperative that all the programme adhere to the use of the English language as the medium of communication and for the conduct of course work. • For all other students too, during remedial and tutorial classes, efforts are made by the subject teacher to explain the difficult concepts in regional/national language. • The college, on the other hand, observes significant days such as Hindi Bhasha Divas and Marathi Bhasha Divas, programs like 'Vruksha Dindi' are organized to raise awareness of India's national and regional languages as well as the culture that is linked with each of those languages. • 'Spandan' is a cultural programme event at Siddhant COE, through this programme students are enthusiastically participated and show their talent of different culture through their performance. • Every year college participates in 'Warkari Dindi' by distributing food articles, drinking water facility to the warkaris and other participants. Celebration of Ganpati festival, garbha-dandiya etc. helps to inculcate Indian culture among the large mass of the students and teachers. • Thus, the Institute devotes all of its efforts to the incorporation of the Indian Knowledge system into its operational culture and to the dissemination of this knowledge.
5. Focus on Outcome based education (OBE):	• Competency/Outcome-based education, often known as OBE, is an approach that is performance based and has recently emerged as a prominent model for the reform of education on a global scale. • Our

institute has adopted the outcome-based education model notified by SPPU. The POs, COs, PSOS and their attainment has been worked out at the conclusion of each term. • Examinations and other forms of student assessment play a significant part in determining the overall quality of an education. These all parameters are required not to just evaluate the accomplishments of the students (and their grades), but also to determine whether or not the specified learning goals have been attained. • It is essential to demonstrate that accurate and reliable evaluations have been conducted in order to demonstrate that programme objectives and results have been achieved. • The following reforms were introduced in evaluation: - 1) Varied modes of testing like Mid term test, End Term Test and Prelim Examination. 2) Flexibility in modes of testing like assignments, tutorials and surprise test. 3) Assessment and attainments of Course outcomes and Programme outcomes and their mapping . • The institute's current assessment and evaluation methodology is in line with the requirements of NEP 2020, and any new inputs will be applied in accordance with the recommendations provided by competent authorities.

6. Distance education/online education:	• SPPU, the parent university offers variety of online courses which students are opting as per their interests. Offline or Face-to-face classes were suspended during COVID-19. • Our faculty and students adapted to the lock down situation positively and maintained academics through online classes. • Following initiatives/methods were employed to deliver online education:- • Multiple ZOOM PRO systems were used for theory and practical classes, providing uninterrupted sessions. Students received lecture notes and presentations via WhatsApp or any other platforms webex, zoom etc. • Faculty uploaded lectures on the you tube channel. • Simulations and YouTube videos were used for practical's. • Online sessions helped slow learners. • WhatsApp groups enhanced student communication and comprehension. • Content beyond syllabus and recent advancements were delivered by organizing Webinars/Workshops which included the experts from industry and academia through ZOOM, Google meet and other platforms. • Co-curricular and extracurricular activities were conducted by utilizing

ZOOM and Google Meet. • Continuous assessments were conducted by short presentations, poster, and flyer preparations. • Internal examinations were conducted through Google Classroom portals. The mode of examinations conducted was of Multiple Choice Questions and Subject based assessments. • Before the online University examinations, students were trained on the revised examination pattern by conducting preliminary examinations through online mode. • Few teachers are coordinators of courses conducted under SWAYAM Portal and teachers have contributed for development of these courses. Students were encouraged to undertake online skill development courses through Coursera, SWAYAM/NPTEL Platforms. • International and National level Faculty Development programme and National level competitions (online video making, Employability skill tests etc. were conducted using ZOOM, You tube and Facebook platforms. • Online placement support was provided by delivering orientation on video CV preparation, performing online skill tests and interviews) Now online and offline modes of teaching are also included in NEP. • The Institute promotes online education through organizing National and International FDPs, certification courses. Our institute is ready to adopt NEP2020's Digital Education Policy due to the aforesaid facilities and practice.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Yes, we have form the Electoral Literacy Club (ELC) committee. They are working for ELC.
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	Yes, the Institute has appointed faculty coordinator Mrs. Nanda Kulkarni and student coordinator Mr.Harshad Gund to lead the Electoral Literacy Club.
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of	At Siddhant COE, the students of Electoral Literacy Club (ELC) carried out the voter registration drive with great enthusiasm, in which students participated with great enthusiasm and 105 new voters were registered.

ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	Yes. We are undertaking projects related to electoral process which will be beneficial for online voting.
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	There were 105 new voters registered at the college thanks to the efforts of the Electoral Literacy Club (ELC) students, who had the support of the majority of the students present.

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1287	1269	1055	709	724

File Description	Document
Upload Supporting Document	[View Document](#)
Institutional data in prescribed format	[View Document](#)

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 108

File Description	Document
Upload Supporting Document	[View Document](#)
Institutional data in prescribed format	[View Document](#)

2.2

Number of teaching staff / full time teachers year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
72	77	86	88	98

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
182.68	427.09	238.90	135.06	318.83

File Description	Document
Upload Supporting Document	[View Document](#)

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

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.

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 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 which is duly approved by HOD and Principal. The faculty members are allotted the subjects based on preferences given by individual faculties. As far as possible, expert faculty members are assigned relevant subjects for teaching as per their area of specialization.

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. Lectures of faculty members are periodically monitored by academic coordinator along with the Principal. The Principal and Head of departments (HODs) also take oral feedback from the students. Faculty members with average feedback are encouraged to improve their teaching through counseling.

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	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

1.2 Academic Flexibility

1.2.1

Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Response: 23

File Description	Document
List of students and the attendance sheet for the above mentioned programs	[View Document](#)
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Evidence of course completion, like course completion certificate etc. Apart from the above:	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

Other Upload Files	
1	[View Document](#)

1.2.2

Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Response: 21.17

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five

years

2022-23	2021-22	2020-21	2019-20	2018-19
256	236	191	176	209

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.3 Curriculum Enrichment

1.3.1

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

Response:

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.

Civil Engineering program includes subjects related to Environmental engineering such as Basic Civil and Environmental Engineering, Air Pollution, Dams and Hydraulic structures, Environmental Engineering, Fluid Mechanics.

Final year students are motivated to undertake projects which address varied issues viz. green energy, biogas, solar energy, pollution control, water management, agricultural electronics, etc.

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. Here are the details:

1. Reducing energy consumption: The course emphasizes the importance of minimizing energy usage in IT operations. This includes strategies such as optimizing power settings on devices, implementing energy-efficient hardware and software solutions, and utilizing virtualization and cloud computing to reduce energy consumption

2. Recycling and responsible disposal: Green IT encourages the proper recycling and disposal of old IT equipment. This involves educating students about the environmental impact of electronic waste and the importance of recycling or disposing of equipment in an environmentally friendly manner

3. Carbon emissions reduction: The course covers the core drivers of carbon emissions in software applications and teaches students how to measure and reduce software emissions. This includes understanding the greenhouse gas protocol and software carbon intensity, and implementing strategies to minimize carbon emissions in software development and usage.

These examples demonstrate the comprehensive approach of the Green IT course in promoting sustainable practices in the field of information and communications technology. By incorporating these initiatives, the course aims to equipped students with the knowledge and skills to contribute to a more environmentally friendly and sustainable IT industry.We have to inculcate gender equality in students in constitution of India, Induction programs. Ensure that educational materials used in the classroom are free from gender stereotypes.Alter the language within your lessons to help expand students' perspectives beyond gender.It is critical to make the entire education ecosystem conducive. For this, it is imperative to identify curricular changes, teacher training, and community involvement.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

1.3.2

Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 46.7

1.3.2.1 **Number of students undertaking project work/field work / internships**

Response: 601

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.4 Feedback System

1.4.1

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

Response: C. Feedback collected and analysed

File Description	Document
Feedback analysis report submitted to appropriate bodies	[View Document](#)
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	[View Document](#)
Action taken report on the feedback analysis	[View Document](#)
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 40.23

2.1.1.1 **Number of seats filled year wise during last five years (Only first year admissions to be considered)**

2022-23	2021-22	2020-21	2019-20	2018-19
236	203	105	53	103

2.1.1.2 **Number of sanctioned seats year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
330	330	330	330	420

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Final admission list as published by the HEI and endorsed by the competent authority	[View Document](#)
Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.1.2

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 100

2.1.2.1 **Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)**

2022-23	2021-22	2020-21	2019-20	2018-19
87	56	37	12	19

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

2022-23	2021-22	2020-21	2019-20	2018-19
87	56	37	12	19

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	[View Document](#)
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.2 Student Teacher Ratio

2.2.1

Student – Full time Teacher Ratio
(Data for the latest completed academic year)

Response: 17.88

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 and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

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.

1. **Experiential Learning module:** ??

- **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,

1. BYTEXCEL.
2. Elite Software Pvt.Ltd.
3. Jijai Technology Pvt.Ltd
4. PHN Technology Pvt.Ltd
5. UNIQUE Software Pvt.Ltd.

- **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,

1. C-DAC, Pune
2. G-Mart,Kothrud, Pune

- **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,

1. PYTHON
2. ANSYS
3. Latex
4. Android
5. NODE-JS
6. ANGULAR JS
7. Apptitude Test
8. Web Site Development

2. **Participative Learning Module:**

- **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. The institution supports for organization of certificate courses for skill development.
- **Competitions and Gathering, Social Activity:** The institute supports students committee in organizing intercollegiate annual technical event and annual cultural gathering "Technotsav" , "Spandan". Mega sports event is the hall mark of Siddhant COE where many indoor as well outdoor sports competitions are held. Social and environmental issues are addressed through NSS

activities.

- **Problem solving methodologies** :-Students are encouraged and financially supported to participate in various national level technical competitions, design and implementation of Software/Apps etc. Students work on projects/model building/simulation in the form of design and fabrication of some systems.
- **Use of ICT Tools for Online Lectutes:-**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.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

2.4 Teacher Profile and Quality

2.4.1

Percentage of full-time teachers against sanctioned posts during the last five years

Response: 100

2.4.1.1 **Number of sanctioned posts year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
72	77	86	88	98

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.4.2

Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

Response: 11.16

2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
10	8	9	10	10

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	[View Document](#)
Institution data in the prescribed format	[View Document](#)
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1

Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

- **Assignments:** Two to three assignments are conducted during semester for each subject covering all CO's.Assignments marks are conveyed to the students.
- **Tests:** Two tests are conducted during semester for each subject covering all CO's. Marks are conveyed and solution is discussed with students.
- **Attendance:** Theory and Lab attendance is also linked with internal assessment.
- **Practical Assessment:**Lab performance of each student is assessed per week per experiment based on performance and attendance.
- **Internship/Mini Project:** Presentations are scheduled twice per semester and evaluated internally and externally based performance of student.
- **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.

Mechanism ofgrievance redressal system is time bound and efficient is transparent:

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.
6. Typographic grievances are handled by Controller of Examinations (CoE), SPPU and corrected proofs are presented to institute.
7. Students apply for revaluation and verification of marks. The University provides the photocopy of answer books to students on demand and if student wants can apply for reassessment of answer book. In consultation with the Faculty.
8. Examination malpractice grievances are handled by committee formed at university level under CoE, SPPU. The enquiry is completed by this committee where student can defend his/her case. After completion of the enquiry, the committee recommends the appropriate action which is informed to the institute and the student for adherence.
9. For time bound resolution of all above grievances the institute completes the procedure well within the stipulated time suggested by SPPU.
10. For internal examination grievances students can contact their respective subject teacher or HoD to sort out the issue.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1

Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

Response:

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.

- Departmental entrance (POs)
- Head of Department Cabin (POs)
- Course File (CO and PO)
- Course File – Attainment of Cos and Pos.
- 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. Students submit the declaration that CO and PO have been understood.

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.
2.	Mid Term and Preliminary Tests.
3.	SPPU End Sem exam results.

| 4. | Practical Attainment. [If applicable] |
| 5. | 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 the List of Experiments in order to map COs
5. Faculty prepares assessment scheme for assignments and maps assignment questions with COs.
6. Faculty prepares assessment scheme for term tests and maps term test questions with COs.
7. Faculty enters CO and PO details, Term Test and assignment marks, practical assessment marks along with the Course exit Survey.
8. Faculty has to add the CO-PO mapping details.
9. The Specified excel generates COs, POs, attainment levels based on programmed algorithms.
10. CO PO displayed on the Institute website.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

Siddhant COE practices Outcome Based Education mechanism scrupulously. All departments have program outcomes for their respective program, as well as course outcomes for all courses and set respective targets. The Departments adopt both direct and indirect methods of assessment to ensure the attainment of Course Outcomes and Program Outcomes. Throughout the semester, the students are made to solve the Assignments, Tests, Practicals to improve the motoring skills The course exit survey is conducted at the end of the semester to calculate the attainment of Course Outcomes and Program Outcomes Course Faculties ensure Assignments, Question Paper are mapped with the respective Cos and the attainment is evaluated using this methodologies.

Direct Assessment methods include:

Internal Evaluation - Assignments, Tests and Practical assessment. etc

The SPPU Insem Examination and End-Term Result Evaluation is also a major part of direct

assessment. These scores are taken into consideration for the evaluation of COs.

Indirect Assessment Methods include:

Feedback's - Course exit survey-

   For any outcome-based system, achieving the attainment level of the POs and COs is a key parameter that plays a vital role. This facilitates the development of academic culture among the students and the teachers as well. Head of the department monitors attendance, teaching-process, assessment of the students keeps the track of overall academics. The following method is used to assess the attainment of course outcomes.

1. Measuring course outcomes attained through internal assessment. This includes the performance of the student throughout the semester based on Theory/ Practical attendance, regular test exams, assignments, continuous assessment, Term work, etc. Questions in the assessment tools are well mapped with COs for good alignment of COs with POs.
2. Measuring course outcomes attained through University examinations. This consists of a University End-semester examination. CO Attainment is computed based on the students' performance through the above-mentioned assessment tools. The attainment levels for courses are finalized based on previous results/performances. First, the threshold levels are decided for various courses. Three attainment levels help to compute the level of attainment of each course outcome against the defined threshold. The measurement of attainment is based on the actual percentage of students achieving the threshold percentage of marks or more.
3. The analysis of the attainment level is also a vital activity. For the subject where attainment is low, the remedial actions-for enhancing the performance in the next turn; are recommended.
4. These remedial actions includes measures such as – Improving the quality of assignment questions, Increasing the number of questions in each assignments, encourage students to enroll for NPTEL / MOOC courses etc. Implementing these measures the attainment levels are ensured to improve.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

2.6.3

Pass percentage of Students during last five years (excluding backlog students)

Response: 85.82

2.6.3.1 **Number of final year students who passed the university examination year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
0225	304	230	157	131

2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
332	329	240	162	157

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	[View Document](#)
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response: 3.65

File Description	Document
Upload database of all students on roll as per data template	[View Document](#)

Criterion 3 - 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 last five years (INR in Lakhs)

Response: 0

3.1.1.1 **Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
00	00	00	00	00

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.2 Innovation Ecosystem

3.2.1

Institution has created an ecosystem for innovations, Indian Knowledge System (IKS),including awareness   about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

To create an ecosystem for innovations and knowledge creation, the college has recently taken an initiative to establish Incubation Centre. A committee of officials has been constituted for this. This will facilitate establishment of start-ups within the campus. The development of network with academia, financial institutions, industries, and other successful business enterprises will develop entrepreneurial skill among the students and would help them to find better opportunities.

Under the Innovation and Incubation Centre the holistic approach of Indian Knowledge System (IKS) is also being implemented to create a database of individuals and institutions who have contributed by way of Research, Teaching, Publication and Preservation of ancient and contemporary rich Indian knowledge systems.The college departments also organize seminars/ conferences/ workshops/ entreneurships development and expert lectures from time to time. This helps the students and faculties to present their papers, participate in discussions, and increase their knowledge about contemporary issues. The training

programmes helps them to learn the research and, advanced methodological skills, particularly the use of technology and statistical software's. In the past few years, seminars, conferences, workshops and training prgorammes were organized by the college.

The college's faculties also participate as resource persons, paper presenters, discussions at college, corporate, and policy levels (both government and non-government).In several courses, Master level students are required to undertake small research studies which they can expand in future. Such studies help the students to develop innovative ideas in their field. With the help of their teachers, they can refine their studies and publish in reputed journals. Post graduate level students are also encouraged for pursuing Ph.D. to produce research papers from the area of their study, present them in seminars and conferences, and publish in journals and edited books. The college also supports the faculties for their outstanding research and publications.In essence, the college is actively involved in strengthening the ecosystem of innovations and knowledge sharing.IPR cell is also being established in the college itself and a committee of officials has been constituted for this so as to encourage students for filing the patents and hence programs were being conducted for the same.IPR awareness: Institute has organized "IPR awareness program" for creating general awareness about the benefits of intellectual property including patents, copyright and trademarks among the students and faculties.Research promoting scheme: This scheme is for promoting faculties to publish their research papers in reputed national and international journals and conferences. To create conducive environment for research by promoting research in engineering sciences and innovations in established and newer technologies, institute provides monetary benefits to the faculties for their contribution in research.Visits by Eminent personalities, scientists and professors: Departments in institute arrange expert lectures by eminent personalities from academics and industries to share their rich knowledge and experience in latest technologies with students.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

3.2.2

Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 21

3.2.2.1 **Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
05	6	5	3	2

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.3 Research Publications and Awards

3.3.1

Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 0.12

3.3.1.1 **Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
03	05	03	01	01

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	[View Document](#)
Link to re-directing to journal source-cite website in case of digital journals	[View Document](#)
Links to the papers published in journals listed in UGC CARE list or	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.3.2

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

Response: 0.21

3.3.2.1 **Total number of books and chapters in edited volumes/books published and papers in**

national/ international conference proceedings year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
22	0	1	0	0

File Description	Document
List of chapter/book along with the links redirecting to the source website	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.4 Extension Activities

3.4.1

Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

Siddhant COE, Sudumbare laid its foundation stone 18 years back for the upliftment of the society by providing quality education to the students of rural area.It helps students in developing leadership qualities, ideal of social services, develop a passion and brotherhood towards community and build community relationship.The institute promotes service orientation and holistic development of the students through activities conducted by National Service Scheme (NSS) unit, in collaboration with NGO's, Community and government agencies. Having pleasant attitude towards society is moral responsibility of an engineer that can be achieved by exposure through active participation in various extension activities.

NSS Activities:Special Camp: Every year one week winter NSS special camp is organized by the institute. So far camps have been organized in the village named Kenhai in Maval Tehsil of Pune District.

Swachha Bharat Abhiyan: To promote this national mission, thirty student volunteers work every year under Swachha Bharat Abhiyan at different villages, Lohgad Fort, BhandaraDongar, Shivneri Fort etc. It starts with cleanliness march past early in the morning followed by a meeting with village working committee (Gram Sabha), school authorities and student volunteers of the institute. Student volunteers along with villagers then carry out cleaning activity in areas suggested by the village authorities.

Health Activity: Team conducts health surveys and health checkups in nearby villages as per guidelines of SPPU. Survey reports are submitted to civic body through SPPU for necessary action.During pandemic conditions, distribution of sanitizer, masks, tablets and grocery etc was carried out to help society's needy families.

Health checkup camp was organized at Siddhant COE on eye donation, tabacco addiction awareness, Blood pressure, sugar etc. A talk was organized on health awareness to address the problems faced by women and necessary precautions. More than 200 girls and staff were benefited.Ecologically beneficial activities like Road Safety, Disaster Management are conducted by the NSS team members.

Street play: NSS volunteers staged a play on "Disadvantages of Alcohol" to develop social awareness about its consumption.

Tree plantation program was arranged by NSS volunteers and more than hundred trees were planted every year at college campus and at special camp location. Tree plantation program was orgnized by NSS team with collaboration of NGO Badave. AutocompPvt. Ltd. company

Blood donation activity was organized in the NSS camp at Siddhant COE, Aditya birla hospital and at KenhaiGaon.

The informational speeches on topics like Digital India, gender sensitization, MaziVasundhara, Sarpa Information etc. are organized by NSS team.

On "International Women's Day" the institute organized various cultural programs. The active participation in all activities helps students in overall holistic development. It also helps in cultivating the hidden personality of students and creating awareness among students.

Gram Panchayat Website for the Sudumbare Village: The website for Sudumbare Gram Panchayat has been developed by the final year student of Information Technology to make the Grampanchayat activities go online this is an continuing project for at least two batches from final year students.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

3.4.2

Awards and recognitions received for extension activities from government / government recognised bodies

Response:

Siddhant COE, is situated in Sudumbare Gram Panchayat. Our students have contributed web portal development as a part of social wellness. As per discussed with Gram Sevika Mrs. Satika Shinde,

Institute takes opportunity & challenge to provided Sudumbare Gram Panchayat online Seva with the help of last year students of engineering. Siddhant COE, requested to the Block Development Office ,Maval, Pune,Dated: 07/10/2022 regarding web portal development for Sudumbare Gram Panchayat and received sanction letter regarding the same on Dated:13/10/2022.

Web portal development for Sudumbare Gram Panchayat is beneficial and convenient for the Gram Panchayat in the following manners:

URL - https://sudumbaregrampanchyat.in

1. House Tax Data Entry
2. Gram Sabha Notifications
3. Vaccination Alerts
4. Ration Supply Alerts
5. Swachh Bharat Abhiyan Notifications
6. Samaj Kalyan Notifications

As a part of social contribution, our students have developed the portal for the above mentioned activities and this project has enhanced their professional and academic qualities with a sense of social responsibilities.Thus, Institute as well as Gram Panchayat, are extremely happy for the development of the Gram Panchayat Online Seva Website for the above mentioned activities for the benefits and convenience for Rural people.

Awards and Recognitions:-

1. Hon. President Shri. Rajendrasing Yadav Sir has received Global Excellence and Leadership Award - 2021, for his Outstanding Contribution and Concern towards the Society and Nation at Large from Dubai, UAE. This recognition is a testament to his outstanding contribution and deep concern for the welfare of society and the nation at large. The award was presented to him in Dubai, UAE, in acknowledgment of his exemplary leadership and remarkable achievements.
2. Electronics and telecommunication Department, NSS Coordinator Prof. Nanda Kulkarni has been recognized by SPPU as a Zonal Coordinator "National Service Scheme Department Coordination",
3. Siddhant COE, has valued Partners of TCS National Qualifier Test (TCS NQT) for the year 2022-2023. Siddhant COE, a premier educational institution, has established a strong reputation for providing quality education and nurturing future-ready engineering professionals. This partnership reinforces our commitment to ensuring our students are well-equipped to excel in their career journeys.
4. Siddhant COE, has secured all India rank 473 among 500+ colleges participating in Internshala Annual Rankings for the year 2022. It has helped the students to enroll for internships throughout the year.
5. Prof. Rahul Kulkarni has received by Hon. Executive Director, SGI, Dr. Akhilesh Mishra Sir for Best Performance as a NAAC- IQAC coordinator from 2019 to 2022.
6. Siddhant COE, has got appreciation award from SAEINDIA (Society of Automotive Engineers INDIA) for the year 2022-2023.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

3.4.3

Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

Response: 31

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

2022-23	2021-22	2020-21	2019-20	2018-19
10	09	02	08	02

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.5 Collaboration

3.5.1

Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 22

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	[View Document](#)
List of year wise activities and exchange should be provided	[View Document](#)
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for,

- **teaching – learning, viz., classrooms, laboratories, computing equipment etc**
- **ICT – enabled facilities such as smart class, LMS etc.**

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

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 Savitribai Phule Pune University (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, wifi enable campus.

The gross infrastructural area of the institute is as given below:

1. Instructional Area-10655 Sq. m.
2. Administrative Area-1698 Sq. m.
3. Amenities -942 Sq. m.
4. Circulation and other -6353.7 Sq.m.

The bifurcation of instructional area is as under:

1. Class Rooms –24 class rooms with total area 1608 Sq. m. (As per AICTE norms 23 classrooms admeasuring 1518 Sq.m. is required)
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)
3. Drawing Hall: 2 drawing hall with total area 518 Sq. m (As per AICTE norms 1 drawing hall admeasuring 132 Sq.m. is required)
4. 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)
5. Language Lab: 1 language lab with total area 68 Sq.m.
6. Seminar Halls: 2 seminar halls with total area 259.2 Sq. m.
7. Workshops: 1 workshop with total area 440 Sq.m.
8. Library and Reading room: 1 library including reading room with total area 645.5 Sq.m.

In addition to the above physical facilities the institute also has, two backup generators (Capacity-125

KVA and 100 KVA) of Kirloskar made running on Diesel, each floor have water cooler with RO plant which is available 24 hrs. The students participate in various inter-college and inter-university level tournaments. A spacious play ground is made available for outdoor games like cricket, football, Basketball, Volleyball, Kabaddi, etc. in college campus. Facilities for indoor games viz. Table Tennis, Chess and Carom are provided to the students in the institute campus. The institute has well equipped gymnasium with adequate equipment established in 2009. On an average 50 students per day are utilizing gymnasium facilities. The institute provided the dedicated space for yoga to students as well as faculties, since 2017. Awareness of Yoga and its sessions are arranged in the campus for staff and students. The facility provided for admitted students includes boys and girls common rooms, ramp for physically disable students. Institute has Sunguard fitted lift with capacity to carry 8 passengers.

File Description	Document
Upload Additional information	[View Document]
Provide Link for Additional information	[View Document]

4.1.2

Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

Response: 2.07

4.1.2.1 **Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
8.95	0.57	12.46	0.55	4.45

File Description	Document
Institutional data in the prescribed format	[View Document]
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	[View Document]
Provide Links for any other relevant document to support the claim (if any)	[View Document]

4.2 Library as a Learning Resource

4.2.1

Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

The Central Library of Siddhant College of Engineering is established in the year 2005. The Library is located at the ground flower in the college building at room number 1B1 & 1B2. The library has total area of 645.52 square meters. The book stack room is 341.6 square meters and the reading room is 303.92 square meters. The Library timing is 08:30 AM to 04:30 PM. The Library is fully automated with KOHA LMS version 18.11. KOHA is one of the world's best Open sources Library Management Software. Activities like Book issue/return, Book searching, Cataloging, Report generation are done through KOHA LMS. 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-Developing Library Network. It includes e-journals and e-books. We can access Millions of Networked Library Resources through DELNET. It includes 5000+ full text e-journals, 100000+ Theses/Dissertations. Manuscripts and rare books are also accessible through DELNET. Also 911 e-journals related to Engineering and Technology is available in DELNET. The SCOE library has reading room having150 seating capacity. The faculty member and students are the user of the library. Per day use of the library by staff and student is **106**. The library has huge collection of text and reference books. Total 20832 volume and 4751 titles of books are available. The library has also the collection of CD/DVD. Total **1357** book and journal CD/DVD are available in the library.

Library Services: SCE library provide different types of services to patrons like syllabus, question papers, project reports, open access to the stack room, reading hall, newspaper clipping.

Rare book and Manuscript: - The institute Library also made available and accessible to following sources on rare book and manuscript by providing link to the users. Users can get access through the institutional and individual registration on Internet.

- DELNET (Developing Library Network).
- National Digital Library of India.
- Rare book society of India.

Other knowledge resource

Scientology: - Library has good collection on Scientology by American science fiction writer L.Ron Hubbard. From Scientology book students seeking self-knowledge and spiritual fulfillment.

Editorials: - Collection of editorials and important articles from all the national newspapers are displayed in library to enrich the general knowledge and on current affairs of students.

Literature: - SCOE library has good Hindi, English and Marathi Literature collection and also Spiritual Literature like Bhagwat Geeta.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

4.3 IT Infrastructure

4.3.1

Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

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 ci 5, 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. vmedulife software has 15+ modules and it facilitates computerized processes for student admission, transfer of educational certificates on completion of studies, teachers-parents communication, examinations, financial and administrative operations, attendance and academic monitoring etc. Institute has 300 Mbps internet bandwidth and is fully Wi-Fi enabled with firewall protection. Regular maintenance of Wi-Fi is done. Institute has open source software like Ubuntu 14.04, Fedora. In the library, we have KOHA, Delnet, opac system, book drop-station, self-issue counter, multi-purpose staff station. Updating and maintenance is periodically done. Intercom facility is provided for each HOD cabin. Institute has EPABX which is a private telephone network used by CAYMET trust for various types of

communication, either between the employees or with outside clients. The institute was regularly upgrading the software and desktop system for fast execution of processes, Maintaining once in a semester check by system admin, Lab in-charge and Lab assistant.There is a 30-40 minutes reliable backup service for each lab, which is pivotal for conducting any IT-based work As mentioned above, the Institute regularly upgrades and maintains ICT facilities to enhance and strengthen the infrastructure.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

4.3.2

Student – Computer ratio (Data for the latest completed academic year)

Response: 4.15

4.3.2.1 **Number of computers available for students usage during the latest completed academic year:**

Response: 310

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	[View Document](#)
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1

Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)

Response: 21.09

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

2022-23	2021-22	2020-21	2019-20	2018-19
77.25	34.77	66.87	31.69	64.08

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 78.69

5.1.1.1 **Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
974	964	867	615	549

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	[View Document](#)
Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).	[View Document](#)
Upload policy document of the HEI for award of scholarship and freeships.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.1.2

Following capacity development and skills enhancement activities are organised for improving students' capability

1. *Soft skills*
2. *Language and communication skills*
3. *Life skills (Yoga, physical fitness, health and hygiene)*
4. *ICT/computing skills*

Response: C. 2 of the above

File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	[View Document](#)
Report with photographs on ICT/computing skills enhancement programs	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.1.3

Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 40.13

5.1.3.1 **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
544	500	191	200	589

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.1.4

The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

1. **Implementation of guidelines of statutory/regulatory bodies**
2. **Organisation wide awareness and undertakings on policies with zero tolerance**
3. **Mechanisms for submission of online/offline students' grievances**
4. **Timely redressal of the grievances through appropriate committees**

Response: B. 3 of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	[View Document](#)
Proof related to Mechanisms for submission of online/offline students' grievances	[View Document](#)
Proof for Implementation of guidelines of statutory/regulatory bodies	[View Document](#)
Details of statutory/regulatory Committees (to be notified in institutional website also)	[View Document](#)
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.2 Student Progression

5.2.1

Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 48.23

5.2.1.1 **Number of outgoing students placed and / or progressed to higher education year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
127	127	98	76	77

5.2.1.2 **Number of outgoing students year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
0225	304	230	157	131

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	**View Document**
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	**View Document**
Institutional data in the prescribed format	**View Document**
Provide Links for any other relevant document to support the claim (if any)	**View Document**

5.2.2

Percentage of students qualifying in state/national/ international level examinations during the last five years

Response: 0.74

5.2.2.1 **Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)**

2022-23	2021-22	2020-21	2019-20	2018-19
4	00	00	00	00

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	**View Document**
Institutional data in the prescribed format	**View Document**
Provide Links for any other relevant document to support the claim (if any)	**View Document**

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 last five years

Response: 10

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

2022-23	2021-22	2020-21	2019-20	2018-19
04	02	00	01	03

File Description	Document
Upload supporting document	[View Document](#)
list and links to e-copies of award letters and certificates	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.3.2

Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 8

5.3.2.1 **Number of sports and cultural programs in which students of the Institution participated year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
09	10	4	08	09

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

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

Response:

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. It is renewed in the year 2023.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.

Mentorship: Alumni play an active role in voluntary programs like mentoring students in their areas of skill. Alumni encourage the students to overcome the failures and narrate their own story of success that connect to the student by and large. This extracts the rich and deep rooted experience of alumni. The alumni also inspire the students to identify their inclination, which profoundly assists the students in capitalizing their potential. Alumni also contribute by providing suggestions on latest trends in technology to accommodate in syllabus restructure meetings as and when the guidelines from the SPPU and BOS are sought to do so.

Placements: The alumni network of institute is one of the biggest sources of placement opportunities to the students. Alumni in concern with training and placement department of the institute provide a platform together for the students to find suitable start for NAAC for Quality and Excellence in Higher Education the budding engineers in the vast domain of engineering and technology.

Career Guidance: The institute organizes career guidance programs by inviting alumni of the institute who are well established in industries in and around the city. Alumni present themselves as a huge talent pool on account of the experienced gained. The shared experience is always fruitful for the students and other fellow-alumni. For this purpose seminar, informal talks on current trends of technology are organized and alumni are invited to be part of it.

Alumni meet: The institute has mechanisms to track the present work and professional status of the alumni by using online alumni survey. Alumni meet is organized in the institute every year to provide a forum for the alumni to interact with the faculties and students of the institute.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Response:

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.

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..Principal is engaged in finding ways for progression of effective academics, administration and research activities which leads to utilization of maximum potential of teaching and non-teaching staff.Academic coordinator will ensure smooth conduction of academic activities along with departmental academic coordinators.College Examination Officer (CEO) – As per SPPU guidelines, the institute has appointed CEO who is responsible for successful conduction of all examinations.Head of the department (HOD) plans and monitors teaching learning process, distributes workload among the faculty members, sets up and upgrades the laboratories, supervises the functioning of Mentor-Mentee system.Training and Placement Officer (TPO) – role includes activities for students like industrial training, internships and vocational training programs. And to invite recruiters for students placements.Administrative Officer has been assigned the responsibility of maintaining discipline among staff and students, fulfilling infrastructural requirements, making necessary arrangements to ensure safety and security in the campus. Establishment section, student section, scholarship section and accounts section are headed by Registrar whose primary role is to assist the principal in all administrative matters and submit necessary reports and documents to statutory bodies.

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	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1

The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

Response:

1. **Organizational Structure:**

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 TandP Cell headed by TandP Officer. Hostel administration is taken care by the Hostel Rector.

2. **Service Rules for teaching and non-teaching staff –**

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.

- **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 COE has 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:

- Improvement in quality of technical education through implementing e-governance, digitalization in day to day functioning and skill based learning.
- Infrastructural development in concern with green campus initiatives such as installation of solar panel systems.
- Encouraging faculty for higher education.

The Institute is working hard to achieve these objectives through various activities and programs.

- **Deployment Activity Example :**

Installation of Solar Panel Systems-An ideal example of infrastructural development along with environmental sensitivity is the installation of Solar Panel Systems. The planning was initiated in academic year 2018-19. The Capacity of Solar Panel is 221kW.The energy generated in the campus which contributes significantly towards the Renewable Energy.

File Description	Document
Upload Additional information	[View Document]()
Institutional perspective Plan and deployment documents on the website	[View Document]()
Provide Link for Additional information	[View Document]()

6.2.2

Institution implements e-governance in its operations

1. Administration
2. Finance and Accounts

3.Student Admission and Support

4.Examination

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	[View Document](#)
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	[View Document](#)
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1

The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

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:

Appraisal System: 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.

Avenues for Career Development/Progression: 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.A staff member is granted study leaves if he/she wishes to pursue research work or higher studies.

Effective Welfare Measures 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 ERP system acts as a web based interface between all the employees and office to carry out activities like applying for leaves, getting salary slips, sending request for various maintenance works etc.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.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.3.2

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

Response: 4.28

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

2022-23	2021-22	2020-21	2019-20	2018-19
10	02	02	02	02

File Description	Document
Policy document on providing financial support to teachers	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	[View Document](#)
Audited statement of account highlighting the financial support to teachers to attend conferences / workshop s and towards membership fee for professional bodies	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.3.3

Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Response: 4.18

6.3.3.1 **Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP),** *Management Development Programmes (MDPs)* **professional development /administrative training programs during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
15	09	00	08	00

6.3.3.2 **Number of non-teaching staff year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
69	69	69	69	69

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of the certificates of the program attended by teachers.	[View Document](#)
Annual reports highlighting the programmes undertaken by the teachers	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1

Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

Resourse Mobilisation: The institute is a self-financed, so the major source of fund is from students as a Tuition Fees and other charges. Other source is NSS fund received from SPPU grants. The NSS Programme is funded by the Government of India and the State Government. Faculties has received remuneration for the activity of examination work from SPPU.The Income and Expenditure is certified by the Charted Accountant regularly. Whatever deficit encountered in finance. The management is in a position to meet the deficit, if any.

Financial Audits (Internal and External): 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 Ruturaj R Patil. Membership numbers-144355 Address- Kolhapur. Necessary compliance is done by the college management. The procedure of External audit is given below: The accounts and procedures of internal control of finance are carried out by the head of the accounts team on a day to day basis and. 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 calling quotations, comparison of rates, preparation of purchase order and approvals at every stage of such implementation and due verification of goods and services that are obtained after delivery or completion of works. No expenses are incurred without proper approval or

sanction by the Management.

Budget Estimation:HODs prepares departmental budgets which includes recurring and non-recurring expenses of the department. The budget also includes the expenses towards purchase of equipment, remuneration of guest lecturers, industrial visits and other departmental activities. There is well defined process for the purchases and the expenses taking place in the Siddhant COE. The Principal prepares annual budget of the institute on the basis of the departmental budgets submitted by HODs. This budget also includes important heads such as salary, capital expenses, T and P expenses, repair and maintenance, software and lab equipment, running cost, promotion and advertisement. Provisions are made in the budget to meet any forthcoming national/international events as planned by the institute. The sanctioning authority for the institute budget is the Management of the Siddhant COE.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

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. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

Internal Quality Assurance Cell (IQAC): Siddhant COE 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.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.

Quality Assurance Strategies and Processes: 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.Faculties have identified the weaker and 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. By extending the lesson plan beyond traditional textbooks to include online resources, teachers are able to become more efficient educators.

Incremental Improvemen Activities:

- **Virtual labs for the students:** When adapting labs to online or remote learning, think outside of the box in terms of how course learning outcomes can be met at a distance. Virtual simulations provide an often inexpensive option to acquire skills and knowledge, especially when specific equipment is not available in a remote setting.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.
- **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	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.5.2

Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
2. **Academic and Administrative Audit (AAA) and follow-up action taken**
3. **Collaborative quality initiatives with other institution(s)**
4. **Participation in NIRF and other recognized rankings**
5. **Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

Response: B. Any 3 of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	[View Document](#)
NIRF report, AAA report and details on follow up actions	[View Document](#)
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)	
Link to Minute of IQAC meetings, hosted on HEI website	[View Document](#)	

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.

Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

Gender Equity and Sensitization in Curricular and Co-curricular Activities:

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 (Hindavi Swarajya; "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. This is the primary reason why we celebrate this day, unlike many other International Days. In India the birthday of the second president SarvepalliRadhakrishnan, 5 September, is celebrated as Teachers' Day since 1962, while GuruPurnima has been traditionally observed as a day to worship teachers/gurus by Hindus . 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 such as gender equality, reproductive rights, and violence and abuse against women. Spurred on by the universal female suffrage movement, IWD originated from labor movements in North America and Europe during the early 20th century. This day holds special importance as our institute boasts a higher number of women faculty compared to male faculty. It serves as a reminder of the significance of gender equality and the empowerment of women.Gandhi Jayanti is an event celebrated in India to mark the birthday of Mahatma Gandhi. It is celebrated annually on 2 October, and is one of the three national holidays of India. The UN General Assembly announced on 15 June 2007 that it adopted a resolution which declared that 2 October will be celebrated as the International Day of Non-Violence as he was a non-violent freedom fighter.Constitution Day also known as "National Law Day" , is celebrated in India on 26 November every year to commemorate the adoption of the Constitution of India. On 26 November 1949, the Constituent Assembly of India adopted to the Constitution of India, and it came into effect on 26 January 1950 International Yoga Day was proposed by Indian Prime Minister Narendra Modi ON June 21st during his address to the United Nations in 2014.Engineer's Day, observed on September 15th every year, commemorates the achievements of Sir MokshagundamVisvesvaraya on his birth anniversary.On

September 3rd, 2005, our institute was established, and we celebrate this day as Foundation Day. Bringing together the management, teaching staff, and non-teaching staff.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

7.1.2

The Institution has facilities and initiatives for

1. **Alternate sources of energy and energy conservation measures**
2. **Management of the various types of degradable and nondegradable waste**
3. **Water conservation**
4. **Green campus initiatives**
5. **Disabled-friendly, barrier free environment**

Response: A. 4 or All of the above

File Description	Document
Policy document on the green campus/plastic free campus.	[View Document](#)
Geo-tagged photographs/videos of the facilities.	[View Document](#)
Circulars and report of activities for the implementation of the initiatives document	[View Document](#)
Bills for the purchase of equipment's for the facilities created under this metric	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.1.3

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. **Green audit / Environment audit**
2. **Energy audit**
3. **Clean and green campus initiatives**
4. **Beyond the campus environmental promotion activities**

Response: A. All of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	[View Document](#)
Policy document on environment and energy usage Certificate from the auditing agency	[View Document](#)
Green audit/environmental audit report from recognized bodies	[View Document](#)
Certificates of the awards received from recognized agency (if any).	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.1.4

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

Inclusive Environment:

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.Pune region is well known for the celebration of Ganesh Chaturthi. It was in this year 1893 that Lokmanya Tilak, an Indian nationalist, social reformer and freedom fighter reformed the annual Ganesh festival, from being a private celebration into a grand public event. As a result our campus is overwhelmed for this joyous occasion, adorned with colorful decorations, The enthusiasm and energy during this festival bring a sense of unity and joy to the entire Siddhant COE community.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.

Sensitization of Students and Employees to the Constitutional Obligations: 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.Furthermore, Siddhant COE actively engages in social causes. One such initiative is the organization of a blood donation camp within the campus. This event plays a vital role in raising awareness about the importance of blood donation for saving lives. Students, teaching staff, and non-teaching staff enthusiastically participate in this noble cause, donating blood to contribute to the well-being of society.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	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

7.2 Best Practices

7.2.1

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

Response:

BEST PRACTICE 01

Title of the Practice: Mentorship Scheme

Objectives of the Practice:

1. To plan personal and career goals of students.
2. To improve presentation skills, written skills, and oral communication skills.
3. To enhance general aptitude test and technical quiz proficiency.
4. To develop leadership qualities.
5. To provide guidance on resume writing and preparations for mock interviews.
6. To establish a vibrant relationship between the faculties and the students that will ensure responsible behaviour and discipline

The Context:

The Mentorship Scheme was implemented in response to the need for holistic development of students in addition to their technical knowledge. The institute recognized the importance of personality development, communication skills, teamwork, leadership qualities, and resume writing for students to succeed in the industry.

The Practice:

Under the mentorship scheme, a teacher (mentor) is assigned a group of approximately twenty students (mentees), with around twenty students from each year. Mentor meetings are conducted once every alternate week, where various activities such as career goal setting, presentation skills development, communication skills improvement, resume writing, and aptitude test preparation are conducted. Mentors also maintain records of their mentees' academic performance, including attendance, results, and co-curricular participation, and communicate this information to the parents.

- Mentoring session is conducted twice in every 15 days
- The session is compulsory for every student to attend without fail. Mentors are assigned 15-20 students for the whole duration of a semester each .i.e. six months.
- The mentoring parameters are based on four aspects i.e. academic, attendance, career and general.
- The mentors are provided with details of mentee's performances in terms of academic (weekly test, class test, and mid-term and end-semester exam) and attendance records.
- The mentor also keeps track of the mentee's personal development such as co-curricular activities, discipline and career related issues.
- The mode of communication between the mentor and mentee can be established through different mode(s) namely- In-person, Phone and E-mail.
- The grievances of the mentees are taken up by the mentor and if necessary it is forwarded to the Principal for necessary remedial actions.
- A separate Mentorship File is been maintained by every Mentor (Faculty) and it contains separate page for every mentee as to maintain its record.

Evidence of Success:

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 which has provided a congenial atmosphere in the class room as well as in the campus.

Problems Encountered and Resources Required:

One challenge faced by the institute was the students' limited exposure to current enhancements due to the rural location of the institute.

The diversity in students' background and upbringing i.e. lack in the art of effective articulation, introversion, indifferent attitude etc. Inadequacy in general guidance, career and professional related materials. This is due to the financial constraints faced by the management because the institution is

dependent on grants.

BEST PRACTICE 02

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, enabling them to continue their education.

The Context:

In many cases, students from economically weaker backgrounds struggle to pay for their education-related costs. This practice recognizes the importance of education and aims to bridge the financial gap for deserving students.

The Practice:

1. The students who fulfil the following criteria may apply for the financial assistance under this Scheme
2. Undergraduate and Postgraduate students of the regular programme of SCOE
3. For the continuation of financial assistance to the students in 2nd, 3rd and 4th year of undergraduate level and 2nd year of postgraduate level.
4. The students will be required to submit their application for continuation of financial assistance in the next year.
5. Grant of assistance will be decided by the scrutiny committee.
6. The student should not have failed in any semester in the previous years of study in SCOE

· Process of Application -

1 The students are required to apply for financial assistance under the scheme in a prescribed format.

Mandatory Document-

- One passport size photograph
- Income declaration-affidavit by each parent.
- Proof of permanent residence.
- Photocopies of Passport, Aadhar and PAN card of parents / guardian and applicant.
- Bank statements for the last 12 months for all the accounts mentioned

2 The forms complete in all respect with supporting documents should be submitted by the student to the Principal

Process of scrutiny and approval-

There will be two levels of scrutiny for the applications:

- The first level committee will be a Scrutiny Committee of three members and will be constituted by the Principal.
- Second Level will include interaction of the student

Recommendations of the Scrutiny Committee shall be put up to the Principal for necessary approval and disbursal.

Evidence of Success:

The success of this practice can be demonstrated through tangible outcomes. In the financial year 2017-18, a total of 69 students benefited from the financial assistance of 1642714 lakh provided by SCOE. . In the financial year 2018-19, a total of 163 students benefited from the financial assistance of 2512859 lakh provided by SCOE.. In the financial year 2020-21, a total of 196 students benefited from the financial assistance of 1619314lakh provided by SCOE.. In the financial year 2021-22, a total of 100 students benefited from the financial assistance of 508072 lakh provided by SCOE.This evidence highlights the impact of the practice in supporting students and enabling them to continue their education despite their financial limitations.

Problems Encountered and Resources Required:

During the implementation of this practice, some challenges may arise, such as the availability of sufficient financial resources to support a larger number of students The expenditure on account of disbursement of financial assistance under this scheme will be met by the respective college from its own funds for which necessary budget provision may be earmarked.

File Description	Document
Best practices as hosted on the Institutional website	View Document
Any other relevant information	View Document

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

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, incorporates a hierarchical framework for educational objectives, into its curriculum. By integrating higher order thinking skills such as analysis, synthesis, and evaluation, Siddhant COE ensures that students develop critical thinking abilities and problem-solving skills. This approach fosters a deeper understanding of the subject matter and prepares students for real-world challenges.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.Progress report of the work completed is evaluated at every stage. Documentation and investigation reports are checked. Parametric analysis of systems using suitable software is done. Optimum process and optimum design is investigated. Finally the draft for technical report is prepared.To bridge the gap between theoretical concepts and practical applications, Siddhant COE organizes industrial visits. It not only enhance students' knowledge but also provide them with valuable insights into industry practices, processes, and technologies.

Siddhant COE, recognizes the significance of practical industry experience in shaping students' careers. To this end, the college facilitates internships with small, medium and large scale industries. Internship provides an excellent opportunity to learner to see understand the conceptual aspects learned in classes and deployed into the practical world.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 main objective is to make the students aware of professional practices, industrial environment and recent advancements in the field of engineering and technology. Internship program offers an opportunity for the students to implement their theoretical knowledge and increases chances of recruitment.T and P Cell comprises of a coordinator from each department. These coordinators are headed by T and P officer of the institute. To achieve above objective, T and P cell visited companies /Industries and more students from all branches were enrolled for various industrial internship programs.As an outcome of this activity, 07 students were placed in the same company where they completed their internship. This activity really helped in increasing total number of students placed.

Few Industry / company where our students were intern are:

1. Info Wellness Pvt.Ltd.
2. Om Heat Treatment Industries.
3. Accurate Sheet Fabricators.
4. Skoda Auto Volkswagen India Pvt. Ltd.
5. 3PS Engineers Pvt. Ltd.
6. Gold Sunrise Engineering Pvt. Ltd.
7. Hyosung T and D India Pvt. Ltd.
8. Mech-Core Industries, Sanvi Engineering Pvt. Ltd.
9. Ak Preci Comp Toolings Ltd.
10. Tata Motors Limited.
11. V and D Engineering Works.
12. Leena Engineering Worksm Indometriks Engineers
13. S.R. Engineering.
14. DBSE Services Pvt. Ltd.
15. Inspired Control Systems Pvt. Ltd.

16. Shree Tools and Stamping
17. Thyssenkrupp Elevator.
18. Vitesco Technologies.

Siddhant COE invites professionals from various sectors to deliver expert lectures. These industry experts share their knowledge, experiences, and insights, providing students with a holistic understanding of the industry landscape. Expert lectures offer students a glimpse into the practical applications of their chosen fields and inspire them to excel in their chosen careers.Siddhant COE encourages industry sponsored projects, wherein students work on real-world problems and challenges identified by industry. These projects enable students to gain exposure to industry practices, collaborate with professionals, and apply their knowledge in practical. Industry-sponsored projects not only enhance students' skills but also increase their employability by providing them with relevant industry experience. Projects and topic are selected on the basis and requirement provided by the industry partners. This list of project topics to be undertaken is displayed on notice board. Also it is discussed with students in classroom. Group of four students are made. As per the interest of students the topic are distributed. The topic or need is converted to problem statement. Objectives are finalised and are limited to three. A through literature review or the problem statement is incorporated. Mathematical model is constituted. Theoretical as well as experimental proof for the desired output are sought off. Comparison of the result obtained is summarised. Lastly the conclusion is made.

1. **Model based learning-**Faculty involves students in designing various conceptual prototype models for understanding of difficult/ challenging systems/concepts. This activity helps in measuring the development of imagination and creativity among students. e.g. Design of Ship model for metacentric height, rolling, pitching, Design of refrigeration cycle, etc. In order to increase student's engagement in learning process, the project based learning was initiated by IQAC. Project based learning helps the students to enhance and maintain the interest and improve their grasping of the concepts.
2. **Project based learning-**This practices also include participative learning, storytelling, real life examples, group discussion, seminar presentations, debates, mini-projects, demonstrations, role play etc.

Siddhant COE is committed to ensuring the successful transition of its students into the professional world. The college maintains strong connections with industry partners, which facilitates excellent placement opportunities for its graduates. Siddhant COE's placement cell actively engages with companies to understand their requirements and match them with the skills and expertise of the students. This proactive approach helps students secure rewarding career opportunities in reputable organizations.Siddhant COE stands out for its distinctive approach to education and its commitment to bridging the gap between academia and industry. Through the integration of hierarchical framework for educational objectives, emphasis on mini projects, industrial visits, internships, expert lectures, industry sponsored projects, and placement opportunities, Siddhant COE ensures that its students are well-prepared to thrive in their chosen fields. By providing a holistic educational experience that combines theoretical knowledge with practical applications, Siddhant COE equips its aspirants with skills, knowledge, and entrepreneurial skills .

File Description	Document
Appropriate web in the Institutional website	[View Document](#)
Any other relevant information	[View Document](#)

5. CONCLUSION

Additional Information :

- Siddhant COE is recognized under Hindi Linguistic Minority Institute.
- Institute has its own Siddhant Samachar Hindi Dainik News Paper published from Pune and Mumbai since 2005. (RNI NO. MAH HIN/2005/15277)
- Hon.President Shri. Rajendrasing Yadav Sir has received Global Excellecnce and Leadership Award for his Outstanding Contribution and Concern towards the Society and Nation at Large from Dubai.UAE.
- Recently, Hon.Vice President Shri. Siddhant Yadav Sir has received Dr.Sarvpalli Radhakrishnan Shikshan Ratna Puraskar.
- In the loveing memories of Late.Sau..Rakhatai Rajendrasingh Yadav Madam,Institute has taken ihe initiative for providing drinking water facility during Jagdguru Shri. Sant Tukaram Maharaj Palki Mohatstav..
- Dr.L.V.Kamble Sir Principal Siddhant CoE has given guidance to all HSC passout students across the county via online media Pimpri Chinchwad Bullitein on topic Skillbased Engineering,Ujwal Bhavitavya.
- Civil Enginering Department has conducted the Audit of Jal-yukta Shivar yojana for the Government of Maharashtra.
- Computer and I.T. Department students have developed the website of local grampanchyat of Sudumbare Village.
- Mechanical Engineering Department Head Dr.P.A.Makasare has conducted Oxygen Cylinder Audit of hosipital in PCMC during COVID 19 as per the order of Collector office,Pune.
- ETC Department,NSS Coordinator Prof. N.S.Kulkarni has been appionted for Pune rural NSS Zonal Coordinator , by SPPU.
- Dr. U.V.Shinde sir has been appointed as an subject expert for Chemistry by SPPU UGC Post Selection Committee.
- Prof. M.U. Inamdar has been granted with study leaves for Ph.D.research work at WIT,Sangali under QIP.
- Siddhant COE, has valued Partners of TCS National Qualifier Test (TCS NQT).
- Siddhant COE, has secured all india rank 473 among 500+ colleges participating in Internshala Annual Rankings for the year 2022.
- Siddhant COE, has helped flood affected region of Kolhapur District in 2019 by providings School Stationary,Computers and Printers.
- Mechanical Engineering Department Head Dr.P.A.Makasare has been appointed as an PhD Thesis research evaluator by JJTU,Junjunu and Kalinga University,Raipur.
- Siddhant COE, has jointly organized ICRTET 2023- International conference by department of E and TC, Computer, IT, Mechanical, Civil Engineering and General Science for UG,PG & Reserch Scholar.
- Prof.R.R.Kulkarni has felicitated by Hon. Executive Director,SGI,Dr. Akhilesh Mishra sir for Best Performance as a NAAC- IQAC coordinator from 2019 to 2022.
- As a developing institute in rural region of Pune ,institute have different amenities like ERP,CCTVs, RO, WiFi facility, ramp for person with disability and lifts.

Concluding Remarks :

As per the motto of the trust **" Dnyanam Sarvarth Sadhanam "** Siddhant COE has always strived to work towards benefit of the society. An outcome based educational institution catering to diverse students with focus on extremities like slow learners and advanced learners culminating into excellent academic results, special efforts on placement of students from all streams, participation and awards to the students in sports and cultural activities, recognition to staff for research work in national and international arena, a congenial and healthy atmosphere for students of both the genders with specific attention on girls, a well drafted welfare policy for both staff and students, an impetus to hidden talents of students.

Siddhant COE has MoUs with industry to develop skills in students and staff as per the industry requirements and make the student industry ready which is helpful in placements. The feedback is key tool which triggers in continuous improvement in quality of education. Feedback is taken from students, parents and alumina.

Siddhant COE strive continuously to impart knowledge and skills of the highest standard limiting the cost of education to attract highly meritorious students . Focus on research grants from government bodies to be developed, Increasing Research and Development activities, create a center of excellence in terms of Quality Education and Placement. Medical facilities are available at Siddhant COE campus and helps to tackle any medical emergency.

The NAAC accreditation has helped the institute to achieve several milestones till date and its re accreditation will further motivate and guide it to scale to new heights and improve continuously in all dimensions to mark itself as a global brand in the academic and research community.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.2.1	**Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)** Answer before DVV Verification : Answer After DVV Verification :23 Remark : Input edited excluding repeat count courses.
1.4.1	*Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website* Answer before DVV Verification : A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website Answer After DVV Verification: C. Feedback collected and analysed Remark : Input edited as document for communication to the relevant bodies is not provided by HEI.
2.4.1	**Percentage of full-time teachers against sanctioned posts during the last five years** 2.4.1.1. **Number of sanctioned posts year wise during the last five years** Answer before DVV Verification: 	2022-23	2021-22	2020-21	2019-20	2018-19
---	---	---	---	---
75	80	86	98	98 | Answer After DVV Verification : | 2022-23	2021-22	2020-21	2019-20	2018-19
---	---	---	---	---
72	77	86	88	98	 Remark : Input edited as per the given documents of sanction post.
2.6.3	**Pass percentage of Students during last five years (excluding backlog students)** 2.6.3.1. **Number of final year students who passed the university examination year wise during the last five years** Answer before DVV Verification: 	2022-23	2021-22	2020-21	2019-20	2018-19
---	---	---	---	---
275	326	263	191	191	 Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
0225	304	230	157	131

2.6.3.2. **Number of final year students who appeared for the university examination year-wise during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
347	351	267	196	206

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
332	329	240	162	157

Remark : Input edited from supporting documents provided for clarification.

3.1.1 *Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)*

3.1.1.1. **Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0.55	0.55

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
00	00	00	00	00

Remark : Input edited as research grant only will be considered.

3.2.2 *Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years*

3.2.2.1. **Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
4	7	5	3	2

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
05	6	5	3	2

Remark : Input edited from supporting documents provided for clarification.

3.3.1	**Number of research papers published per teacher in the Journals notified on UGC care list during the last five years**

3.3.1.1. **Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
24	27	22	8	15

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
03	05	03	01	01

Remark : Input edited as journals notifies on UGC care, science direct, Spinger, ResearchGate, only will be considered. Calendar year publication considered here.

3.4.3	*Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.*

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
19	17	3	10	3

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
10	09	02	08	02

Remark : National festivals, Days celebrations like Yoga Day, Women's Day etc., will not be considered in this metric, Input edited accordingly.

3.5.1	*Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.*

	Answer before DVV Verification : Answer After DVV Verification :22 Remark : MoUs signed by both parties only will be considered, Input edited accordingly.
4.3.2	**Student – Computer ratio (Data for the latest completed academic year)** 4.3.2.1. **Number of computers available for students usage during the latest completed academic year:** Answer before DVV Verification : 423 Answer after DVV Verification: 310 Remark : Input edited as per the bills of computers provided.
4.4.1	*Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)* 4.4.1.1. **Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)** Answer before DVV Verification: _table below_ Answer After DVV Verification : _table below_ Remark : Some of the documents are blur. Input edited as per the expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs).
5.1.2	*Following capacity development and skills enhancement activities are organised for improving students' capability* *1. Soft skills* *2. Language and communication skills* *3. Life skills (Yoga, physical fitness, health and hygiene)* *4. ICT/computing skills* Answer before DVV Verification : A. All of the above Answer After DVV Verification: C. 2 of the above Remark : Input edited from supporting documents provided for clarification.
5.1.4	*The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases*

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
78.20	34.01	66.87	31.69	64.08

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
77.25	34.77	66.87	31.69	64.08

1. **Implementation of guidelines of statutory/regulatory bodies**
2. **Organisation wide awareness and undertakings on policies with zero tolerance**
3. **Mechanisms for submission of online/offline students' grievances**
4. **Timely redressal of the grievances through appropriate committees**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: B. 3 of the above

Remark : Input edited as supporting documents for option 2 are not provided by HEI.

5.2.1 | **Percentage of placement of outgoing students and students progressing to higher education during the last five years**

5.2.1.1. **Number of outgoing students placed and / or progressed to higher education year wise during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
140	134	98	77	77

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
127	127	98	76	77

5.2.1.2. **Number of outgoing students year wise during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
338	329	244	165	158

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
0225	304	230	157	131

Remark : 5.2.1.1- Input edited as per the appointment letter of students for outgoing students placed and id cards/ admission letter/ degree certificates of students progressed to higher education year wise during the last five years provided. Also, without seal and signature offer letter shall not be considered. 5.2.1.2- Only pass students will be considered, input edited with reference to metric 2.6.3.1

5.2.2 | *Percentage of students qualifying in state/national/ international level examinations during the last five years*

5.2.2.1. **Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
4	2	2	3	1

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
4	00	00	00	00

Remark : Without qualification certificate claim will not be considered, input edited accordingly.

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 last five years**

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
4	3	0	1	3

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
04	02	00	01	03

Remark : Input edited as per the given certificates.

5.3.2	**Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)**

5.3.2.1. **Number of sports and cultural programs in which students of the Institution participated year wise during last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
25	28	11	21	23

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
09	10	4	08	09

Remark : Event should not be split into activities, input edited accordingly.

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
13	2	3	3	2

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
10	02	02	02	02

Remark : Multiple financial supports provided to teacher in a year will be considered as one only.

6.3.3	*Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years*

6.3.3.1. Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), *Management Development Programmes (MDPs)* **professional development /administrative training programs during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
87	31	18	55	8

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
15	09	00	08	00

6.3.3.2. Number of non-teaching staff year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
6	4	3	7	3

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
69	69	69	69	69

Remark : 6.3.3.1-Input edited as per the given certificates. 6.3.3.2- Input edited from IIQA and

	SSR
6.5.2	**Quality assurance initiatives of the institution include:** 1. **Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented** 2. **Academic and Administrative Audit (AAA) and follow-up action taken** 3. **Collaborative quality initiatives with other institution(s)** 4. **Participation in NIRF and other recognized rankings** 5. **Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.** Answer before DVV Verification : A. Any 4 or more of the above Answer After DVV Verification: B. Any 3 of the above Remark : Input edited from supporting documents provided for clarification.

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Number of teaching staff / full time teachers during the last five years (Without repeat count):** Answer before DVV Verification : 109 Answer after DVV Verification : 108
1.2	**Number of teaching staff / full time teachers year wise during the last five years** Answer before DVV Verification: 	2022-23	2021-22	2020-21	2019-20	2018-19
---	---	---	---	---
75	80	86	98	98 | Answer After DVV Verification: | 2022-23	2021-22	2020-21	2019-20	2018-19
---	---	---	---	---
72	77	86	88	98	