YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1. Name of the Institution   **CHOUDHARI ATTARSINGH YADAV MEMORIAL TRUST SIDDHANT COLLEGE OF ENGINEERING, SUDUMBARE**

- Name of the Head of the institution   **Prof. UTTAM VILAS SHINDE**

- Designation   **Principal(in-charge)**

- Does the institution function from its own campus?   **Yes**

- Phone no./Alternate phone no.   **02114661901**

- Mobile no   **9850180066**

- Registered e-mail   **siddhant.naac2017@gmail.com**

- Alternate e-mail   **engineeringprincipal@gmail.com**

- Address   **A/P-SUDUMBRE, CHAKAN-TALEGAON ROAD,TALUKA MAVAL**

- City/Town   **Pune**

- State/UT   **Maharashtra**

- Pin Code   **412109**

2. Institutional status

- Affiliated /Constituent   **Affiliated**

- Type of Institution   **Co-education**

- Location   **Rural**

- Financial Status **Self-financing**

- Name of the Affiliating University **Savitribai Phule Pune University,Pune**

- Name of the IQAC Coordinator **Mr. RAHUL RATNAKAR KULKARNI**

- Phone No. **02114661901**

- Alternate phone No. **02114661901**

- Mobile **9762999729**

- IQAC e-mail address **siddhant.iqac@gmail.com**

- Alternate Email address **siddhant.naac2017@gmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year) https://www.siddhantcoe.in/pdf/criteria/part/AQAR-2019-2020.pdf

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

- if yes, whether it is uploaded in the Institutional website Web link: https://www.siddhantcoe.in/pdf/criteria/part/Academic-Calender-A.Y.-2020-21.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B**	**2.40**	**2018**	**26/09/2018**	**25/09/2023**

6.Date of Establishment of IQAC **11/05/2017**

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	**Nil**	**Nil**	**Nil**	**Nil**

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

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

9.No. of IQAC meetings held during the year   **4**

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

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

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

- If yes, mention the amount

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

• Student Feedback System-Department & Institute by online mode. • Live Feedback of Classroom Teaching during online lecture. • Preparation of Research Work by online mode • Mentor-Mentee Scheme by online mode • E content Activities for the Students • Training and Placement Activity guidance by online mode

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

Plan of Action	Achievements/Outcomes
Focus on improving Industry Institute Interaction by using online mode.	MOUs has been increased.
Online IQAC Meetings have been Scheduled.	04(Four) Online IQAC Meeting has been conducted in a year 2020_21.
Internal IQAC audit is initiated in each department with NAAC guidelines.	Internal IQAC audit is carried out in each department with NAAC guidelines.
Review and analysis of Academic Results by using online mode.	The academic results are improved.
To implement feedback System by using online mode.	Feedbacks are taken.
To seek live feedback of classroom teaching by using online mode.	Online teaching learning process has been improved.
Preparation of research file.	Development of research environment and Increase in quality publications.
Mentor-mentee Scheme.	Discussion of difficulties in academic is resolved.
Co-curricular activities for the Students.	Motivation and Personality development of the student.

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

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Part A

Data of the Institution

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• Name of the Head of the institution	Prof. UTTAM VILAS SHINDE
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• Registered e-mail	siddhant.naac2017@gmail.com
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• Address	A/P-SUDUMBRE, CHAKAN-TALEGAON ROAD,TALUKA MAVAL
• City/Town	Pune
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• Pin Code	412109
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• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural
• Financial Status	Self-financing
• Name of the Affiliating University	Savitribai Phule Pune University,Pune

• Name of the IQAC Coordinator	**Mr. RAHUL RATNAKAR KULKARNI**
• Phone No.	**02114661901**
• Alternate phone No.	**02114661901**
• Mobile	**9762999729**
• IQAC e-mail address	**siddhant.iqac@gmail.com**
• Alternate Email address	**siddhant.naac2017@gmail.com**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.siddhantcoe.in/pdf/criteria/part/AQAR-2019-2020.pdf
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• if yes, whether it is uploaded in the Institutional website Web link:	https://www.siddhantcoe.in/pdf/criteria/part/Academic-Calender-A.Y.-2020-21.pdf

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• Were the minutes of IQAC meeting(s)	**Yes**

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

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Year	Date of Submission
Yes 2020-2021	18/02/2022

15.Multidisciplinary / interdisciplinary

| |
| |

16.Academic bank of credits (ABC):

| |
| |

17.Skill development:

| |
| |

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

| |
| |

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

| |
| |

20.Distance education/online education:

| |
| |

Extended Profile

1.Programme

| 1.1 Number of courses offered by the institution across all programs during the year | **579** |

File Description	Documents
Data Template	[View File](#)

2.Student

| 2.1 Number of students during the year | **1055** |

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

| 2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year | **322** |

File Description	Documents
Data Template	[View File](#)

2.3 Number of outgoing/ final year students during the year	**233**

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1 Number of full time teachers during the year	**93**

File Description	Documents
Data Template	No File Uploaded

3.2 Number of sanctioned posts during the year	**120**

File Description	Documents
Data Template	[View File](#)

4.Institution

4.1 Total number of Classrooms and Seminar halls	**27**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**1,63,88,070.56 /-**
4.3 Total number of computers on campus for academic purposes	**649**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

At the start of the Academic year, the calendar is prepared by the committee and the teachers prepare the teaching plan. This plan is verified by the HOD. There is sufficient flexibility to adopt the changes. The college ensures effective curriculum delivery through its consistent efforts. The teachers prepare their individual Academic and Teaching plan in tune with the Academic calendar. The college teachers follow the teaching plan in the schedule of their working hours. The student evaluation is carried out periodically with tutorials / class tests / examinations conduction so to assess the subject understanding. The examination results are reviewed and the weaker students are taught again and consulted for their benefits. Teachers take best of their efforts to ensure quality and academic enhancement. Regular compliance of the curriculum is verified by the HOD for the review. The compliance of the curriculum is communicated to the Principal at the end of term and year the performance of the students is verified by examination with feedback. Practical, theoretical and oral examinations. Due to Covid-19 pandemic, The SPPU has changed the pattern of examination as both objective as well as subjective and the guideline are is followed with complete transparency.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://www.siddhantcoe.in/pdf/criteria/1/Metric-No.1.1.1.pdf

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

At the start of the academic year, the Institution prepares and publishes Academic calendar with information regarding the teaching-learning schedule, events to be organized, holidays, internal examination dates, etc. and is published on college website. The student's academic progress is monitored regularly by continuous internal evaluation, seminars, project work, and unit test and semester examinations. The internal assessment review is taken by the Principal regularly. The Examination committee is formed at the college level which monitor overall internal assessment. The CEO with his team, send the information to the SPPU about the students. The college prepares seating arrangement

chart, list of invigilators etc with SPPU data. The record of internal assessment is maintained at college level. Every department has to submit the compliance of the academic calendar as part of their annual submissions. In addition the internal audit conducted which ensures the compliance. The process is as follows: Teacher: The teacher plans the teaching and evaluation schedule of assigned subject. HOD: The HOD compiles the academic plan submitted by the teachers to avoid overlapping of the activities then the Academic calendar is forwarded to the IQAC. IQAC: The cell compiles the inputs received from the all departments.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://www.siddhantcoe.in/pdf/criteria/1/Metric-No.1.1.2.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University	B. Any 3 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

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

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

0

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

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

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

0

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

0

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

The diverse programs offered in the instution have assimilated the cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum. The curriculum designed by the SPPU includes many of

these aspects, such as the courses namely, Audit Course: Environmental Studies-I and Environmental Studies-II. Professional Ethics involved in the fifth Semester of Computer Engineering.

Gender Sensitivity:

The Gender Sensitivity and Gender Sensitization is accomplished through Woman Grievance Cell. The Knowledge of "Sexual Abuse", "Domestic Violence", and "Hygiene and General Health" is organized.

Environmental Sustainability

In addressing this issue, course namely Environmental Studies-I and Environmental Studies-II is offered as an audit course component with grades for all learners of the First year Engineering.

Human Values:

Human behavior depends on the characters defining the identity, choosing the values and establishing the beliefs. Honesty, caring, kindness, courage, sharing, time management, co-operation are the keys of Human Values. Our institute ensures student should not give reaction to situation rather he/she should find way positively.

Professional Ethics:

The set of standards adopted by professionals is called as Professional ethics. These qualities are imparted in to the students and they in turn become valuable assets of the society.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

5

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

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

221

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	C. Any 2 of the above

File Description	Documents
URL for stakeholder feedback report	https://www.siddhantcoe.in/pdf/criteria/1/Metric-No.1.4.1.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	View File

1.4.2 - Feedback process of the Institution may be classified as follows	C. Feedback collected and analyzed

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://www.siddhantcoe.in/pdf/criteria/1/Metric-No.1.4.2.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

1055

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

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

324

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

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

In SCOE Sudumbare, Principal along with all department head of the institute prepares road map and activities for students which include seminars, guest lecturers, aptitude and interview preparation activity. For advance students several Software Courses and Technical competition, Group Discussions, Quiz, and Case study etc. were conducted at department and institute level to enrich their independent learning communication skills, behavioral aspects.

For slow learner, Remedial classes were organized and special assignments were given to the students. Special Mentors are assigned to shape an individual's beliefs and values in a positive way. Mentorship in student development includes improving communication, interpersonal relationship, technical, verbal, motor and leadership skills along with creative thinking and motivating students. Parents are also well informed about various aspects of development of their ward.

Mentoring system implemented at SCOE Sudumbare, has helped to address the issues and concerns of students on their daily working life and finds solutions that work for them.

File Description	Documents
Paste link for additional information	https://www.siddhantcoe.in/pdf/criteria/2/Meric-No.2.2.1.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
1055	93

File Description	Documents
Any additional information	[View File](#)

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

SCOE believes in the adoption of students centric methods to enhance student involvement as a part of participative learning and problem solving methodology. Specifically the student's centric methodology include: Experiential Learning, Role Plays, Team works, Debates and case studies. Research activities are conducted in each department under the guidance of senior faculty where the students of different semester get knowledge about emerging area and help them to promote in Research aptitude. All Departments organize student's activities to promote the spirit of Teamwork.

Practical and workshops in all individual and group work under the guidance of teachers are also conducted. The activities and Camp of NSS, institutional social responsibility through Red Cross, Village Adoption, Tree plantation. Swatch Bharat and Health awareness camp to help the student's to learn art of living in a team for Social and community welfare. Debates are followed in many of the subjects where students are required to come with different opinions, thought processes thus the learning process gets justified in the argue mental way of learning. Case study method is adopted in teaching learning process to make the students have logical thinking and practical knowledge to develop problem solving ability.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	https://www.siddhantcoe.in/pdf/criteria/2/Meric-No.2.3.1.pdf

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

In the institute, the classrooms and labs are ICT enabled with projectors installed and the campus is enabled with high speed Wi-Fi connection. The faculty at SCOE uses various ICT enabled tools

to enhance the quality of teaching learning. Virtual labs are used to conduct labs through simulations. Google classroom is used to manage and post course related information-learning material, quizzes, lab submissions and evaluations, assignments, etc. The PPTs are enabled with animations and simulations to improve the effectiveness of the teaching-learning process. The online learning environments are designed to train students in open problem-solving activity. Online drawing tools like concept maps, mind maps, are used to perform student centric activities. Lab manuals are shard to students well in advance the experiment is performed. Online quizzes and polls are regularly conducted to record the feedback of the students. In the pandemic duration there are many online tools are used for conduction of lecture like-Google meet, Techmint and Microsoft team.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

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

2.3.3.1 - Number of mentors

93

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

93

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

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

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

5

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

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

2.4.3.1 - Total experience of full-time teachers

13

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

Institute closely follows all the reforms introduced by SPPU. The SPPU envisages the need for reforms in traditional examination and assessment system by evolving a credible, effective and transparent evaluation system that responds confidently to the challenges and newer demands of the society. The syllabus and evaluation scheme are revised by SPPU periodically for global standards and update students to latest trends in technology. Institute made reforms in Continuous Internal Evaluation, according to the reforms made by SPPU. Institute has consistent practice to conduct class tests, assignments, tutorials which are part of formative assessment. Internal assessment system is revived by introducing midterm and end term examination. Term work marks are allotted by maintaining Continuous Assessment Sheet. The Continuous Assessment Sheet maintained by each teacher. Project progress is monitored periodically in both the semesters by departmental committees, specially constituted for this purpose. Mock practical examinations are conducted to give beforehand experience of university practical examination to students. An examination committee is constituted every year to coordinate the internal and external examination activities and communicate to the students, teachers and administrative staff regarding examinations. For effective understanding of subject, the faculty members give class-wise/ course-wise instructions about internal/external evaluation of course.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://www.siddhantcoe.in/pdf/criteria/2/Meric-No.2.5.1.pdf

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

SCOE has transparent and robust evaluation process in terms of frequency and variety. In order to ensure transparency in internal assessment The Principal holds meetings of the faculties and directs them to ensure effective implementation of the evaluation process. At the entry level, admissions are given purely on merit basis and the lists of merit students are displayed on notice board. An examination committee is constituted every year to coordinate the internal and external examination activities and communicate to the students, teachers and administrative staff regarding examinations. For effective understanding of the evaluation process, the faculty members give class-wise/course-

wise instructions about unique features of internal/external evaluation of that course. Unit tests are conducted regularly as per the schedule given in academic calendar. The performance of the students is displayed on the notice board and communicated to the students. For transparent and robust for internal assessment, the following mechanisms are conducted

- Internal Examination Committee.
- Question Paper Setting.
- Conduct of Examination.
- Result display.
- Interaction with students regarding their internal assessment.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://www.siddhantcoe.in/pdf/criteria/2/ Meric-No.2.5.2.pdf

2.6 - Student Performance and Learning Outcomes

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

Structure of Communication:

SCOE adopts Outcome based education rather than input oriented bell shaped curve of learning. The following mechanism is followed by the institution to communicate the learning outcomes to the teachers and students:

- Graduate attributes are described to the first year students at the commencement of the programme.
- Soft Copy of Curriculum and Learning Outcomes of Programmes and Courses are uploaded on the Institution website for reference.
- The importance of the learning outcomes has been communicated to the teachers in every IQAC Meeting and Staff Meeting.
- The students are also communicated about the POs, PSOs and COs through Tutorial Meetings and staff -students interaction.
- Demonstrate of thorough conceptual understanding in the core areas of the subjects with mathematical model.

- **Recognize the relevant idea that arise in everyday life, devise a strategy in order to arrive at the solutions in the respective subjects and are made to understand the connection between key concepts and applications.**
- **Use software tools and coding at a level necessary to perform mathematical operations and simulations in solving complex problems.**
- **Use basic ICT tool, laboratory equipment correctly and effectively in order to conduct measurements, analyze and interpret the results, foe effective understanding of concepts.**

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.siddhantcoe.in/pdf/criteria/2/Meric-No.2.6.1.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

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

The Outcomes of Course are measured through syllabus, completion of syllabus, continuous internal evaluation result analysis. All the HOD's and the teachers who are engaged in class, completes the courses in time and extra classes are conducted if needed. The 75 % attendance of students is mandatory to qualify for writing the examination of the courses is adhered to. In the SCOE the complete information of the students is provided to the teacher, to keep apprising about their progress. The continuous evaluation is done through tests, written assignments, oral presentations etc.

Achievement of the Programme Specific Outcomes

The Programme Specific Outcomes are measured by taking the aggregate result of all courses in a given programme of an individual student, and then the average performance of all the students in a given program. At the end of each semester. Based on the result published by SPPU, the course outcomes are measured.

Assignments are given at the end of each module to find out the the expected outcome of the given problem.

Two internal tests are conducted per semester.

According to the performance of the student in exams, mapping is carried out with the respective COs for assessing the attainment level.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://www.siddhantcoe.in/pdf/criteria/2/Meric-No.2.6.2.pdf

2.6.3 - Pass percentage of Students during the year

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

233

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://www.siddhantcoe.in/pdf/Mandatory-Disclosure-2021-22.pdf

2.7 - Student Satisfaction Survey

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

https://www.siddhantcoe.in/pdf/criteria/2/Meric-No.2.7.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0

File Description	Documents
Any additional information	[View File](#)
e-copies of the grant award letters for sponsored research projects /endowments	[View File](#)
List of endowments / projects with details of grants(Data Template)	[View File](#)

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

3.1.2.1 - Number of teachers recognized as research guides

6

File Description	Documents
Any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

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

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

0

File Description	Documents
List of research projects and funding details (Data Template)	[View File](#)
Any additional information	[View File](#)
Supporting document from Funding Agency	[View File](#)
Paste link to funding agency website	https://www.siddhantcoe.in/index.html

3.2 - Innovation Ecosystem

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

The measures taken by the institution to facilitate smooth

progress and implementation of research schemes/ projects.Institute has research committee which gives recommendations, decides policy and also looks into financial aspect.Research committee comprises of Principal, Professors and all HODs. Principal Investigator (PI) has complete autonomy for successful completion of Research Project. PI decides research topics. Research Associates assist PI to implement the Research Project. Adequate Infrastructure is made available to PI. Laboratories with computing and internet facilities,Library are made available. All have access to theinformation infrastructurein the college-Institute has 24X7 dedicated Internet Leased Line &distributed amongst entire campus wide optical fiber cable,Institute has state of the art servers,Central Library with reference books, titles, volumes, print National & International Journals, NPTEL videos.Interactions of students and faculties with eminent researchers help them to be focused,Expert talks always instill a strong desire to pursue research,Institute invites eminent researchers, industry experts. Various workshops and conferences are regularly organized, students and faculty members are encouraged to visit the industries, research organizations.Institute organizes various workshops/conferences/seminar programs ,Prof. R R Kulkarni conducted seminars on IPR,Ms. Nanda Kulkarni successfully registered for patent.The financial provisions made available to support student research projects by institute.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.siddhantcoe.in/pdf/criteria/3/Metric%20No.3.2.1.pdf

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

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

0

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

8

File Description	Documents
URL to the research page on HEI website	https://www.siddhantcoe.in/pdf/criteria/3/Metric%20No.3.2.1.pdf
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

14

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

1

File Description	Documents
Any additional information	[View File](#)
List books and chapters edited volumes/ books published (Data Template)	[View File](#)

3.4 - Extension Activities

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

The SCOE, has organized Road safety Drive under ROAD SURKSHA JEEVAN RAKSHA Programme in the month of February 2021. Thepurpose of this programme was to create awareness among the students regarding Road Safety. Degree and Diploma Studentsalong with the faculty members had participated in this activity. Road Safety Drive,guided the people in the college campus and nearby area.Refreshment of tea and biscuit is given.Principal delivered the speech telling us the importance of Road safety.

The SCOE has organized Tree Plantation Drive under TREE PLANTATION Programme in the month of July 2020. Thepurpose of this programme was toawareness about tree plantation.Degree and Diploma Students and faculty members had participated. The people in the college campus and nearby area are made to create awareness of Pollution free environment. Studentscreated banners to guide the people in the area.Refreshment of tea and biscuit is give in to all participants.

Thereafter our Principal delivered the speech telling us the importance of Tree Plantation In the end we all took oath of keeping environment neat and clean. It was a unique experience for all participants.

File Description	Documents
Paste link for additional information	https://www.siddhantcoe.in/pdf/criteria/3/Metric-No.3.3.2.pdf
Upload any additional information	[View File](#)

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

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

0

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

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

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

8

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

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

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

200

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

5

File Description	Documents
e-copies of related Document	View File
Any additional information	View File
Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

4

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

SCOE strictly follows all rules and regulations laid down by AICTE/DTE/ S P P University relating to the creation and enhancement of infrastructure and other facilities. The institute has given its main priority to effective teaching learning process. For effective teaching learning process, good infrastructure facilities are required. The institute reviews all the infrastructure facilities like human resources, IT resources, purchase and maintenance of laboratory equipment, library resources, internet facilities, sports and hostel facility, canteen and sanitation facility and power backup facility before the academic session begins. The institute provides optimistic approach to improve the infrastructure in tune with the growing needs of the students and the revised syllabus by the S P P University or in view of additional courses. /S P P University. The policy of the institute for the creation and enhancement of the infrastructure focuses on the following points:

- Preparation and allotment of the required budget for all departments.
- To offer well equipped laboratories and classrooms with proper ventilation, LCD projectors, seminar halls, conference room for effective teaching and learning.
- To offer tutorial rooms for conducting remedial classes and for group discussions.
- To provide new research laboratories for promoting research and development activities.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.siddhantcoe.in/pdf/criteria/4/Metric-No.4.1.1.pdf

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

For overall development of the students, the institute encourages the students to participate in various sports/ tournaments at SPPU

level and state level, cultural activities, NSS etc.

- **Sports:** To nurture the talents of students a number of sports activities are conducted to shape their personality, health and fitness. The institute provides facilities for both indoor and outdoor games. Playgrounds for cricket and football, established in 2008. Basketball, court having area of 19 x 32 mtr established in 2010; volleyball court with area of 9 x 18 mtrs and kabaddi ground with an area of 10 x 13 mtrs.
- **Cultural activities:** To bring out the hidden talents of the students with exposure in interpersonal skills, team spirit, the students participate in Annual event "Kshitij, actively in competitions like singing, dancing, fashion show etc. Besides these, the students are also encouraged to participate and have won several prizes in state level cultural events.
- **Yoga & center Gymnasium:** SCOE has a yoga center named "Vatika" established in 2016 with area of 132sqr.mtr.and can be accessed by all the students, faculties: also institute has a gymnasium equipped with all the standard equipment with an area of 500 sq. ft. established in 2009.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.siddhantcoe.in/pdf/criteria/4/Metric-No.4.1.2.pdf

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

24

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.siddhantcoe.in/pdf/criteria/4/Metric-No.4.1.3.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

1,17,16,913 /-

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

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

Name of ILMS Software

AutoLib NG Library Management Software

Nature of Automation

Fully

Version

NG – Newly Upgrade Version

Year of Automation

`Since 2018`

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional Information	https://www.siddhantcoe.in/pdf/criteria/4/ Metric-No.4.2.1.pdf

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

File Description	Documents
Upload any additional information	[View File](#)
Details of subscriptions like e- journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	[View File](#)

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

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

`18,35,389/-`

File Description	Documents
Any additional information	[View File](#)
Audited statements of accounts	[View File](#)
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	[View File](#)

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

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

`14`

File Description	Documents
Any additional information	[View File](#)
Details of library usage by teachers and students	[View File](#)

4.3 - IT Infrastructure

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

The requirement of computing facilities available as per the AICTE norms.

IT infrastructure and configuration details of PC available in the institute.

- Number of computers with configuration: 649 Nos. with configuration 3220, i3 HCL desktop infinity LA380 core I3 3220, 8GB RAM 500GB HDD, DOS, 18.5" TFT Monitor. These PCs are distributed across the institute in the various departments. Stand-alone facility available in our institute.
- LAN facility as well as Wi-Fi facility is available in our Institute.
- Licensed software's: Number of system software- Windows-7.
- Open Source S/w- Linux, Fedora 19/20 or equivalent 64 bits Ubntoo-64 bits)
- Application Software: 15 (Rational Rose, Oracle, Matlab, LISP work, M/S academic allices and etc.)
- Number of nodes /computers with Internet facility-450 nodes.
- Quick heal antivirus: Quick Heal Admin Console internet security to quick heal Endpoint Security Business and MACAFEE for computer security on each PC.
- D-link wireless router access point: D-link Wi-Fi router (8,16 Port)
- NETGEAR wireless router: N150 Wi-Fi DSL Modem Router.
- Web Cam: C310 Logitech (HD webcam 5MP)
- Internet wireless facility lease line from Reliance Ltd (50Mbps): Internet connection available for entire institute.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.siddhantcoe.in/index.html

4.3.2 - Number of Computers

500

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution	A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

46,71,157.56/-

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

There are established systems and procedures for maintaining and utilizing physical, academic and support facilities such as laboratory, sports complex, computer, classroom etc in the institute.

1. Laboratories (All Labs and Computer center): Each laboratory has one teacher as lab in charge, one lab Assistant and attendant. Lab in-charge is responsible to maintain and upgrade the laboratory with necessary equipment from time to time to cope with change in the syllabus.

2. Library: Librarian with supporting staff has been appointed to maintain central library. They focus on the availability and utilization of instructional material in teaching and learning process.

3. Sport complex/ground/equipment: Physical Director of the institute looks after the sports facilities and the activities.

4. Classrooms: Classrooms are allocated to all departments along with necessary ICT tools. The classrooms are utilized as per the timetable of the department.

5. IT facilities: All departments in the institute are having PCs, essential software and peripherals. The laboratory technicians and system administrator maintain the IT facilities in the institute.

6. Electrical, drinking water etc.: Institute has employed technicians (electrician and plumber) for up keeping and maintenance of electrical and water drinking facility.

7. CCTV, Security etc: To maintain internet connectivity and CCTV security system, network and system administration team is appointed.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.siddhantcoe.in/pdf/criteria/4/Metric-No.4.4.2.pdf

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

299

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

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

241

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

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

File Description	Documents
Link to Institutional website	https://www.siddhantcoe.in/pdf/criteria/5/Metric-No.5.1.3.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

323

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

323

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	D. Any 1 of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

37

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
Details of student placement during the year (Data Template)	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

2

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

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

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

1

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

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

0

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

Following activities were conducted during A.Y. 2020-2021 by the institution (online or offline due to covid19 pandemic)1. National Service Scheme (NSS) helps the student to grow individually and

also as a group. It makes the student confident, develop leadership skills, and gain knowledge about different people from different walks of life. Activities under this scheme, Blood donation, Campus cleaning, Celebration of important days, Orientation camps, Participation of students in various seminars conducted all over the state, Various cultural activities which develops students personality, Raising of funds for various altruistic activities.

2. Yoga Day- Making people aware of physical and mental illnesses through yoga. It also aims to develop a habit of meditation for peace of mind, self-awareness which is necessary to survive in a stress-free environment.

3. Sports and cultural event- Many committees were assigned for different sports and culture activities as per their interest and students have made all events grand success. The other activities conducted were: Personality development for students, Health awareness program, Self-defense program, Disaster management.

4. Workshop: - On 1st March 2021, In SCOE, E&TC Department has organized a workshop on "To boost Immunity power in Covid Pandemic" in association IQAC by Yoga-guru Ms. Ashwini Bade.

File Description	Documents
Paste link for additional information	https://www.siddhantcoe.in/pdf/criteria/5/Metric-No.5.3.2.pdf
Upload any additional information	View File

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

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

0

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

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

The alumni association of Siddhant college of Engineering (SCOE) is actively working. Number 1840/2017/PUNE, Registration BOOK No.: F50254/P The ALUMNI Association is registered with office of the Pune Bhibhag PUNE registration act, 1860. Dated: 04042018 Pune, Maharashtra. When alumni are visiting institute they like to share their professional life experience with the current students they try to deliver valuable information regarding to the competitive exams, career guidance, preparation for aptitude tests, resume preparation, guidance for higher studies in India as well as abroad. Alumni cell always tries to make a contact of current students with the alumni by organizing many events and activities under alumni association. It helps to bridge the gap between current students and alumni. Alumni's are invited as an evaluator for final year student project competitions. All the alumni are enthusiastic and eager to contribute in every possible way, they can and it shows their close attachment with college and their juniors.

Due to COVID 19 pandemic situation it's not possible to arrange Alumni meet during academic year 2020-2021 in offline mode thus institute arrange it at online mode to get touch in with alumni.

File Description	Documents
Paste link for additional information	https://www.siddhantcoe.in/pdf/criteria/5/Metric-No.5.4.1.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	D. 1 Lakhs - 3Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision-To be an internationally acknowledged and networked Institution in delivering globally competitive business education and research for individuals, corporate bodies, government organizations and society.

Mission-To globally strengthen, sustain and professionalize, business knowledge through creative research and teaching, highlighting the significance of learning, and by collaborating with organizations, institutions and universities both within India and beyond the national boundaries.The academic programme structure and courses are developed and updated keeping in mind the evolving economy, the needs of the corporate sector and of society.The policies and priorities of the Indian government are kept in mind while developing focus areas for the future.SCOE's mission is to globally strengthen, sustain and professionalize the business knowledge through creative research and teaching, highlighting the significance of learning and by collaborating with organizations, institutions and universities both within India and well beyond the national boundaries.The Institute has adopted a number of new initiatives and practices through imaginative leadership and effective governance. The IQAC works with different divisions to find areas of improvement and also to document and suggest new changes and improvements for quality enhancement.Feedback from students, reporting authorities and

industry,Discipline group reviews,Review and approval in Senior Faculty Meetings,Review and approval by Principal/ Registrar/Director.

File Description	Documents
Paste link for additional information	https://www.siddhantcoe.in/pdf/criteria/6/ Metric-No.6.1.1.pdf
Upload any additional information	View File

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

The effective leadership is reflected in various institutional practices of decentralization and participative management. Principal being Head of the institution plays a crucial role in managing the administrative as well as academic activities of SCOE. The guidelines of Government/UGC are implemented scrupulously. As a head of the institution the leadership functions are well defined: Principal is also acting as Chairman of various Committees.

- **The Academic Council; principal academic body adhering to the provisions of the Memorandum of Association is responsible for the maintenance of all crucial activities of the Institute where Principal is the Chairman. Faculty representative also form part of this council. The Academic Council is the principal academic body maintains standards of teaching, training, examinations within the Institute. Finance Committee is headed by the Principal. The annual accounts and financial estimates, fixing the limits of total recurring expenditure and total non-recurring expenditure the finance committee is playing a crucial role.**
- **The curriculum of all courses is revisited regularly for improvement in order to keep pace with other institutions and to meet the changing requirements of the students corporate.**
- **Principal, Head of Departments meets students regularly and take their views which are duly considered for implementation.**

File Description	Documents
Paste link for additional information	https://www.siddhantcoe.in/pdf/criteria/6/Metric-No.6.1.2.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Student Admission Support link:-

https://bit.ly/3F4iTdK

Admission link is used to give the details of the students who are interested for the admission and they will get details of the college. It is useful for them to check the college details. Admission of the students is done through a central process conducted by a state government body (Directorate of Technical Education) where students choose an institute as per their choice. The institute maintains this repute by adopting following strategies-

- **Maintaining good results in University examinations by means of quality trends in teaching learning.**
- **Providing quality infrastructure and facilities.**
- **Maintaining good training and placement records.**
- **Maintaining Ragging-free environment.**
- **Institute has maintained lush green picturesque campus that easily attracts student community.**
- **Ample hostel facility for girls and boys is provided on the campus.**
- **Various sports facilities are available to students with grounds for football, cricket, basketball, athletic track, gymnasium, etc.**
- **The institute conducts admission process awareness program, counseling sessions for prospective students.**

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.siddhantcoe.in/pdf/criteria/6/Metric-No.6.2.1.pdf
Upload any additional information	View File

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

System for Examination and Evaluation:-

- **Two internal unit tests are conducted per semester. A preliminary examination is conducted at the end of semester. Improvement tests are also conducted after result analysis for poor performers.**
- **E-Exam portal is used for addressing mock practice of online examinations.**
- **Remedial classes are conducted for slow learners.**
- **Standard question banks and model answers are prepared by the faculty members and distributed to the students.**
- **Timely assessment of tests is done and the result is displayed.**
- **Term work evaluation is done on continuous basis. Students are made aware of their term work performance on early basis so that they get an opportunity to improve their credentials.**
- **External theory examination and practical/oral examinations are conducted by S P P University schedule and rules.**
- **The Faculty members contribute in the examination work like-setting question paper, being invigilators for theory examination, senior super visors, examiners, answer book evaluator and moderators for the same etc.**

File Description	Documents
Paste link for additional information	https://www.siddhantcoe.in/pdf/criteria/6/Metric-No.6.2.2.pdf
Link to Organogram of the institution webpage	https://www.siddhantcoe.in/pdf/criteria/6/Metric-No.6.2.2.pdf
Upload any additional information	View File

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff.

Annual Performance Appraisal Report (APAR) is another 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 for near future development. 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.

Feedback received from students are further considered and incorporated in decision making process for continuous improvement. The APAR cell appraises and evaluates the staff accordance to which the staff takes on the training for further skill development. The internal promotions of the faculties are as per the standard code of promotion and policies. The institute on regular intervals also trains its supporting staff to make them an informed stakeholder. Administrative staff members are oriented on all the official procedures like noting, drafting and filing etc.

File Description	Documents
Paste link for additional information	https://www.siddhantcoe.in/pdf/criteria/6/Metric-No.6.3.1.pdf
Upload any additional information	View File

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

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

0

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

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

2

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

12

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

A well-defined performance appraisal system exists. Performance appraisal is done annually at the end of each Academic Year.

To evaluate the staff performance, staff feedback and Confidential Reports from HOD is considered. Appreciations and rewards are given to the staff members. For better appraisal the counseling of staff members is carried out time to time. Staff Self appraisal process is followed in the Institution. Self appraisal forms are also filled by each faculty, which are reviewed by HODs/Section In charges and further by the Principal. The performance appraisal is done annually by the end of each academic year. The performance is measured based upon well-defined performance appraisal system giving due weightage for academics, research and consultancy, self-development and self-discipline, contribution towards Student, Department and College development. The performance is communicated through appreciation letter to the staff members having good performance.

The performance is also communicated to staff members having performance below satisfaction.

File Description	Documents
Paste link for additional information	https://www.siddhantcoe.in/pdf/criteria/6/Metric-No.6.3.5.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

The institute has External Audit mechanism. External Audit Report and Audited Financial Statements are generated by college authorities. The auditor of college is M/S Golwalkar Hasbanis, Chartered accountant, partner CA Ruturaj R Patil. Membership numbers-144355 Address- Kolhapur. Necessary compliance is done by the college management. The procedure of External audit is given below:

- 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 annual audit is done by the statutory auditor.

- 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 Head of the institution.

File Description	Documents
Paste link for additional information	https://www.siddhantcoe.in/pdf/criteria/6/Metric-No.6.4.1.pdf
Upload any additional information	View File

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

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

0

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The Institute was set up by the CHOUDHARI ATTARSINGH YADAV MEMORIAL TRUST and for almost two decades the Institute was partially funded by the Maharashtra Government. Currently the Institution is self-financed through the revenue generated from the operational activities except for select Capital Expenditure

for which the Government provide non plan grants. The main sources of revenues are fees received from students, hostel fees, Income from executing research projects conducted by SCOE for various organizations, Income from Management Development programmes and Executive Management programmes. The institute also generates income from its investments. The main expenditures are incurred for running and maintaining the academic programmes of the institute which include Staff salary, General overheads, General maintenance, Library and Database etc. The excess of income over expenditure is built into a corpus as a cushion to take care of the contingencies.

File Description	Documents
Paste link for additional information	https://www.siddhantcoe.in/pdf/criteria/6/Metric-No.6.4.3.pdf
Upload any additional information	View File

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

· Virtual classes for the students: Faculties and staff of the institution have done their best to help maintain academic continuity. Semester via remote instruction is not online learning, a "new normal" is beginning to emerge. Online learning offers teachers an efficient way to deliver lessons to students. Online learning has a number of tools such as videos, PDFs, podcasts, and teachers can use all these tools 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.

· 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.

File Description	Documents
Paste link for additional information	https://www.siddhantcoe.in/pdf/criteria/6/Metric-No.6.5.3.pdf
Upload any additional information	View File

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

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

The academic result of students have been improved, compared to last year (2019 -20).

File Description	Documents
Paste link for additional information	https://www.siddhantcoe.in/pdf/criteria/6/Metric-No.6.5.3.pdf
Upload any additional information	View File

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

File Description	Documents
Paste web link of Annual reports of Institution	https://www.siddhantcoe.in/pdf/criteria/6/Metric-No.6.5.3.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Institution shows gender sensitivity in providing facilities such as:

1. **Safety and Security.**
2. **Counseling.**
3. **Common Room.**

Gender equality means male and female, enjoy the same rights, resources, opportunities and protections. SCOE being a co-education system, has same uniform and buses for girls and boys. College has formed women's counseling committee. Where girls can share their problems with committee members. Committee has total six members including one from girl student and other ladies staff members. Sometime counseling is also done for those students who are experiencing challenges in their studies. SCOE has separate common room for boys and girls. Girl's common room contained with two bed and medical aids. Exterior is under CCTV surveillance. Campus is totally enclosed by 12 feet high brick wall with single entry gate. High level security is appointed at the gate. All are safe, secure and harmonious at the institute. SCOE provides value education to students so they understand their responsibility towards society. Students live like a family at institute and celebrate all festivals together. SCOE has organized rally for several program such as women empowerment, save girl child, health care, women's day celebration etc. Institute encourages girl's students to participate in sports activity.

File Description	Documents
Annual gender sensitization action plan	https://www.siddhantcoe.in/pdf/criteria/7/Metric-No.7.1.1.pdf
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://www.siddhantcoe.in/pdf/criteria/7/Metric-No.7.1.1.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	**B. Any 3 of the above**

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

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

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

Inorganic solid waste is removed by local Gram Panchayat.

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

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

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

B. Any 3 of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	D. Any 1 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	C. Any 2 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	**No File Uploaded**
Any other relevant information	View File

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

SCOE makes serious endeavors to maintain an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, and socioeconomic and other diversities. The efforts are put to make the institute environment inclusive: Professors while taking classes ensure that classroom discussions are at expected level of respectability to all and encouraging all to participate.

In SCOE students are coming from different parts of India with different caste creeds and social identities. The Student Body, acts as a conduit to make the new incoming batch of students to understand and practice full participation of all students without the dominance of any particular group. SCOE considers that classroom homogeneity and participation of all students are useful for effective learning of management lessons.

The senior professors of SCOE take up special interactive sessions for the incoming FE students in initial days of campus life about the values of an inclusive environment, and the role of cross-cultural communications. SCOE invites great personalities of our society to deliver lectures on the importance of tolerance, harmony to sensitize the students about maintaining the same. SCOE promotes gender diversity in the admission policy, and has special attention to admitting female candidates in the degree and diploma Programmes.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

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

SCOE sensitizes the students and the employee of the institution to the constitutional obligations about values, rights, duties and responsibilities of citizens which enables them to conduct as a responsible citizen. The institute organizes about the national identity and symbols. Moreover, these are aimed to familiarize its stakeholders about the Fundamental Duties and Rights.

SCOE celebrates Independence Day, Republic Day, Gandhi Jayanti, Netaji Jayanti, Constitution Day to make the importance of freedom and the glory of Indian freedom struggle. They aim at highlighting the constitutional spirit of liberty, equality, justice and fraternity. Moreover, the institute organises Blood Donation Camps to ensure that precious lives are saved, celebrates women day to mark the achievements of women throughout history. Celebrates World Environment Day to ensure that environmental concern is addressed and also Swachh Bharat Abhiyan to promote the importance of cleanliness.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://www.siddhantcoe.in/pdf/criteria/7/Metric-No.7.1.9.pdf
Any other relevant information	https://www.siddhantcoe.in/pdf/criteria/7/Metric-No.7.1.9.pdf

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to	D. Any 1 of the above

the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized	

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

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

Institution celebrates and organizes various national and international commemorative days, events and festivals to inculcate the spirit and essence of Day among the learners World Tobacco Free Day on 31 May, World Environment Day on 5th June, Teachers Day on 5th September, Engineers Day on 15th September, Constitution Day on 26th November, Alumni Association and Convocation Ceremony in the month of February under the collaborative effort of IQAC in each academic year.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

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

Best Practice 1 -

Title of the Practice: FDP Schemes

Objective:

To enrich the faculty members and to update their domain knowledge.

The Context:

For effective teaching and research engagements, introducing various faculty development schemes.

The Practice:

RDC of SCE promotes and facilitates research undertakings of the faculties and are sponsored by SCOE to attend the national / international conferences, various monetary incentives are in place for quality research.

Evidence of Success:

Enhancement in the number of faculties registering for Ph.D. programs.

Increase in the number of workshops, seminars attended by the faculty members.

Problems encountered and resources required:

Study leave of faculties perusing Ph.D.

Best Practice 2 -

Title of the Practice: Financial assistance schemes for students.

Objective of the Practice:

To provide the financial support to the meritorious and the needy students.

The Context:

Students, who are economical weaker of paying tuition and other fees are supported to continuing their education.

The Practice:

The students apply for financial assistance they need to submit their academic progress report as well as proof of their family income. Students are shortlisted for providing financial assistance.

Evidence of Success:

For the financial year 2020-21, 241 students are benefited for financial assistance.

File Description	Documents
Best practices in the Institutional website	https://www.siddhantcoe.in/best_practices.html
Any other relevant information	https://www.siddhantcoe.in/best_practices.html

7.3 - Institutional Distinctiveness

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

SCOE is located in Asia's biggest industrial belt and is hub for automobile, mechanical and IT industries. SCOE has scheduled Friday of every week for industry institute interaction. Number of industrial visit, industry based project, expert lecture from industries are outcome of this system. Large industries outsource their part of work. This helps the passed out students to start their own business. SCOE has arranged EDP workshop for the students to make them self-employed. SCOE campus is located in the vicinity of Lonavala. This offers pollution free with calm and quiet environment. SCOE was established on non-cultivated rocky land now it has been converted into lush green campus. Fruit plants attracts the birds creating pleasant environment. Due to plantation water table level has increased and supplies sufficient water. Due to lush green campus the whole surrounding has become very healthy and fresh. Our campus is one of the most beautiful campuses in S P P University.

Nearest railway station is Talegaon at a distance of 12 km from the institute. SCOE has transport facility for all the students and Faculties, in an around Pune city with reasonable rate. SCOE has adequate number of hostels for students and staff.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Following key point action plan has been initiated by the SCOE for the upcoming academic year:-

For Staff-

- To make the curricula more relevant to advances in engineering and industry needs by adding skill-development courses.
- Academic freedom to teachers to determine and prescribe contemporary curriculum and syllabus.
- Respond better faster to the demands of learners market thereby improved placement.
- Project based learning and Experiential Learning.
- State-of-Art Pedagogy in teaching/learning.
- Introduction of English, German, Japanese foreign languages.
- Enhancing industry interaction.

For Students-

- Introduction of new subjects and electives as per the guideline and new syllabus structure of S P P University, industry internship, personality.
- Opportunity for professional development through augmented activities towards research and consultancy.
- Addressing of Sociotechnical Issues through Audit Courses.
- To enhance MOU with premier industries of India and abroad for collaborative research, student-teacher exchange on regular basis.
- To develop Centres of Excellence by identifying the thrust areas of research.
- To establish incubation center.
- Upgrading of the infrastructure and learning resources to keep pace with recent advances.
- To undertake sponsored and funded research projects in major thrust areas.