YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution   St. Peter's College of Engineering and Technology

- Name of the Head of the institution   Dr. M. Chinnapandian

- Designation   Principal

- Does the institution function from its own Yes
  campus?

- Phone no./Alternate phone no.   04426558091

- Mobile no   9444693784

- Registered e-mail   spcet2008@gmail.com

- Alternate e-mail   principal@spcet.ac.in

- Address   College Road, Avadi

- City/Town   Chennai

- State/UT   Tamilnadu

- Pin Code   600054

2.Institutional status

- Affiliated /Constituent   Anna University, Chennai

- Type of Institution   Co-education

- Location   Urban

- Financial Status   **Self-financing**

- Name of the Affiliating University   **Anna University, Chennai**

- Name of the IQAC Coordinator   **Dr. R. Murugan**

- Phone No.   **04426558091**

- Alternate phone No.   **9894493286**

- Mobile   **9444238907**

- IQAC e-mail address   **iqac@spcet.ac.in**

- Alternate Email address   **hodeee@spcet.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year)   https://www.spcet.ac.in/wp-content/uploads/AQAR/AQAR-2020-21.pdf

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

- if yes, whether it is uploaded in the Institutional website Web link: https://www.spcet.ac.in/naac_2/1.1%20Academic%20Calendar.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.01**	**2016**	**05/11/2016**	**04/11/2021**

6.Date of Establishment of IQAC   **01/06/2016**

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   2

- 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)

1.IQAC is constantly evaluating teaching learning process through feedback 2.Strengthening the campus placements to provide job opportunities for the students. 3.IQAC has taken initiative to update ISO standard to ISO:2015 standard. 4.IQAC has taken initiative to make the institution an autonomy one. 5.IQAC has taken initiative to establish recognized research centers.

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
Research Activities	Research proposals were sent to various funding agencies.
Initiatives taken for applying to receive seminar grants and STTP grants.	Departments of CSE,MBA ,Mechanical and ECE applied for receiving grants from various funding agencies.
Staff published papers in national and International conferences	Staff members of all department presented papers in national and international conferences.
Proposal and plan to conduct National Level seminars, Conferences, Workshops, Symposiums, FDP etc.,	National level conference, workshops, seminars, symposiums, FDPs were organized by all the departments in online mode
Increase the number of students pursuing higher studies	Students of All department are pursing higher studies in various Institutions.

13.Whether the AQAR was placed before statutory body?   **Yes**

- Name of the statutory body

Name	Date of meeting(s)
Governing Council	22/04/2022

14.Whether institutional data submitted to AISHE

Part A	
Data of the Institution	
1.Name of the Institution	St. Peter's College of Engineering and Technology
• Name of the Head of the institution	Dr. M. Chinnapandian
• Designation	Principal
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• Mobile no	9444693784
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• Alternate e-mail	principal@spcet.ac.in
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• City/Town	Chennai
• State/UT	Tamilnadu
• Pin Code	600054
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• Type of Institution	Co-education
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• Alternate phone No.	**9894493286**
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• Alternate Email address	**hodeee@spcet.ac.in**
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• if yes, whether it is uploaded in the Institutional website Web link:	**https://www.spcet.ac.in/naac_2/1.1%20Academic%20Calendar.pdf**

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Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
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• Upload latest notification of formation of IQAC	[View File]
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Plan of Action	Achievements/Outcomes
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Initiatives taken for applying to receive seminar grants and STTP grants.	**Departments of CSE,MBA ,Mechanical and ECE applied for receiving grants from various funding agencies.**
Staff published papers in national and International conferences	**Staff members of all department presented papers in national and international conferences.**
Proposal and plan to conduct National Level seminars, Conferences, Workshops, Symposiums, FDP etc.,	**National level conference, workshops, seminars, symposiums, FDPs were organized by all the departments in online mode**
Increase the number of students pursuing higher studies	**Students of All department are pursing higher studies in various Institutions.**

13.Whether the AQAR was placed before statutory body?	**Yes**

- Name of the statutory body

Name	Date of meeting(s)
Governing Council	22/04/2022

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2023	26/12/2022

15.Multidisciplinary / interdisciplinary

SPCET is affiliated to Anna University and it offers various Engineering and Management programs. Anna University recommended Choice Based Credit System (CBCS). Each course in a program has credits, which are classified as; Mathematics, Basic Science, English Communication, Core, Professional Electives, Open Electives, Ethics, Environment, Management and Employment Enhancement Courses. A course on Environmental Studies is included in the curriculum to imbibe the ecoconscious and environmental issues. The institution is anxious in promoting multidisciplinary approach among the student community thereby facilitating the young minds to fathom circadian societal problems.Teaching-learning process diversity includes experiential learning, differentiation learning, blended learning, game-based learning, student-centered learning, online learning. Experiential learning is incorporated through projects, industrial visit, internships and field trip. Teaching pedagogies are practiced in the Institution for better understanding. In open electives, students are permitted to register for a course in another branch of Engineering based on their interest. The converging technology plays a vital role in multidisciplinary/ Interdisciplinary work. Converging technologies are offered through special electives to the students. Inter-departmental, interdisciplinary projects are encouraged in the Institution. Students are encouraged to join the inter-disciplinary research work.

16.Academic bank of credits (ABC):

According to ABC, the credits awarded to students for one program from an Institution may be transferred/ redeemed by another Institution upon students consent. Credit transfer is the key to

successful study mobility. Being an affiliated college to Anna University, SPCET has a limited option for the ABC system. However, students can transfer to other Institutions within the affiliated colleges by transferring their credits. Students are permitted to gain credits from a variety of Higher Educational Institutions (HEIs), registered online courses like SWAYAM and NPTEL and blended courses. Even faculty members are encouraged to do NPTEL and SWAYAM courses the completion of which is considered on par with FDPs. Besides the reference and text books recommended by the University, teachers and students have the liberty to use the online materials for their syllabus.

17.Skill development:

The Institution takes all the efforts for skill development of faculty members and students. To enhance the skills, the Institution conducts specialized skill development programs such as aptitude training, communication training, programming training etc. Life skill programs are also organized in the Institution.Capacity building and soft skills oriented training are offered to the students. Moral skill is instilled among the students by celebrating Republic Day, Independence day, Environmental day, Voter's day, National Integration day etc., along with competition on the respective theme. To encourage students' talents, the institution has NSS, YRC, Fine Arts Club (FAC) and Yoga. Anti-sexual Harassment Cell (POSH) committee organizes "Women's Safety and Hygiene" for girl students and lady faculty members. A tie-up with Infosys through NAAN Mudhavan Scheme (Springboard platform) could expose the students in the broader areas of machine learning, cyber security and full stack. Our institution imparts training to the students on Full stack development and Google cloud, with the support of Virtusa, AI and BI Data Analytics that facilitate them to become industry ready at the time of their graduation.The upskill of the students is enhanced from the current year of first semester through Cambridge English Course, an initiative of Tamil Nadu Government.

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

India is land of cultural diversity. According to the Sapir-Whorf hypothesis in the subject area of linguistics, a person's language has an immense impact on his or her cognitive abilities. Studying in the native language results in higher participation in learning, self-motivation and increased confidence. Learning in a known language improves the quality of education for all learners across all age groups. Furthermore, it is believed that

educating in one's own language can develop the foundation skills of a society like literacy and critical thinking.The institution conducts number of awareness programmes to the students on environment, sustainability, energy conservation, arts, culture and tradition of our country through the clubs such as Tamil Mandram and Fine Arts Club.

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

Outcome Based Education is followed in our institution. It emphasizes a clearly articulated idea of what students are expected to know and be able to do, that is, what skills and knowledge they need to have, when they complete the program. It creates transparency for both sides; the students know what to expect from a course, and the teachers know what to deliver or demonstrate through the course structure. OBE does not specify a specific method of instruction, leaving teachers free to teach their students using any method. Teachers will also be able to recognize diversity among students by using various teaching and assessment techniques during their class. Increased student involvement allows students to feel responsible for their own learning, and they should learn more through this individual learning. This helps students to accomplish the set goals. A potential employer can look at student records to determine what outcomes they have achieved to determine if the potential employee has the necessary skills for the job. The students can also analyze themselves against the job requirement and work on enhancing their skills.

20.Distance education/online education:

SPCET is an affiliated institution that offers only regular programs. It doesn't have the permission to offer distance education/ online education. However, during Covid pandemic, online teaching-learning and evaluation processes have been successfully accomplished through Google Classroom and Zoom platform.

Extended Profile

1.Programme

1.1   **12**

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

File Description	Documents
Data Template	View File

2.Student

2.1 **703**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 **375**

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

File Description	Documents
Data Template	View File

2.3 **189**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 **164**

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 **164**

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**12**

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	**703**

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	**375**

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	**189**

File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full time teachers during the year	**164**

File Description	Documents
Data Template	View File

3.2 Number of sanctioned posts during the year	**164**

File Description	Documents
Data Template	<u>View File</u>

4.Institution

4.1 Total number of Classrooms and Seminar halls	**55**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**113.57**
4.3 Total number of computers on campus for academic purposes	**296**

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

Academic Calendar is prepared in each semester as per the Anna University guidelines which provides details of commencement of classes, assessment test dates, attendance and mark entry dates, commencement of end semester examination, date for theory and practical exams. For each subject faculty prepares a lesson plan giving the content of the syllabus, delivery plan, pedagogy used, proposed dates of completion. Faculty maintain a log book where the topics discussed in the class each day is recorded. If there is any deviation, the reason for the same and the remedial measures are recorded. Quality of teaching-learning process: content delivery, interaction, discussion, examples, applications and usage of modern ICT tools. The role of the faculty member is significant not only with knowledge sharing but also with inspirational engagement of the students through various instructional methods and pedagogical initiatives. Innovative Teaching & Learning methodologies are adopted by the faculty members to create the best learning environment for

students. Teaching and Learning methodologies include traditional (Chalk and talk) and technology enabled methods. Video lecturing is provided by faculty members to explain the real world problem with industrial illustrations, design issues etc. Invited expert lectures are arranged to deliver the content beyond syllabus for knowledge enhancement and value added courses have been organized for bridging the gap between Industry and Academia. Tutorials/ E-learning classes are practiced for participative learning with peer group concepts. Assignments are given to improve the knowledge beyond the syllabus.

File Description	Documents
Upload relevant supporting document	**No File Uploaded**
Link for Additional information	https://www.spcet.ac.in/naac_2/1.1%20Academic%20Calendar.pdf

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

Academic calendar is prepared in each semester as per the Anna University guidelines. Anna University provides details of commencement of data of classes, Assessment test dates, attendance entry dates, Entry of marks, commencement of end semester examination date for theory and practical. Accordingly, the unit test cell and examination cell conduct exams. The Unit Test cell consists of Dean (Academics) as co ordinator and senior faculty as members. Based on Anna University Semester plan, this cell prepares a schedule for conducting Unit tests, Model Exam and Class Committee meetings. This Schedule is circulated to all the departments and is also displayed in the class room notice board for the student's reference. The responsibility of the cell is to make hall arrangements and preparing the list of invigilators for conducting the unit test

File Description	Documents
Upload relevant supporting document	**No File Uploaded**
Link for Additional information	https://www.spcet.ac.in/naac_2/1.1%20Academic%20Calendar.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	A. All 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	No File Uploaded

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

12

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
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)

9

File Description	Documents
Any additional information	**No File Uploaded**
Brochure or any other document relating to Add on /Certificate programs	**No File Uploaded**
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

402

File Description	Documents
Any additional information	**No File Uploaded**
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

Response: The institution follows the syllabus specified by the Anna University, Chennai. The courses which dealwith the issues related to Professional Ethics, Gender, Human Values, Environment and Sustainability areintegrated into the curriculum.Gender Equality: The institution has formed a "Women Grievance Redressal Committee" with one of thesenior woman faculty members as convener and others women as members. This committee provides anexclusive platform for women employees and girl students to discuss their grievances in a common forum.It develops welfare schemes for them and establishes self-esteem and respect for women without any gender bias. It organizes special programs to empower them with their basic rights.Environment & Sustainability: The institution being a green campus, is improving energy efficiency byconserving the natural resources for creating a healthy living and learning environment. The institution has been constructed amidst the lush green trees. The institution has taken the efforts to give awareness on environmental issues and its sustainability to society through extension activities by NSS. The Institution has implemented a rain water harvesting system to recharge ground water by collecting the rainwater from the catchment areas from

the rooftop of buildings through organized trench . Sewage water has been treated and reused for landscaping. All the branches of engineering have subjects focussing on Environmental issues and sustainability in their curriculum.

File Description	Documents
Any additional information	**No File Uploaded**
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	**No File Uploaded**

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

14

File Description	Documents
Any additional information	**No File Uploaded**
Programme / Curriculum/ Syllabus of the courses	**No File Uploaded**
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Institutional Data in Prescribed Format	[View File](#)

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

427

File Description	Documents
Any additional information	**No File Uploaded**
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	A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://www.spcet.ac.in/naac.php
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	https://www.spcet.ac.in/criteria_1/1.%201.4.1%20-%20Website%20Document%20-%20First%20Page%20Final.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

212

File Description	Documents
Any additional information	No File Uploaded
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

193

File Description	Documents
Any additional information	**No File Uploaded**
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

The objective of our institute is to strive for excellence ineducation. The students are admitted from different domicile anddifferent educational scholastic ability. Considering this, weidentify the learning level of the student as slow learnerandadvanced learner. Prior to the beginning of classes, the college conducts induction programme to the freshersthrough whichstudents will be able to engage in their passions, challenge their beliefs, and continue to grow intellectually, socially andemotionally. Principal, Professors, and senior faculty makestudents aware of their goals and objectives, code of conduct,classroom attendance, examination & evaluation system and theamenities available in the college. 1. For slow learners' institute provides: Remedial teaching and bridge courses are conducted with an aim toimprove the academic performance of the slow learners. This practice helps the struggling learners to improve subjectknowledge and helps them to compete with their peers.2. Measures in force for advanced learners: Competent students are encouraged to take up internships atreputed organizations. Students are encouraged to enroll and learnthrough MOOC Programs

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

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

Number of Students	Number of Teachers
753	**162**

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

The institute adopts student centric methods to improve studentinvolvement in problem solving methodology and experimental &participative learning.1.Discussions: Discussions in many of the subjects make thestudents to think wide and enable them to express their opinionsand check their current knowledge. Discussions are held to testtheir proficiency in soft skills, managerial communications, andbusiness adoptions etc. 2.Laboratory experiential learning: From the first year, studentsare exposed to all the laboratories such as physics, chemistry andEnglish. Later from their second year, students attend coredepartment labs which give different levels of exposure.3.Mini projects: To enhance the practical knowledge & innovativeapproach, students are encouraged to carry out Mini projects fromIII year. Personal attention will be paid on each team member.4.Case studies: Theoretical knowledge and extensive practicalknowledge through case studies is obtained by the students insubjects such as Power Systems, Manufacture Engineering &Fabrication Analysis, Professional Ethics & Moral Values, SalesForecast.

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for additional information	https://www.spcet.ac.in/criteria_2/1.%202.3.1%20-%20Website%20Document%20-%20First%20Page%20Final.pdf

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

The students are encouraged to participate in National and International seminars, conferences, symposia and workshops.

Special value added courses and certificate courses are conducted periodically for the benefit of the student community. Special guest lectures by eminent Professors are a regular phenomenon in all departments. An online learning system of National Mission on Education through ICT (NMEICT) called Spoken Tutorial developed by IIT Bombay aids our students in online learning and usage of various open source software. Our students participate in software training workshops and the tests conducted by Spoken tutorialprogramme. SPCET is also an Institutional member of ICT Academy of TamilNadu, ICTACT provides training to faculty members and students in Information and communication Technologies. The teaching methods and strategies adopted by the faculty members include · Multimedia Presentation · Video lectures by NPTEL · EDUSAT of Anna University · Student Presentations, Seminars · Group discussions ·Mini projects · NMEICT Programme by IIT Bombay · Innovative Product development by students SPCET has a central library for both the faculty and students. It is well stacked and stocked with a large number of books, Journals and e-journals.

File Description	Documents
Upload any additional information	**No File Uploaded**
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	**No File Uploaded**

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

2.3.3.1 - Number of mentors

70

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	[View File]()
Circulars pertaining to assigning mentors to mentees	**No File Uploaded**
Mentor/mentee ratio	**No File Uploaded**

2.4 - Teacher Profile and Quality

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

167

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	[View File](#)
Any additional information	**No File Uploaded**
List of the faculty members authenticated by the Head of HEI	**No File Uploaded**

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

19

File Description	Documents
Any additional information	**No File Uploaded**
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

167

File Description	Documents
Any additional information	**No File Uploaded**
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.

The performance of a student in each subject is evaluated through CIA (Continuous Internal Assessments) for 20 marks. During a semester, there shall be three unit tests and one End semester Examination. Each unit test has a weightage of 50 marks and consists of objective questions (10 marks), subjective questions (40 marks) and the Model examination has a weightage of 100 marks with 20 marks of objective questions and 80 marks for subjective questions. The time duration for unit test is 1 hour and 30 minutes and for model examination its 3 hrs. The unit tests are conducted periodically after the completion of 40%, 60% and 80% of the syllabus. The end semester is a full syllabus examination. For the award the Internal marks, the average of the three unit test is 10 marks and Model exam is 10 marks. Provision for revaluation and retest is also incorporated in the Examination system. Revaluation or Re-conduct of a test can be carried out by the approval of the HoD of the concerned.

File Description	Documents
Any additional information	**No File Uploaded**
Link for additional information	**Nil**

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

The university norms relating to course-wise examination pattern are communicated to the students.In this regard, modifications are circulated to the faculty members and administrative staff fromtime to time and are also displayed on the notice boards forstudents.The internal assessment of examinations is the mirror of the success of Teaching. This helps inupgrading the graph of students' academic success. In SPCET, Unit Tests are conducted by the respective subjectteachers after the completion of prescribed topics. Objective type questions and short-notes areasked in Unit Test. Every subject teacher evaluates the answer paper immediately.At the end of assessment of Unit tests, subject teachers suggest required improvement in thewriting. Teachers prepare the record of marks list.Institute notifies evaluation process and related documentation on the notice board as well as oninstitute website. This includes distribution of marks and schedule of internal evaluation anduniversity evaluation.Changes in schedules, patterns, methods if any, are

immediately notified to the students throughnotice boards and also through classroom briefing by the concerned subject teachers.Internal examination schedule is displayed on notice board in advance. Theory subjects are assessed through Practical subjects are assessed through Projects work assessment: The

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

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.

Program Outcomes and Program Specific Outcomes Program Outcomes (POs) represent the knowledge, skills and attitudes the students should have at the end of a four-year engineering program. It describes the learning that will take place across the curriculum through brief statements, made in specific and on measurable terms. PSOs are statements that describe what the graduates of a specific engineering program should be able to do after the successful completion of engineering program. The parameters are based on initial capabilities, competence, skills, etc. keeping in mind the outcomes desired by the concerned profession. POs and PSOs are stated and proliferated for all programs clearly. There are certain parameters known as Graduates Attributes and they vary from discipline to discipline and level to level such as Undergraduate and Postgraduate Programmes. POs for undergraduates are Engineering Knowledge, Problem Analysis, Design/Development of Solutions, Conduct Investigations of Complex Problems, Modern Tool Usage, The Engineer and Society, Environment, Sustainability and Ethics, Individual and Team Work, Communication, Project Management and Finance, and Lifelong Learning. Course Outcomes (COs) Identifying the important things students should learn within your course is the first step in deciding what should be assessed. File

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	https://www.spcet.ac.in/naac_3/2.6.1%20PO%20and%20CO.pdf
Upload COs for all Programmes (exemplars from Glossary)	**No File Uploaded**

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

The attainment of programme outcomes and course outcomes are evaluated by the institution after the Anna University result publication.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	https://www.spcet.ac.in/naac_3/2.6.1%20PO%20and%20CO.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

189

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	**No File Uploaded**
Paste link for the annual report	**Nil**

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.spcet.ac.in/wpcontent/
uploads/2021-2022/StudentSatisfactionSurvey2021-21.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)

15.485lakhs

File Description	Documents
Any additional information	**No File Uploaded**
e-copies of the grant award letters for sponsored research projects /endowments	**No File Uploaded**
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

08

File Description	Documents
Any additional information	**No File Uploaded**
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

04

File Description	Documents
List of research projects and funding details (Data Template)	[View File](#)
Any additional information	**No File Uploaded**
Supporting document from Funding Agency	**No File Uploaded**
Paste link to funding agency website	**Nil**

3.2 - Innovation Ecosystem

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

St. Peter's College of Engineering and Technology has initiated various establishments to strengthen the ecosystem in the campus. The Institution promoted meaningful scientific industrial Research and Development (R&D) activities with a vision and mission to pursue and promote Research and Consultancy in Frontier Technologies with Institutions, Industries, Govt. and NGOsResearch & Development Cell (R&D) The R&D cell was established at SPCET to inculcate research and innovative skills among faculty and students. R&D Cell provides a platform for creativity and innovation to flourish young minds in the Institute. SPCET R&D cell has a nominated committee consisting of Professors from various programs of Engineering. This committee oversees the smooth and efficient coordination of R&D activities in the Institute, thus fostering overall growth. The R&D Cell will meet at least Two times per year. Objectives R&D Cell To create an research ambience in the campus To create awareness on evolving technologies and industrial research. To create awareness about filing Patents & IPR To encourage, coordinate and implement R&D Programs (Workshops/ Seminar/ Trainings) Page 36/86 06-06-2023 02:00:39 Self Study Report of ST. PETER'S COLLEGE OF ENGINEERING AND TECHNOLOGY To identify and inform researchers about the appropriate research opportunities announced by different academic, research, industry or government organizations. To encourage and facilitate the publication of the research work/projects in reputed academic journals and reputed conferences

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://www.spcet.ac.in/criteria_2/1.%202.2.1%20-%20Website%20Document%20-%20First%20Page%20Final.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

9

File Description	Documents
Report of the event	**No File Uploaded**
Any additional information	**No File Uploaded**
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

18

File Description	Documents
URL to the research page on HEI website	**Nil**
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	**No File Uploaded**

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
17

File Description	Documents
Any additional information	**No File Uploaded**
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

File Description	Documents
Any additional information	**No File Uploaded**
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

Response: Our Institution is an active participant in conducting various holistic extension activities to the students and to the nearby adopted villages. In this connection, NSS Unit - SPCET has conducted various health camps, awareness programs on usage of plastic waste, Sapling Plantation and Voting Awareness Rally at Annanur. The NSS Unit created awareness about the greenhouse effect and to safeguard our mother earth. With the intention to reduce the carbon footprint in nearby areas, sapling plantation camps were conducted in the adopted villages (Annanur, Konambedu, Avadi), through this event, the villagers were insisted on the importance of the afforestation. Villagers were very much keen and interested to listen to the set of awareness programs conducted by the institution. Besides, to imbibe the importance of physical and mental fitness in the modern techno-savvy world awareness program was organized on Yoga - A Way of Life on International Yoga Day by NSS to school students. NSS

Unit also conducted various social wellness programs like Road Safety Rally, Sapling distribution to motivate the Annanur villagers. Topics Addressed:

File Description	Documents
Paste link for additional information	https://www.spcet.ac.in/criteria 3/1.%203 .4.1%20-%20Website%20Document%20-%20First %20Page%20Final.pdf
Upload any additional information	**No File Uploaded**

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

4

File Description	Documents
Any additional information	**No File Uploaded**
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	**No File Uploaded**

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

16

File Description	Documents
Reports of the event organized	**No File Uploaded**
Any additional information	**No File Uploaded**
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

152

File Description	Documents
Report of the event	**No File Uploaded**
Any additional information	**No File Uploaded**
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	**No File Uploaded**
Any additional information	**No File Uploaded**
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	**No File Uploaded**
Any additional information	**No File Uploaded**
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.

The college has adequate infrastructure and physical facilitiesfor teaching-learning. The following are the details of existing infrastructure pertaining to the same:Classroom 53Seminar hall 02Auditorium 01

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

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

The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga center etc. The collegehas a campus area of 10.2 acres for conducting all outdoor sports and extra curricular activities . Many Zonal level matches are also conducted here. Maintenace of these indoor and outdoor games equipemtn , grounds are carried out by the maintenance team periodically. For the purchase of any new equipement the physical director submits tge proposal to the

management and based on that the fund is allocated and purhcase is made.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**

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

37

File Description	Documents
Upload any additional information	View File
Paste link for additional information	**Nil**
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)

113.7

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload audited utilization statements	**No File Uploaded**
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)

The college has a centralised library that is a repository of information for all the barnches of Engineering , Technology and Management. It has a good collection of text books, reference books and adequate numbers of magazine and journals. It alsi has a digital library and e-journals. The process of lending the books , calculating the late fees and return is fully automated with the help of AUTOLIB softwre version 5.1. Apart from this every department has a adepartment library with sufficient books that rerefered used by the concerned department staffs and students

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	Nil

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	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<u>View File</u>

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)

5

File Description	Documents
Any additional information	**No File Uploaded**
Audited statements of accounts	**No File Uploaded**
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

2500

File Description	Documents
Any additional information	**No File Uploaded**
Details of library usage by teachers and students	**No File Uploaded**

4.3 - IT Infrastructure

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

Yes, the institution frequently updates its Wi-Fi and IT facilities as per requiremnets of different deaprtments. Different softwares required for teaching different papers by different departments constitute the requirements and are purchased or/and the softwares which require updation are updated so regularly.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

4.3.2 - Number of Computers

440

File Description	Documents
Upload any additional information	**No File Uploaded**
List of Computers	**No File Uploaded**

4.3.3 - Bandwidth of internet connection in the Institution	**D. 10 - 5MBPS**

File Description	Documents
Upload any additional Information	**No File Uploaded**
Details of available bandwidth of internet connection in the Institution	**No File Uploaded**

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)

6738

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts	**No File Uploaded**
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.

The college has adequate infrastructure and physical facilities for teaching- learning. The following are the details of the existing infrastructure Classrooms – 53 Laboratories -51 Seminar Hall-02 Auditoriums – 01 Laboratories: Annual maintenance of existing equipment is carried out by the concerned department. Any new equipment to be added Head of the department proposes the details with quotations for approval by the Principal and

Chairperson of the college. Stock verification is carried out every year by other department faculty members. Library: All the departments put up proposals for additional library facilities, in terms of reference books and text books. The proposals are normally approved by the college. Every department adds new books and new additions. Sports: Sports and games competitions are held every year on Page 34/103 29

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**

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

513

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

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

100

File Description	Documents
Upload any additional information	**No File Uploaded**
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	**Nil**
Any additional information	**No File Uploaded**
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

482

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

492

File Description	Documents
Any additional information	**No File Uploaded**
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

A. All of the above

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

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Details of student grievances including sexual harassment and ragging cases	**No File Uploaded**

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

130

File Description	Documents
Self-attested list of students placed	**No File Uploaded**
Upload any additional information	**No File Uploaded**
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

5

File Description	Documents
Upload supporting data for student/alumni	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of student progression to higher education	<u>View File</u>

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

5

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

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.

1

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

The college does not have formal Student Council. However,students are part of various committees such as Student Symposium Committees Sports Committee, Cultural Committee, National andInternational Conference Committees etc. The Committees are formed as and when the events are organized. Also, students are membersof Antiragging Committee and Library Advisory Committee. Students are members in academic bodies such as Class Committees. Studentrepresentatives play active role in the conduct of programmes organized by NSS, YRC, EDC, HSC and Placement Cell. Studentrepresentation in Student Symposium Committees, Sports Committee, Cultural Committee, National and International ConferenceCommittees, Library Advisory Committee and Editorial Board of College magazine, given ample opportunities for the students toexhibit their talents and improve their leadership qualities

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

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

14

File Description	Documents
Report of the event	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	[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

Institute takes initiative to reunite the Alumni periodically. The institution maintains a smooth network with the Alumni through Emails, Letters, LinkedIn, Facebook, Whatsapp, Twitter and Invitation cards for various programmes in the college and also through personal calls to the Alumni. The Placement Cell takes initiative by contacting the Alumni for placement purpose. They contact the Alumni through telephone or mail regarding the placement opportunities available for the forth coming batches in their organizations. Registration/information forms are given to the Alumni students to fill theirdetails, during the alumni meet so that it would be easy for the Placement Cell to collect their data and also to know their details as to where they are working and to what position they have grown. This would be highly beneficial from the students focus in getting employment opportunities in reputed organizations. The following are activities performed: •Alumni Meet to facilitate relationship. • Alumni recording their suggestions/comments/feedback about the corporate world and the latest trend.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

5.4.2 - Alumni contribution during the year (INR in Lakhs)	**A. ? 5Lakhs**

File Description	Documents
Upload any additional information	No File Uploaded

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

The institution has channeled its governance through Planning andMonitoring Board and Governing Council comprising eminent educationalists and industrialist for the effective implementationof its vision and mission. Once in 6 month, the Planning and Monitoring Board and Governing Council meetings are organized. Theacademic, research, placement and other important activities and events of the college are discussed. All the proceedings of themeetings are recording in the minutes of the meeting report. The vision of the institution isTo emerge as an institution of excellence by providing highquality education in Engineering, Technology and Management to contribute for the economic as well as societal growth ofour nation. The mission of the institutions isTo impart strong fundamental and value-based academicknowledge in various Engineering, Technology and Management disciplines to nurture creativity. To promote innovative Research and Development activitiescollaborating with Industries, R & D organizations and other statutory bodies. To provide conducive learning environment and training so asto empower the students with dynamic skill development for employability. To foster entrepreneurial spirit amongst the students formaking a positive impact on remarkable community development.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

The Principal, Heads of the Departments and various committeesparticipate in decision making which create an

organizational democracy. Powers and responsibilities are delegated to teacherson the basis of their competence, commitment and aptitude to meet the institutional objectives. The top management does notinterfere in these implementations. At the department level, individual faculty members are responsible for implementing theplans at various stages and they will be guided and monitored by the respective Heads of the Departments

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Quality improvement strategies adopted by the institution for each of the following Curriculum Development Teaching and Learning Examination and Evaluation Research and Development Library, ICT and Physical Infrastructure / Instrumentation Human Resource Management Industry Interaction / Collaboration Admission of Students

File Description	Documents
Strategic Plan and deployment documents on the website	**No File Uploaded**
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

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

The governing body (GC) is an integral part which steers the institution towards academic excellence with a holistic approach. The governance of the Institution is reflective of an effective leadership in tune with the vision and mission statements. The established policies in the Institute ensure the integrity and effectiveness of the governance and administration. The Governing Council acts as the authority to review and recommend the resources, viz., space, finance,

infrastructure and human resources. Once in 6 months, the Governing council meets to discuss the performance and requirements of the institution. In the meeting the academic, research, placement and other important activities and events of the college are discussed. Suggestions for improvements, if any are provided by the members. The appointments and resignations of the faculty members are brought to the notice of members and are ratified in the meeting. The vacancies to be filled up in various departments are approved in the meeting. Before submitting an application to AICTE for increase in intake and introduction of new programmes, the need for the same is discussed and a decision is taken. The result analysis of University examinations of various classes is reviewed and the reasons for poor performance, if any are discussed. Development of infrastructural facilities, financial allocation to be considered etc., are discussed in the meeting and the recommendations are given. The reasons for poor admission to any programme are analyzed and suggestions are provided for improving the admissions. Budget proposal for the financial year is considered and approved.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
Upload any additional information	No File Uploaded

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	No File Uploaded
Screen shots of user inter faces	No File Uploaded
Any additional information	No File Uploaded
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

Free transport is provided to all the teaching and non-teachingstaff. One week leave with salary is given for the marriage of all the teaching and non-teaching staff. Employee State Insurance(ESI) scheme is implemented for non-teaching staff. Employee Provident Fund (EPF) scheme is implemented for both teaching andnon-teaching staff members. Majority of eligible staff members have availed the benefit of these schemes.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

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

79

File Description	Documents
Upload any additional information	**No File Uploaded**
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

0

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	**No File Uploaded**
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

208

File Description	Documents
IQAC report summary	**No File Uploaded**
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	**No File Uploaded**
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

A measure to assess faculty is by means of the Annual PerformanceAppraisal Reportsubmitted at the end of every academic cycle. The objective of the APAR is to highlight

faculty member's role andperformance for the past year and it also summarizes the expectations from the faculty for future development. The Head ofthe Department reviews the nature and quality of work faculty performed annually based on the parameters such as knowledge ofsphere of work, analytical ability, initiative taken, ability to inspire and motivate, supervisory ability, inter-personalrelations, and teamwork. Feedback received from students are further considered and incorporated in decision making process forcontinuous improvement. The Report is then forwarded to thePrincipal .

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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 Institution has both internal and external audit done byqualified chartered accountants for every financial year. Last audit was done for the financial year 2021-2022. There is no auditobjections pointed out and hence compliance does not arise. The tuition and other fees paid by the students is the major source ofreceipts for the Institution. The Institution has adequate reserve funds and hence the question of deficit does not arise. Theaudited income and expenditure for the previous three years are enclosed.Institution has a robust Internal control system byconducting regular Internal Audits concurrently.As per the compliance the statutory audits are conducted regularly.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

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

Assessment of all major requirements in terms of infrastructure,laboratory and library facilities are discussed in the meeting held with the Heads of the Departments before the end of everyacademic year. Soon after that, the management prepares a budget for the next academic year with a provision to meet contingenciesand then the actual expenditure incurred is monitored to find out whether the items of expenditure are in accordance with thebudgetary provisions made.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

• IQAC is constantly evaluating Teaching Learning process through feedback. • Strengthening the campus placements to provide job opportunities for the Students. • IQAC has taken initiative to update ISO standard to ISO: 2015 standard. • IQAC has taken initiative to make the Institution an Autonomy one.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

IQAC has initiated formation of mentor-mentee committees. All thedepartments in the college have functional groups where student related problems, carrer counselling, any grievanves are handled.This helps in improving structures and learning outcomes. The mentor mentee groups regularly meet for interactions. Acdemicaudit is regularly veing carried out by IQAC. This again helps in recording the incremental improvement in various academicactivities. Various webinars related to faculty development, overall development of students and their well being are organisedby IQAC. These webinars helps regular updation of knowledge and improve the teaching learning process.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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	**Nil**
Upload e-copies of the accreditations and certifications	**No File Uploaded**
Upload any additional information	**No File Uploaded**
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

The concept of gender equity refers to "fairness of treatment for both women and men, according totheir respective needs. This may include equal treatment in terms of rights, benefits, obligations andopportunities. Gender equity in education means that males and females have equal opportunities in terms of economic, social, cultural, and political developments. Focus on promoting the equalparticipation of women and men in making decisions; reducing enrolment gap between both thegenders. Giving equality in the learning process, educational outcomes and external results andproviding equal benefits for both sexes. If gender equity is exactly achieved, this will contribute tothe development of the future of girls in all sectors on par with boys.Gender sensitization is the process of raising knowledge of gender equality concerns and changingpeople's attitudes and behavior towards other genders. Our Institution is very keen on maintaining workplace balance as well as promoting gender equality among all the students despite their sex.SPCET has organized various programmes every year to encourage and empower the students,teaching and non- teaching fraternities by creating awareness on safety related issues. Actionsundertaken by the Institution include,

File Description	Documents
Annual gender sensitization action plan	**Nil**
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.spcet.ac.in/naac/7.1.1-1-Promotion%20of%20Gender%20Equity.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	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

Different dustbins (green and blue) is identified and setupfor solid and liquid waste disposal, which is then disposed off at identified place for recycle and manure conversion.Hazardous chemicals like concentrated acids and bases are disposed

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	**No File Uploaded**
Geo tagged photographs of the facilities	**No File Uploaded**

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste	**A. Any 4 or all of the above**

water recycling Maintenance of water bodies and distribution system in the campus	

File Description	Documents
Geo tagged photographs / videos of the facilities	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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**	**A. Any 4 or All of the above**

File Description	Documents
Geo tagged photos / videos of the facilities	**No File Uploaded**
Various policy documents / decisions circulated for implementation	**No File Uploaded**
Any other relevant documents	**No File Uploaded**

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	**A. Any 4 or all of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	**No File Uploaded**
Certification by the auditing agency	**No File Uploaded**
Certificates of the awards received	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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	**A. Any 4 or all of the above**

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

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).

classroom discussions are encouraged among the students.students coming from different parts of India with different caste creeds and social identities are identified by themanagement and under the able guidance of the respective department heads help

newincoming batch of students tounderstand and renderfull participation of these students without the dominance of any particular group.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

St. Peter's College of Engineering and Technology sensitizes the students and the employee of the institution to the constitutional obligations about values, rights, duties and responsibilities ofcitizens which enables them to conduct as a responsible citizen. The institution celebrates Independence Day, Republic Day, GandhiJayanti, to markthe importance of freedom and the glory of Indian freedom struggle. They aim at highlighting the constitutionalspirit of liberty, equality, justice and fraternity. It also celebrates women day to mark the achievements of women throughouthistory. World Environment Day is celebrated to ensure that environmental concern is addressed and also Swachh Bharat Abhiyanto promote the importance of cleanliness.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	**Nil**
Any other relevant information	**Nil**

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes	**B. Any 3 of the above**

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	**No File Uploaded**
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

The institution regularly celebrate national and international commemorative days, events, festivals like Republic Day, Independence Day, Saraswatti Puja, Holi, Diwali, International Yoga Day, Christmas, Ramzan , Swachh Bharat Abhiyan Day etc. In addition, various other activities like Covid vaccination drives are conducted for the welfare of students, faculties and employees. A formal communication through email, whatsapp message is made before conducting these events for mass awareness. If required committees are formed in collaboration with faculties, employees and students who can form a team and manage the activities in a smooth way. The respective budget is appropriated for each activity and the bills/vouchers are accounted and audited properly. Students take an energetic part in organising the Independence Day and Republic Day celebrations. On both these days, the national flag is hoisted with full honour and the national anthem is sung by all the attendees. In addition, students celebrate Fresher's Welcome and Farewell party under the guidance and supervision of faculty and staff. Due to the covid pandemic, these activities are being held following the SoP. However, still, efforts have been made to conduct various important events either through skeletal staff or on virtual mode. St. Peter's College of Engineering and Technology takes pride in organising all the important national events irrespective of any bias towards caste, creed or religion.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	**No File Uploaded**
Geo tagged photographs of some of the events	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.2 - Best Practices

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

Objectives of the practice: Assessment of students' understanding of concept on daily basis Improve the students' attention and doubt clarification during the lecture hour The context: The continuous reading habits among the students have reduced. The students have the habit of reading the subjects only before the examinations. This has hampered the performance in the exams. Due to discontinuity in the regular practice, many students have lost interest in engineering. Faculty members were unable to predict the level of understanding of the knowledge delivered to them. The slip test is a method of daily evaluation of students to help the faculty members to understand the average understanding of the lecture delivered. This self evaluation on a daily basis enabled the students to know his gray area of understanding and suitable remedial measures could be taken.

File Description	Documents
Best practices in the Institutional website	https://www.spcet.ac.in/criteria 7/1.%207.2.1%20-%20Website%20Document%20-%20First%20Page%20Final.pdf
Any other relevant information	**Nil**

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

The continuous assessment system followed by this institute

isvery much distinctive. Methods followed for assessment system includes Slip tests, Unit tests, Model exams, assignments andretests. The slip test will be conducted at the end each of period for about 10 minutes. This slip tests will improve the studentslistening capacity. Unit tests will be conducted after the completion of each units and conducted on every Monday andSaturday for two hours.Finally, the model exam will be conducted for the entire syllabus for every subject. If the students'performance is not satisfactory in the unit tests/model exams conducted, then they will be provided opportunity to improve theperformance by conducting retest with additional coaching. A thorough analysis has been carried out and the feedback iscollected for betterment.Based on the feedback, necessary changes are made. The above process is being carried out under theguidance of the Principal and coordinated by the Dean Academics.

File Description	Documents
Appropriate web in the Institutional website	**No File Uploaded**
Any other relevant information	**No File Uploaded**

7.3.2 - Plan of action for the next academic year

To get autonomous status for the Institution • To establish Permanent affiliation for the departments which are not yet received • To obtain NBA accreditation for all departments. To motivate faculty members for the FDP programmes