



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution

Pimpri Chinchwad Education
Trust's Pimpri Chinchwad College
of Engineering and Research

- Name of the Head of the institution **Dr Harish Umashankar Tiwari**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **8806461401**
- Mobile No: **7744898844**
- Registered e-mail **principal@pccoer.in**
- Alternate e-mail **harish.tiwari@pccoepune.org**
- Address **Plot No. B, Sector no. 110, Gate no.1, Laxminagar, Ravet**
- City/Town **Pune**
- State/UT **Maharashtra**
- Pin Code **412101**

2.Institutional status

- Affiliated / Constitution Colleges **Affiliated**
- Type of Institution **Co-education**
- Location **Urban**

- Financial Status **Self-financing**
- Name of the Affiliating University **Savitribai Phule Pune University**
- Name of the IQAC Coordinator **Dr Santosh Nagnath Randive**
- Phone No. **7276407944**
- Alternate phone No. **8237238080**
- Mobile **7276407944**
- IQAC e-mail address **iqac@pccoer.in**
- Alternate e-mail address **santosh.randive@pccoer.in**

3. Website address (Web link of the AQAR (Previous Academic Year)

<https://www.pccoer.com/>

4. Whether Academic Calendar prepared during the year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

<https://www.pccoer.com/>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A++	3.54	2023	19/05/2023	18/05/2028

6. Date of Establishment of IQAC

12/03/2018

7. Provide the list of funds by Central / State Government

UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr Pallavi Adke/ Dr Santosh Randive	Core Research Grant	SERB	2023 (3 Years)	2406145
Satish Pitake/ Dr Sudarshan Bobade	RGSTC	SPPU	2023 (3 Years)	500000

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? **No**

- If No, please upload the minutes of the meeting(s) and Action Taken Report [View File](#)

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)

At every department Internal and External Academic Audit has been conducted successfully.

The academic and extracurricular activities are planned and completed effectively for student's knowledge, skills and values development. IQAC has encouraged departments to continue association with different Professional societies like IEEE, ASME, ACM, CSI, ARAI, ISLE, IETE, IEI and SAE.

IQAC proposed and established sub -cell's and organized the activities for the students and faculties. The reviews and feedbacks are taken.

Academic and Administrative audits including ISO are planned and completed for better quality assurance.

Support and initiatives for Programme for awareness and admission planning, Promotional activities.

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
Application for ranking under NIRF, CSR and CII will be initiated.	Applied for NIRF ranking.
Institute has plan to increase publication in Scopus/SCI listed journal.	New Policy of providing special incentive to first author of research paper publication published in SCI/Scopus/UGC have been framed.
NBA Re- Accreditation for all programs.	All programs Accredited by NBA for 3 years.

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

- Name of the statutory body

Name	Date of meeting(s)
Governing Council (GC)	27/12/2024

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

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6.Date of Establishment of IQAC			12/03/2018		
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<ul style="list-style-type: none"> Name of the statutory body
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Name	Date of meeting(s)
Governing Council (GC)	27/12/2024

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2022-23	15/02/2024

15.Multidisciplinary / interdisciplinary

Pimpri Chinchwad College of Engineering & Research (PCCOE&R) is affiliated to Savitribai Phule Pune University (SPPU). The curricula of SPPU encompass several multi/interdisciplinary aspects. The syllabus of First Year Engineering (FE) includes credit courses on Physics, Chemistry and Mathematics in both the Semesters. The course of Mathematics continues for one more Semester in Second Year for all disciplines. FE syllabus is uniform for all disciplines and includes introductory credit courses on all the disciplines like Elements of Mechanical Engineering, Elements of Electrical Engineering, Elements of Computer engineering, etc. This ensures fundamental understanding of the students about the natural sciences and all core branches of Engineering. A few Courses like Strength of Materials, Fluid Mechanics are uniform for Civil Engineering and Mechanical

Engineering disciplines. Similarly, a few Courses like Data Structures, Object Oriented Programming, Digital Electronics & Logic Design, Computer Networks, Cloud Computing, Digital Signal Processing, Embedded Systems, System Programming & Operating System are uniform for Computer Engineering and ENTC Engineering disciplines. Further, these two have a few Honors courses in common viz. Internet of Things, Artificial Intelligence & Machine Learning, Data Science. Civil Engineering has a credit course on Computer Programming in Civil Engineering and Mechanical Engineering has credit courses on Artificial Intelligence & Machine Learning, Mechatronics and Computer Integrated Manufacturing. All the disciplines have audit courses on Environmental Sustainability, Road safety, etc. PCCOE&R is a Teaching-intensive and Research-intensive Institute. Special efforts are taken by PCCOE&R to inculcate multi/interdisciplinary research culture among faculty and students. PCCOE&R has been the pioneer Institute among SPPU institutions to adopt Project/Problem Based Learning (PBL) and the pupils are encouraged to identify problems that would need multi/interdisciplinary solution. PCCOE&R also insists on the students in their Final Year to procure Sponsored projects, which address the real life problems and which almost always involve multi/interdisciplinary approach to the solution. Funding is given by the Institute to the Final Year internal Projects. Students undergo industrial internships in their Third Year of UG course where, on the site, the interns automatically undergo multi/interdisciplinary training. The Art Cell organizes several events relevant to performing and commercial arts. Commemoration committee organizes birth and death anniversary celebration of freedom fighters and social workers. Through NSS, several events like Independence Day and Republic Day celebrations, Blood donation camps, Wintercamps, social work initiatives are taken to instill human values like Truth, Righteous conduct, Nonviolence, Peace and Love. PCCOE&R plans to acquire the status of Autonomous Institute in near future and having acquired thus, the Institute shall certainly plan multidisciplinary curricula that will enable multiple entries and exits. PCCOE&R will be proud to be a part of multidisciplinary HEI cluster or to be a Multidisciplinary Education & Research University (MERU) offering quality education in a vast spectrum of domains. One of the main objectives of NEP is improving Gross Enrollment Ratio (GER) from present 26.3% to 50%. On being autonomous, number of disciplines and number of vocational courses being offered will be increased, which will contribute to the improvement in GER.

16.Academic bank of credits (ABC):

ABCs are digital repositories of student credits that can be transferred between institutions. This will allow students to move more easily between different institutions and programs. All the students of the institute are in the process of registering for ABCs. Institute has made a provision for transfer of credits earned through certification of NPTEL/SWAYAM /MOOCs.

17.Skill development:

To enhance employability of the students', institute takes efforts to bridge the gap between curriculum and industry requirements. The Institute not only ensures that 100% syllabus is taught to students but also lays emphasis on delivering content beyond syllabus. In addition, seminars/workshops,/industry/field visits/industry talk, add on courses, hands on training, projects and internships under the MoUs signed with leading industries to help students know the current trends/practices in industry. Institute takes initiatives in capacity building and skills enhancement such as soft skills/language and communication skills/life skills and ICT/computing skills to achieve holistic development of the students and inculcate professionalism. The Training & Placement Cell of the Institute provides career guidance and organizes campus recruitment drives. It prepares the students for placement activities through various initiatives such as online assessment tests and Campus to Corporate Readiness Program. It has 4 levels starting from first to final year. It covers all the required skills such as aptitude, communication skills, personality development, resume writing, group discussion etc.

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

Presently no course/subject is taught in any Indian language, as the syllabus is designed by the SPPU, Pune is in English only. However, if demanded by the students, faculties are advised to explain certain points in local language i.e. Marathi.

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

Institute follows Outcome based education (OBE) in all its processes starting from defining of vision and mission of the institute and departments till assessment of program and course outcomes. Program Outcomes (POs) are based on the graduate attributes prescribed by National Board of Accreditation, and they are uniform for all the programs. While the Program Specific Outcomes (PSOs) as defined by the Program, and they are based on the branch or program specific skills. The institute has clearly

defined the course outcomes (COs) for all courses which are mapped to the POs and PSOs. Efforts are taken by the institution to disseminate the vision, mission, objectives, and outcomes among the stakeholders. To ensure correct assessment of COs, POs and PSOs, question papers are set as per the learning levels of Bloom's Taxonomy and questions are mapped with COs, POs and PSOs. The institution follows a welldefined process for attainment of Course Outcomes and Program Outcomes. Various assessment tools and marks scored by the students in these assessments are used for calculation of attainment of Course Outcomes. Based on the results of the assessment, the corrective/remedial action are taken to improve the learning outcomes for the students of next assessment or next time the course is offered. Attainment of PO-PSO is done using direct and indirect tools respectively. Regular feedback is collected from the stakeholders to achieve the POs and PSOs. Direct attainment of PO-PSO is based on the CO attainment of each course. While indirect attainment of PO-PSO is based on the feedback/survey forms from various stakeholders and co/extracurricular activities. Analysis of attainment values of PO-PSO is done to observe the areas of improvement and actions are planned accordingly.

20.Distance education/online education:

Virtual labs were conducted. Many staff and students have taken up online NPTEL courses. A Smart classroom is available in all department. Makeup classes are conducted using online platforms. Faculty attends online Faculty Development Programme. Departments organizes online FDP programme.

Extended Profile

1.Programme

1.1 296

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

File Description	Documents
Data Template	View File

2.Student

2.1 1767

Number of students during the year

File Description	Documents
Data Template	View File

2.2 264

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

File Description	Documents
Data Template	View File

2.3 378

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 88

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 76

Number of Sanctioned posts during the year

Extended Profile	
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File Description	Documents
Data Template	View File
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File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	378
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	88
File Description	Documents
Data Template	View File

3.2	76
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	22
Total number of Classrooms and Seminar halls	
4.2	747.4516
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	748
Total number of computers on campus for academic purposes	

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

Commitment to Academic Excellence: The institute follows the Four-Pillar-Philosophy, emphasizing academic excellence as a crucial element. It integrates the Plan-Do-Check-Act cycle for continuous improvement in academic tasks.

Inputs from various bodies like the Internal Quality Assurance Cell (IQAC), Academic Monitoring and Control Committee (AMC), Departmental Advisory Board (DAB), and other stakeholders are considered for scheduling curricular, co-curricular, and extra-curricular activities. These activities are planned in both institutional and departmental activity calendars.

Departmental Activity Calendar: This calendar is shared with students and faculty ahead of the semester to ensure effective preparation and timely participation.

Heads of Departments (HODs) assign subjects to faculty members

based on their expertise and preferences. The timetable is then created to align with the subject-wise structure prescribed by Savitribai Phule Pune University (SPPU).

Teaching Plan Preparation: Faculty members prepare detailed teaching plans, which include content beyond the syllabus. They also create course files and laboratory manuals to enhance the learning experience.

Academic Monitoring: The AMC conducts monthly reviews of academic progress to ensure curriculum delivery is on track. An external academic review is also conducted annually for continuous improvement.

Student monitoring and Feedback: Student attendance is tracked daily, and their progress is monitored regularly. Feedback is collected from students twice a semester and from other stakeholders once a year, using both ERP systems and physical forms.

This structured approach highlights the institute's dedication to maintaining a high standard of academic quality and ensuring regular monitoring and improvements.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

Adherence to Academic Calendar:

The academic calendar is tracked through course file verification, ARM meetings, faculty meetings, and feedback on the syllabus to ensure all activities align with the schedule.

Continuous Assessment (CA):

Internal and external performance is continuously monitored through a combination of internal and external assessments.

Continuous Internal Assessment (CIA) includes:

Practical evaluations

Term work assessments

Projects, seminars, and assignments

Internal examinations assessed using specific rubrics.

Internal Evaluation Process:

The Departmental Academic Coordinator (DAC) oversees the monitoring and evaluation.

Key evaluation components include:

Unit tests and Prelim exams are conducted every semester, with test papers designed based on course outcomes (COs) and Bloom's Taxonomy (BT) levels.

If students score poorly, they are given additional tasks to improve their understanding.

Assignments are given after every unit, evaluated based on timely submission and the quality of responses.

Mock project reviews are conducted twice a semester for final-year students, with the final review assessed by an external examiner.

Assessment Platforms:

Students' performance is assessed across multiple platforms, including:

Unit tests

Assignments

Mock reviews and exams (oral, practical, and project reviews)

Active participation in technical and non-technical events.

The results from these various assessments contribute to the internal marks.

This multi-faceted approach ensures that students are regularly evaluated and provided with opportunities for improvement.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	Nil

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

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

4

File Description	Documents
Any additional information	View File
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)

8

File Description	Documents
Any additional information	No File Uploaded
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

8

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

1110

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 curriculum outlined integrates essential themes such as Professional Ethics, Human Values, and Environment and

Sustainability across various courses:

Professional Ethics:

Advanced Concrete Technology: Emphasizes the application of ethical principles and professional codes in design and value addition.

Quantity Survey Contracts & Tenders: Focuses on ethical principles and professional codes in the management of various projects.

Project-Based Learning (PBL) including BE projects: Addresses issues of plagiarism, reinforcing the importance of originality and integrity in academic work.

Human Values:

Leadership and Personality Development: Aims to cultivate soft skills through individual and group activities, fostering personal growth and teamwork.

Environment and Sustainability:

Ecology and Environment: Stresses the use of renewable energy sources and the significance of energy conservation and management.

Environmental Issues and Disaster Management: Discusses various environmental issues and introduces strategies for effective disaster management.

This comprehensive curriculum approach ensures that students not only gain technical knowledge but also develop ethical, humanistic, and sustainable perspectives in their professional journeys.

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

18

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
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
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

1711

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**

File Description	Documents
URL for stakeholder feedback report	No File Uploaded
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows

File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil

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 sanctioned seats during the year

480

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

207

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

Students are categorized based on their performance in various assessments and observations. This includes their results in unit tests for respective subjects, academic performance in preceding university examinations (weighted at 50%), class observation and input from previous faculty (25%), and marks obtained in prerequisite objective or class tests conducted for respective subjects (25%). Students scoring below 40% are identified as Slow Learners, while those scoring above 90% are recognized as Advanced Learners. Slow Learners are further identified through their passive and dull participation in classroom discussions, performance in unit tests, oral examinations, and university examinations. To address these distinctions, each course coordinator prepares an action plan based on the result analysis of university examinations. The plan includes measures such as conducting remedial classes, providing counseling, and informing parents about the student's progress.

File Description	Documents
Link for additional Information	Nil
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
1767	88

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

PCCOE&R features a highly skilled faculty adept in modern ICT tools, actively utilizing them to manage information and enhance teaching quality. The faculty continually refines its expertise through regular faculty development programs. Classrooms are equipped with smart boards, projectors, and internet access, enabling the adoption of student-centered methodologies that blend traditional and innovative approaches, such as experiential and problem-solving techniques, to cater to diverse learning styles. Students gain hands-on experience through dissertations, internships, and projects, fostering both technological and managerial insights. ICT tools like blogs and Google Classroom are leveraged for resource sharing, while Flipped Classroom activities enhance student engagement. The institute encourages supplementary learning through platforms like NPTEL and Coursera, as well as collaborative skill development opportunities through initiatives like SAE-BAJA and TIFAN. Real-world industry scenarios immerse students in problem-solving contexts, complemented by interactive tools for skill refinement. Additionally, seminars provide a platform for deepening conceptual understanding, enhancing practical skills, and staying updated with industry trends.

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

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

At PCCOE&R, faculty leverage a wide array of ICT tools to enhance communication, content creation, distribution, storage,

and management. The classrooms are equipped with essential teaching aids, including network connectivity, LCD projectors, audio-video components, and smart boards, fostering an interactive and dynamic learning environment.

Key digital resources include an ERP System (<https://pceterp.in>) for streamlined access to faculty and student services like attendance, syllabus tracking, exam marks, and feedback collection. The Knimbus platform (<https://pccoer.knimbus.com/>) serves as a centralized hub for accessing valuable resources such as e-books, journals, NPTEL videos, and SPPU question papers.

Faculty extend their reach through YouTube channels, offering video lectures, and engage in online courses to broaden their interdisciplinary knowledge. Google Classroom is utilized for sharing materials, managing schedules, distributing notes, and conducting online exams. Faculty also maintain personal websites to showcase their professional achievements and insights.

Lectures conducted via Google Meet encourage interaction and participation, while the institute's website serves as a comprehensive resource for activities, faculty profiles, placements, and other milestones, underscoring the institution's dedication to providing holistic education.

ICT Tools Utilized:

- Classrooms (equipped with network connectivity, LCD projectors, standard teaching aids, audio-video components, smart boards, etc.)
- ERP System (<https://pceterp.in>)
- Knimbus Platform (<https://pccoer.knimbus.com/>)
- Google Classroom & Google Meet
- YouTube Channels and Faculty Blogs

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

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

65

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

88

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

31

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

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.

PCCOE&R assesses students using the outcomes-based philosophy. The internal evaluation conducted at Institute level is designed to link with SPPU examination and is carried out transparently. PCCOER has carefully designed and implemented the mechanism for internal assessment of the theory and Practical, which is as per the ISO process The mechanism followed for internal assessment is listed below Institute and Department Academic Calendars have Internal Examination schedules. The Internal Examination Time table is displayed on the notice board. The question papers for Internal Examinations are set strictly as per the guidelines and policies defined in ISO. Answer sheets are evaluated and provided to students in the classroom for verification and grievance addressing. The students who fail or remain absent during internal exams have to appear for Retest. Marks are shared with parents through parent's meet. At the start of each semester, students receive a schedule of the seminar, project,

PBL and evaluation process along with its rubrics to keep transparency, assignment and laboratory assessment also done according to rubrics. The course teacher allots marks to each student in a continuous assessment sheet as per rubrics. Necessary action is taken by course faculty on a query raised. If any internal grievances occur, they will be addressed and resolved by mentors, course faculty, and the head of the department.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

Grievances Redressal: If any internal grievances occur, it will be addressed and resolved by Mentors, Course Faculty and Head of the Department. To address all examination and evaluation related grievances, Institute has appointed College examination officer (CEO). Once the University Exam schedule is released students are notified to fill the exam forms. Any queries or issues identified are resolved by departmental exam coordinator along with CEO in communication with University Exam Cell. During SPPU External Examination if any malpractice occurs, the issue is registered and forwarded to University for further action. After declaration of results, aggrieved students can make online application for photocopies, rechecking or reevaluation of answer sheets. The application is forwarded to SPPU for corrective action.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

Our Institute adheres to the NBA's Program Outcomes (POs). These are twelve in number and are similar to and in line with the Washington Accord Graduate Attributes. Programme Specific

Outcomes (PSOs) are also defined for all programs. Every Department has Department Advisory Board (DAB), Program Assessment Committee (PAC) and Modules. Course Teachers and Module-coordinators define Course Objective and Course Outcomes (COs) for every Course. The CO statements and CO-PO/PSO mapping matrix are defined and designed referring to Blooms Taxonomy. It is communicated to all stakeholders after receiving final approval from PAC and DAB. For POs, the textual description is supplemented with a graphical presentation to ensure that all stakeholders have a clear and effective understanding. It is mandatory for the course in-charge to prepare the course presentation at the start of each semester and present it at the Academic Review Meeting. Students who are the center of the evaluation process are detailed about CO/PO/Mission and Vision of the Institute and Department. Following are some methods/avenues for disseminating information;

Institute web-site

Class Room

H.O.D. Cabin

Parent Teacher Meeting

Faculty Presentation

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	View File

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

The Institute follows NBA's Program Outcomes (POs), akin to the Washington Accord's Graduate Attributes, with twelve POs aligned with Programme Specific Outcomes (PSOs). Each department has advisory boards, assessment committees, and modules. Course objectives and outcomes are set using Bloom's Taxonomy, with graphical aids for clarity. Dissemination methods include the institute website, classrooms, meetings, and presentations. CO,

PO, and PSO attainment are assessed through direct and indirect methods. Direct methods (80%) include internal and external assessments, while indirect methods (20%) involve surveys and feedback. CO attainment levels are categorized into three tiers based on student performance. CO attainment is calculated using a weighted average of internal (20%) and external assessments (80%). Final attainment is compared with set targets, adjusting targets accordingly.

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

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

361

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	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.pccoer.com/pdf/SSS_PCCOE&R.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)

5.0

File Description	Documents
Any additional information	View File
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 departments having Research projects funded by government and non government agencies during the year

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

1

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

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

21

File Description	Documents
Report of the event	No File Uploaded
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

46

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

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

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

26

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

3.3 - Extension Activities

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

Pimpri Chinchwad College of Engineering and Research demonstrates its commitment to social responsibility by actively

participating in various events, such as blood donation drives, International Yoga Day, World Environment Day, and the celebrations of Gandhi Jayanti and Shiv Jayanti. Consequently, the institution regularly takes the lead in initiatives that benefit both society and its citizens through dedicated efforts in this area. Extension programs are important in fostering a sense of responsibility among students towards society. In pursuit of holistic development, the institute seeks to instill social values and ethics in its students. This objective aligns closely with PCCOER's four-pillar philosophy, where "Social Commitment" stands as one of the fundamental pillars.

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

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

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

1

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	No File Uploaded

3.3.3 - 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

3.3.3.1 - 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

6

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

490

File Description	Documents
Report of the event	No File Uploaded
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

2

File Description	Documents
e-copies of linkage related Document	No File Uploaded
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

16

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
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.

Institute has the essential infrastructure required to fulfill the norms laid by the AICTE, NBA, NAAC, NIRF, DTE, SPPU and several additional facilities for effective Teaching-Learning (TL) process, and Research and development activities.

The physical infrastructure consists of well-maintained 20 classrooms (76sqm), 05 tutorial rooms (36sqm), 50 laboratories, 2 workshops and 02 seminar hall (600 and 200 capacity).

The overall ambiance is cheerful and conducive to learning and experimenting. Classrooms are furnished with ICT tools such as smart boards, interactive panels, and projectors seamlessly integrated with online resources and connectivity, fostering an enriched learning environment intertwined with the vast expanse of the digital realm. Each department has Departmental library, Concept/Project/sponsored labs and separate cabins for the faculty members. Laboratories are equipped with essential equipment and add-on set-ups, which are regularly calibrated. Institute also has Departmental centers of excellence and facilities to enhance the learning experience. Workshop consists of adequate facilities such as milling, fitting, carpentry, welding, drilling using CNC, Centre Lathe, Bench Grinder Machine, Plastic injection molding machine etc. for imparting practical skills. Enterprise Resource Planning (ERP) is deployed

for effective academic planning, execution, monitoring and analysis, for the automation of academic and administrative processes and to maintain and analyze the data. This cloud-based ERP software facilitates the computerized process for student admission, teachers-parents communication, examinations, leaves management, attendance, students' feedback, etc. PCCOE & R has 748 PC, 10 Laptops, 35 printers, 7 scanners, 17 multi functional printers and 5 color plotters.

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.

Institute has a well-established Sport section and Art circle for organizing various sports and cultural activities.

.Institute motivates students to take part in cultural and sports activities to develop leadership qualities, decision making abilities, team spirit, socio-psychological awareness and shapes the students into intellectually integrated persons.

Institute has well equipped indoor sport room (76sqm) and indoor gymnasium. Indoor Sports activities include carom board, chess board, table tennis, badminton, etc. Students are provided with funds for participating in intra and inter university tournaments. Annual sport competitions are organized in the Institute.

PCCOE & R has open ground (1333+8096 sqm) for outdoor sports. Necessary kit/equipment for outdoor games like Cricket, Football, Volleyball, Basketball, Badminton, etc. is provided by Institute.

The students who represent Institute in various sports and cultural events are provided with necessary gears/materials and are felicitated at Annual Social Function.

Sense of calm, peace and balance can benefit emotional well-being and overall health of students and staff. Institute has a

dedicated Yoga Center (158sqm), where regular workshops, seminars, training programmes are organized on Yogasanas, Surya-namaskar, Pranayam and Meditation. International Yoga Day is celebrated with lot of zeal and enthusiasm in the Yoga Center by students and staff under the guidance of Yoga experts.

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.

22

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

22

File Description	Documents
Upload any additional information	No File Uploaded
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)

338.28

File Description	Documents
Upload any additional information	No File Uploaded
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)

Library at PCCOE&R is a premier learning resource that facilitates transference of information to fulfill the needs of learners. Library has a basic collection of necessary resources and is continuously updated in view of changing scenarios. Library plays a leadership role in today's distributed information environment, creation, organization, dissemination in building affiliations with students and faculty members. Each Department has its own library and central library provides counsel regarding the library processes.

Circulation module is the backbone of this system for daily transaction of library resources. Barcode reader is used for fast & effective issue/return of books.

OPAC provides various search options of books by Title, Author, Publisher, Keywords, Accession number. It provides online information about the library collection, availability, status of the books etc. WEB-OPAC application is also provided for remote access.

Kiosks is made available to all the users for web-OPAC in the Library. Implementation of the newly installed RIFD system is in progress.

Every year, more than 1000 books and 45 journal subscriptions are added to the Library. Average amounts spent in last six years on purchase of books and subscriptions are Rs. 49,31,384/- and in 2023-24, Rs. 19,21,837/-.

File Description	Documents
Upload any additional information	View File
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)	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)

19.21

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

File Description	Documents
Any additional information	View File
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

PCCOE&R prioritizes keeping faculty and students abreast of ICT developments. The campus features Wi-Fi with 500 Mbps bandwidth, 748 desktops, and Sophos Firewall XG for security. Open source and licensed software like Hit-office, language, and Multisim are available, alongside platforms like Knimbus and ScienceDirect for online literature. The institution constantly upgrades IT services to meet evolving needs. Desktop systems consist of 748 desktops and 14 laptops, mainly Dell, Lenovo, and Acer brands, with Intel Core i7 processors, 8 GB RAM, and 1 TB HDD. Classrooms are equipped with smart boards, projectors, and internet connectivity. There are 49 LCD projectors and a 2:1 system ratio in computer labs. The institute boasts 35 single printers, 17 multi-function printers, 7 scanners, 5 color printers, and 1 A3 color printer. With a 500 Mbps internet bandwidth, Wi-Fi is regularly maintained. IT infrastructure is upgraded by regularly updating software and systems, conducting semester checks, and ensuring reliable backup services for each lab.

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

4.3.2 - Number of Computers

748

File Description	Documents
Upload any additional information	View File
Student – computer ratio	View File

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

the Institution

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)

57.76

File Description	Documents
Upload any additional information	No File Uploaded
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.

At PCCOE&R, the meticulous management of physical, academic, and support facilities ensures optimal functionality and enhances the learning environment. Through ISO 9001-2015 certification and a commitment to continual improvement, the institute develops cutting-edge facilities. Laboratories undergo thorough maintenance before each semester, with measures like dead stock registers and budget provisions ensuring equipment reliability. Preventive and breakdown maintenance procedures are rigorously followed, guaranteeing prompt resolution of issues. The ambience of laboratories fosters learning, with proper lighting, ventilation, and cleanliness maintained by dedicated staff. Libraries are regularly updated, and computer maintenance is efficiently handled, ensuring seamless operations. Sports facilities and canteens are overseen by specialized committees

to maintain quality standards. A comprehensive infrastructure maintenance committee ensures the campus remains safe and conducive to academic pursuits. These efforts have significantly contributed to academic excellence and student success, reflected in numerous achievements such as top-ranking students and innovative ventures.

File Description	Documents
Upload any additional information	View File
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

1123

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

16

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	Nil
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

292

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

292

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

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	View File
Upload any additional information	View File
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

220

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	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

11

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	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

27

File Description	Documents
Upload supporting data for the same	View File
Any additional information	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.

8

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
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)

The aim of promoting students representation and engagement in various administrative, co-curricular and extracurricular activities is to involve the students in policy making process as well as maintaining the transparency in the system. It helps in comprehensive development of the students. Various committees are formed at institute/department level and majority of them are given below.

1. Students' Council: Under section 40(3) of Maharashtra Universities act, 1994, this council is established every year in the Institute and it performs its prescribed duties.
2. Student Grievance and Redressal: This committee addresses student grievances and maintains harmony and discipline among the students.
3. Gender Equality: The broad mandate of the cell is to provide an integrated and interdisciplinary approach to understanding social and cultural constructions of gender that shape the experiences of women and men in society.
4. Ant-Ragging: This committee ensures zero ragging incidents in the institute and also spreads awareness among students against any type of ragging activities.
5. Cultural and sports Activities: This committee co-ordinates various cultural activities and events throughout the year. This provides platform to the students to organise and participate activities through various event.
6. Department/ College Magazine: Our annual magazine published by Magazine committee at college level. Students express their talent in the form of articles, poetry, interviews of eminent personalities etc. Each department publish their own magazine where student committees play active roles in magazine publishing process.

File Description	Documents
Paste link for additional information	https://www.pccoer.com/statutorycommittees.php#
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

9

File Description	Documents
Report of the event	No File Uploaded
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

PCCOE&R was established in 2014, with its first graduating batch passing out in 2018. To date, Six batches comprising approximately 2,150 alumni have graduated. The alumni maintain strong connections with PCCOE&R and their respective departments.

The institute has a registered Alumni Association (Registration Number: MH/13/6/2019/Pune). This association serves as a platform to unite alumni, enabling them to share experiences, extend support, and provide valuable guidance to current students.

In addition to the association, alumni have formed groups in

various locations, including the USA, Japan, Pune, and more. To facilitate alumni registration, a dedicated portal, Alma Connect, has been created.

Despite being relatively young, our alumni have secured prominent roles such as Managers, Design Engineers, Entrepreneurs, and Plant Heads in leading multinational corporations, public sector enterprises, and government organizations at the global, national, and state levels.

The institute organizes an annual alumni meet, which typically sees over 300 participants. During these events, alumni interact with students, faculty, and management, sharing their ideas to enhance the overall growth of the institute and its departments.

Many alumni are active members of the Department Advisory Board (DAB) and College Development Committee (CDC). Beyond the annual meet, alumni frequently visit the campus throughout the academic year, contributing through guest lectures, seminars, workshops, and supporting industry visits and internships.

Alumni actively support students by sponsoring projects and competitions, providing technological resources, and offering expert guidance. Their feedback is invaluable for infrastructure development and academic enhancements, including identifying syllabus gaps to align with industry demands.

File Description	Documents
Paste link for additional information	https://www.pccoer.com/alumni.php
Upload any additional information	View File

5.4.2 - Alumni contribution during the year E. <1Lakhs (INR in Lakhs)

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

PCCOE&R is governed by its Vision and Mission. The Vision and Mission have been developed with the active participation of all internal members and stakeholders. It is set taking into consideration the present day technical needs of the society and forecasting the future requirements in various technological fields so as to become an element in the growth of the society and nation. The statement of vision and mission was formed by considering the perspective of

The PCET Trust Vision Mission, PCCOE

Vision Mission Suggestions received from Stakeholders (GB & CDC Members)

Considered HoD's Views

Need of nearby Society

The statement of vision and mission was approved in GB and CDC Meeting Vision of the Institute To be a Premier Institute of technical education and research to serve the need of society and all the stakeholders. Mission of the Institute To establish state-of-the-art facilities to create an environment resulting in individuals who are technically sound having professionalism, research and innovative aptitude with high moral and ethical values.

In line with Vision and Mission, PCCOE&R has defined four pillar philosophy as illustrated below; 1. Academic Excellence 2. Research and Innovation 3. Professional Competence 4. Social Commitment

File Description	Documents
Paste link for additional information	Nil
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 governing body (GB) is supreme and is stakeholder in articulating the organization Vision and Mission and major policy decisions. The GB has been formed as per AICTE norms involving all stake holders. Every year, at least two meetings are held. The College Development Committee (CDC) is operating in accordance with Section 97 of the Maharashtra Public University Act 2016.

CDC has representation of all HoDs, faculty members, supporting staff and students representative. It regularly reviews and monitors the overall development of the institute. It meets three times a year. The review is conducted on Academics, Financial Planning, Utilization and Administration. Internal Quality Assurance Cell (IQAC) has been formed as per NAAC guidelines. It has representation from all staff. It gives guidelines about the overall audit of the Institute, particularly on academic front. IQAC decided to obtain ISO certification for achieving quality and excellence in the overall functions. ISO certification was obtained from TUV NORD and PCCOE&R is functioning as per the ISO standards. PDCA cycle is followed in the ISO 2018 process. 36 different portfolios have been formed to provide decentralized administration. Faculty members are portfolio in-charges and faculties and supporting staff are representing their departments.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

At PCCOE&R, since it's inception for the period of initial three years (2014-2017), the institute has kept the initial goals of developing its infrastructure as per the norms and streamlining the various processes viz., academic, administrative and overall quality assurance in terms of students intake and desired outcome. The Institute Strategic Plan, encompassing the period 2017-2027 was prepared by involving all HODs and approved in the Governing Body Meeting on 17th March 2017 and inputs

have been obtained about implementation and improvement in the quality of the four pillars of PCCOE&R.. This strategic plan is intended to steer the steady improvement of the institute's educational, research and development, organizational and infrastructure initiatives. This strategic plan is included with the institute's short term and long term goals. All stakeholders were urged to understand the complete strategic plan and were appealed to get involved in effective deployment of the same. Every year, during GB meetings, regular review on various aspects of the strategic plan is taken.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
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.

At PCCOE&R the Governing Body (GB) is the highest decisionmaking body constituting members from the Management, Principal and nominated faculty members. Another apex committee, College Development Committee (CDC) includes members from the Management, members from industries, Principal, society representatives, three members elected from teaching faculty, one member of non-teaching staff and student representatives. Each department has a Department Advisory Board (DAB), a Program Assessment Committee (PAC) and Department level portfolios/committees for effective implementation of policies. PCCOE&R has some additional policies as recommended by GB, CDC and PCET. The Service Rules, Code of Conduct, Ordinances, Procedure, Recruitment policies and promotional policies are governed by the Maharashtra University Act, 2016, University Statutes and AICTE.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	https://pccoer.com/NAAC_AOAR/CR6/6.1/6.1.2/PCCOER%20Organization%20Chart.jpg
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	No File Uploaded
Screen shots of user interfaces	View File
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

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

- Eligible staff as per the Staffs' Provident Fund legislation is given EPF. Equal contribution of Rs. 1800/- per person per month by PCCOE&R and individual staff is done. Institute has a gratuity scheme.
- Institute has a gratuity scheme.
- The employees are provided Group Insurance cover from LIC.
- Retirement benefits are provided to staff members as per EPF norms.
- Seventh Pay implemented
- Around 95% faculty is on AICTE/DTE recommended pay scale.
- The salary has always been regular and never been delayed.
- Over and above the leaves that come under Institute Policy

(Casual/Vacation/Earned/ Medical/Maternity/On-duty)
faculty and staff members are given special leaves under singular situations.

- A special fund called Gangaajali is raised, which is used in case a staff member has acute financial issues.
- It is the strategy of PCCOE&R to promote internal eligible candidates rather than employing outside talent.
- Staff Development and Welfare Cell takes various initiatives for staff welfare. Several programmes like get together, cultural programme, Yoga sessions, picnics are organized annually.
- The staff received the award from the institute for publishing their paper.
- The staff received the fund for Patent Grant and Registration fees for paper publication.

File Description	Documents
Paste link for additional information	Nil
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

29

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

06

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

70

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

Appraisal System

PCCOE&R follows a systematic Performance Appraisal System for teaching and non-teaching staff. Institute has designed a Self Appraisal Form (SAF). SAF is shared with staff well in advance. Institution evaluates teaching staff on four categories viz. teaching-learning-evaluation, co-curricular and extension activities, research, professional development and special achievement. Due importance is given to all the activities. PCCOE&R evaluates non-teaching staff on professional competence, responsibility, attendance, punctuality, discipline, interaction with colleagues, etc. A structured SAF is used for this purpose, wherein they give the details of their performance and participation in all the activities. Concerned HOD gives their remarks on the performance of the faculty member. Principal gives his remarks and suggestions to each staff member after personal interaction. Additional Increment is introduced while awarding annual increments. HoDs and Principal evaluate the faculty members and staff by merit rating based on their performance and have one-to-one interaction. For non-teaching staff, increment is given based on their performance in the department, upgradation in qualification, interpersonal behavior and punctuality. Above welfare measures and appraisal system has helped the Institution to positively motivate all the employees and to identify and reward meritorious ones. It has also motivated staff and students to perform progressively on all four pillar fronts.

File Description	Documents
Paste link for additional information	Nil
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

Financial audits: To ensure transparency and regular monitoring, income, expenditure and balance of funds audit is conducted every 3 months and also reviewed in CDC meetings. Transparent financial system has been maintained in the Institution. There are well defined policies regarding sanction of financial budget, approval of purchases and audits. An external auditor appointed by the trust executes the statutory audit quarterly as well as at the

end of the financial year. The report is made available on the college website to maintain transparency. No major objections have been found in the audit by the statutory auditors and minor audit suggestions are complied as per procedure. Some key features are;

- The fees have been increased from Rs.60,000 to Rs.1,21,000 (2014 to 2024).
- Expenditure has increased.
- Utilization is more than 95% (100.58% budget is utilized during FY 2022-23).
- Salary budget is consistently around 60%.

File Description	Documents
Paste link for additional information	Nil
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	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

PCCOE&R has strategy and financial policy which ensure effective and appropriate utilization of finances. There is a standardized budget for all recurring/nonrecurring expenditure. Accounts section, departments and portfolio in-charges are involved in preparation, allocation and mobilization of budget before the financial year.

- Annual requirement for the Department is prepared by Head of Department (HoD) after taking inputs from faculty.
- HoD, after discussion with the Principal, finalizes the budget and submits it to the Principal.
- On approval in CDC, the account section issues the approved budget to the Department.

• On receiving the approved budget, the Department initiates the purchase process. Institute has a defined and documented procedure to make effective and efficient utilization of available financial resources for infrastructure development and academic processes. Principal and HoDs have a financial authority of Rs.1,00,000/- and Rs.20,000/- respectively. Purchase Committee members handle various activities in the purchase process to ensure that suitable equipment with the right specifications is procured at an optimal price. Financial support is also provided for participation of students at various National and International level events.

File Description	Documents
Paste link for additional information	Nil
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

To provide quality education is the prime goal of PCCOE&R. We have drafted quality policy and defined goals which are reviewed in view of continuous improvement towards holistic development of students, faculties and stakeholders and altogether PCCOE&R. The Institute follows PDCA (Plan-Do-Check- Act) mechanism for academic and admin audit. Internal Quality Assurance Cell (IQAC) was constituted in 2018. PCCOE&R has a defined Quality Policy approved by IQAC with effective participation from all the stakeholders. IQAC meets twice in a year to review the Academic and Administration systems and their progress. It was decided to apply for NAAC/NBA accreditation on being eligible as per the inputs provided by IQAC. Quality Policy: Develop our Institute as premier Institute of technical education and research as per the needs and expectations of all stake-holders. Comply with all applicable requirements and expectations. Continual improvement in infrastructure and quality management system. We shall strive to maintain conducive learning environment and student's overall development with high moral and ethical values. IQAC recommended to apply for ISO Certification and Institute got ISO Certification by TUV NORD in the academic year 2018-19. Since then regular audits are done and reviews are taken by the IQAC.

File Description	Documents
Paste link for additional information	Nil
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

An Academic Monitoring and Control Committee (AMC) have been formed with Coordinators from all departments and conducts academic review meeting before commencement of semester. AMC conducts three academic reviews in a semester to ensure smooth conduction of Teaching Learning process. Once in a year, External Academic Audit is conducted by academicians from other Institutes and the audit report is discussed in IQAC. As per ISO guidelines, internal audits and Management Review Meetings (MRM) are conducted and at the end of academic year, surveillance audit is carried out. Seven sections viz. academic, administration, library, security, workshop, training and placement, student development welfare are audited under ISO. Continuous improvement is achieved through periodic audits satisfying statutory requirements. The recommendations and guidelines provided by the College Development Committee (CDC), Governing Body (GB) and Department Advisory Board (DAB) are implemented effectively in coordination with the IQAC. Various initiatives taken under IQAC are as follows; 1. Roles and Responsibilities of departmental portfolios 2. Development of quality culture in the Institute in association with the Quality Circle Forum of India 3. Academic Monitoring Control 4. Academic Review Meetings 5. ISO Process initiation 6. Academic and Administrative Audit 7. NAAC/NBA Accreditation 8. Strengthening of Industry Institute Interaction.

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

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); A. All of the above

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)

File Description	Documents
Paste web link of Annual reports of Institution	Nil
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

PCCOER has implemented several initiatives to promote gender equity. The institute is committed to advancing higher education and empowering women through equitable practices. It fosters a culture of equal opportunities for individuals across all roles and genders, which is evident in its academics, administration, and various activities.

The institution actively promotes gender equity among students through webinars, seminars, counseling, and guidance sessions. Women's Day is celebrated annually, encouraging staff to facilitate discussions on the importance of gender equity in building a progressive society. Female students receive encouragement and support for academic, co-curricular, and extracurricular activities through the Women Empowerment Cell. Additionally, a professional counselor provides assistance for issues such as depression, anxiety, distress, phobias, and panic.

The institute conducts various programs under NSS to raise

awareness among students about gender equity. Each year, a seven-day camp is organized in villages, where both male and female students actively participate and contribute equally to a range of activities.

Separate Girls and Boys Common Rooms have been provided. Sanitary Napkin vending and Disposal machine is available in the ladies toilet. The institute provides maternity leave. Faculty with infant babies are allowed to visit their homes during working hours.

File Description	Documents
Annual gender sensitization action plan	https://pccoer.com/NAAC_AQAR_2025/CR7/7.1.1/7.1.1a%20Annual%20gender%20sensitization%20action%20plan.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://pccoer.com/NAAC_AQAR_2025/CR7/7.1.1/7.1.1b%20Facilities%20for%20Women%20(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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
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

The Institute is committed to creating an eco-friendly campus. The campus is kept clean & tidy and full of greenery.

I) Solid waste management:

Institute practices the segregation of solid waste and its effective management in the campus. The separate bins for dry and wet waste are used. The dry and wet waste is handed over to the municipal waste collection agency for further treatment on a regular visit .

II) Liquid waste management:

All the toilets and bathrooms waste water lines are directly connected to the municipal drainage system The tanks are regularly cleaned by external agencies to avoid stagnation of water.

IV) E-waste management:

PCCOER generates E-waste and collects from each department and gives it to approved suppliers once a year for disposal. For both small and large projects, students are urged to incorporate repurposed electrical components from e-waste.

v) Waste recycling system:

Vermi composting plant is there for digesting and to convert it into manure for the waste generated from the canteen.

VI) Hazardous waste management:

The Chemistry and Environmental laboratory has a limited quantity of hazardous chemicals which is properly stored and maintained. Fire extinguisher and fire fighting system provision for every building.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	Nil
Any other relevant information	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water

A. Any 4 or all of the above

**harvesting Bore well /Open well recharge
Construction of tanks and bunds Waste
water recycling Maintenance of water
bodies and distribution system in the
campus**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
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:

A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

File Description	Documents
Geo tagged photos / videos of the facilities	View File
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	View File
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 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 **A. Any 4 or all of the above**

5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
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).

PCCOE&R is governed by PCET trust, whose objective is to provide value-based quality education. Vision & Mission of PCCOE&R are on same line.

Students and staff from different cultural/regional/religious/linguistic/socioeconomic backgrounds work together as a team in a cohesive working environment.

Institute has Uniform for All students and faculties. There has not been a single incidence of any kind of disparity/discrimination among staff and students.

Institute Celebrates National Unity Day, Regional Language Day ,International Yoga Day. Republic Day and Independence Day are enthusiastically celebrated and various cultural programs are organized. Persons who have contributed selflessly and without discrimination are honored.

On Women's Day, Institute organizes workshops to raise awareness of women's rights, safety, security and health issues. Visits to orphanage and old-age homes are organized.

Earn & Learn Scheme is effectively implemented for economically weaker students. Institute Implements the government scheme and scholarships.

The campus is entirely Ragging-free. Anti-ragging Committee proactively monitors student behavior on academic campus and hostels.

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	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

Mission statement of PCCOE&R includes keywords like High Moral and Ethical Values.

A typical day at the Institute begins with National Anthem, followed by ten minutes Vertical Yoga. Institute Celebrates National Unity Day, Environmental Day, Regional Language Day.

Experts on Constitution and obligations are invited to speak. Institute hosts a blood donation camp to educate and inspire the public, students and staff to donate blood.

Republic Day and Independence Day are enthusiastically celebrated.

Students undergo Audit course on Professional Ethics & Values. In Induction Programme, sessions on human values and guest talks on constitution, social, environmental and value-based topics are organized.

To raise awareness about the importance of nature in our lives, PCCOE&R organizes activities such as tree planting, Swachha Pakhawada Abhiyan etc.

A one-week Special Winter Camp in rural areas is organized by NSS and women's empowerment through community-based events like Beti Bachao, Beti Padhao and street plays are conducted.

Faculties and students celebrated Meri Matti Mera Desh Event. Active participation was seen in initiatives like ISKCON Food Packing Activity and Voter Registration Activity

The campus is entirely Ragging-free. Tobacco chewing, smoking, consumption of alcohol and drugs is totally banned on campus.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	No File Uploaded

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

B. Any 3 of the above

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	No File Uploaded

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

Institution celebrates the National and International festivals to inculcate values, ethics, social responsibilities and global awareness among students and staff.

Institute hosts Independence Day and Republic Day celebration, followed by patriotic cultural events. Institute enthusiastically observes the birthdays of National Heroes . Swachh Bharat Abhiyan Promise, Unity Oath and number of other programmes are organized as directed by AICTE/DTE/SPPU. Engineer's Day is observed in the memory of Bharatratna Dr. Mokshagundam Visvesvaraya.

Institute observes International Yoga Day on 21st June each year. Environmental Day, Teacher's Day ,Major festivals like Ganesh Festival ,Khandenavmi and Diwali are observed by PCCOE&R.

As per SPPU circular 27th February is observed as Marathi Bhasha Diwas (Regional Language Day) to commemorate the birthday of illustrious Marathi poet Kusumagraj. Various Activities are organized by the Art-Circle. On 28th February, the Institute celebrates National science day by organizing a poster competition.

Expression, the yearly social gathering, includes singing, dancing, fashion shows, dramas, musical instrument performances, traditional days, etc. Naad-Brahma, a performing arts event dedicated to traditional/classical music is organized annually.

Under the faculty development cell Institute organizes a cultural festival especially for faculty and staff .Numerous additional activities are also carried out .

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	View File
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.

1. Title: Empowering Engineering Excellence Through Research Funding

Objectives

Research funding advances knowledge, solves problems, drives growth, fosters innovation, and encourages collaboration.

The Context:

Align research funding priorities with the institute's goals, such as advancing knowledge and addressing societal and global challenges.

The Practice:

The R&D cell ensures a proper approval process for financial assistance .

Evidence of Success:

Increased publication output, improved quality, and enhanced institutional reputation.

A.Y. SCI PUBLICATION SCOPUS PUBLICATION PATENT 2023-2024 8 33 19

Problems encountered and resources required:

Research funding challenges include limited funds from the sponsored organizations, low awareness, quality issues, predatory publishing, lack of acknowledgment, and monitoring difficulties.

2. Title: Project Based Learning

PBL nurtures innovation, aligns with outcomes, enhances engineering knowledge.

Objectives:

Promote problem-solving, teamwork, critical thinking, research alignment with trends.

The Context:

PBL develops competencies, encourages community involvement, links curriculum to real-world requirements

The Practice: PBL trains students for industry, research, and entrepreneurship from first to final year .

Evidence of Success

PBL enhances the quality of final year projects, research papers, awards, and participation in national competitions.

Problems encountered and resource required:

Students with limited research exposure use departmental labs and innovation centers for projects, with financial support for materials.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	No File Uploaded

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 thrust area of the Institute, besides strong academics, has always been Research, Innovation, Publications, Patents, Copyrights, in general, Intellectual Property (IP).

PCCOE&R has cultivated IPR culture right from its inception. Special attention and efforts/activities are taken in PCCOE&R to inculcate IP culture. Session on Intellectual Property (IP) is conducted during Induction Programme for First Year and Direct Second Year lateral entry students. All students are motivated to learn about IPR and its processing. Institute provides financial sponsorship for filing IPR like patent, copyright, etc

Objectives of IPR Cell: The main objective is to create an environment conducive to innovation, convert innovation into IPR and finally bridge the gap between inventor and investor in view of technology transfer.

Institute Policies and Support to Promote IP:

Institute has an independent Innovation Cell through which students and faculty are encouraged to file a copyright/patent/trademark on the concept/product/design/software developed. To instill the IP culture, the Institute has formulated several policies.

Impacts & Achievements: Following impacts/achievements of the consistent efforts about IP related initiatives are observed (thorough details given in attached documents);

- Number of Copyrights filed: 143
- Number of Patents filed: 14
- Number of Patents granted: 05
- Quality of projects is improved which has led to CO-PO attainment.

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

Commitment to Academic Excellence: The institute follows the Four-Pillar-Philosophy, emphasizing academic excellence as a crucial element. It integrates the Plan-Do-Check-Act cycle for continuous improvement in academic tasks.

Inputs from various bodies like the Internal Quality Assurance Cell (IQAC), Academic Monitoring and Control Committee (AMC), Departmental Advisory Board (DAB), and other stakeholders are considered for scheduling curricular, co-curricular, and extra-curricular activities. These activities are planned in both institutional and departmental activity calendars.

Departmental Activity Calendar: This calendar is shared with students and faculty ahead of the semester to ensure effective preparation and timely participation.

Heads of Departments (HODs) assign subjects to faculty members based on their expertise and preferences. The timetable is then created to align with the subject-wise structure prescribed by Savitribai Phule Pune University (SPPU).

Teaching Plan Preparation: Faculty members prepare detailed teaching plans, which include content beyond the syllabus. They also create course files and laboratory manuals to enhance the learning experience.

Academic Monitoring: The AMC conducts monthly reviews of academic progress to ensure curriculum delivery is on track. An external academic review is also conducted annually for continuous improvement.

Student monitoring and Feedback: Student attendance is tracked daily, and their progress is monitored regularly. Feedback is collected from students twice a semester and from other stakeholders once a year, using both ERP systems and physical forms.

This structured approach highlights the institute's dedication to maintaining a high standard of academic quality and ensuring regular monitoring and improvements.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

Adherence to Academic Calendar:

The academic calendar is tracked through course file verification, ARM meetings, faculty meetings, and feedback on the syllabus to ensure all activities align with the schedule.

Continuous Assessment (CA):

Internal and external performance is continuously monitored through a combination of internal and external assessments.

Continuous Internal Assessment (CIA) includes:

Practical evaluations

Term work assessments

Projects, seminars, and assignments

Internal examinations assessed using specific rubrics.

Internal Evaluation Process:

The Departmental Academic Coordinator (DAC) oversees the monitoring and evaluation.

Key evaluation components include:

Unit tests and Prelim exams are conducted every semester,

with test papers designed based on course outcomes (COs) and Bloom's Taxonomy (BT) levels.

If students score poorly, they are given additional tasks to improve their understanding.

Assignments are given after every unit, evaluated based on timely submission and the quality of responses.

Mock project reviews are conducted twice a semester for final-year students, with the final review assessed by an external examiner.

Assessment Platforms:

Students' performance is assessed across multiple platforms, including:

Unit tests

Assignments

Mock reviews and exams (oral, practical, and project reviews)

Active participation in technical and non-technical events.

The results from these various assessments contribute to the internal marks.

This multi-faceted approach ensures that students are regularly evaluated and provided with opportunities for improvement.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	Nil

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

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

4

File Description	Documents
Any additional information	View File
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)

8

File Description	Documents
Any additional information	No File Uploaded
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

8

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

1110

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 curriculum outlined integrates essential themes such as Professional Ethics, Human Values, and Environment and Sustainability across various courses:

Professional Ethics:

Advanced Concrete Technology: Emphasizes the application of ethical principles and professional codes in design and value addition.

Quantity Survey Contracts & Tenders: Focuses on ethical principles and professional codes in the management of various projects.

Project-Based Learning (PBL) including BE projects: Addresses

issues of plagiarism, reinforcing the importance of originality and integrity in academic work.

Human Values:

Leadership and Personality Development: Aims to cultivate soft skills through individual and group activities, fostering personal growth and teamwork.

Environment and Sustainability:

Ecology and Environment: Stresses the use of renewable energy sources and the significance of energy conservation and management.

Environmental Issues and Disaster Management: Discusses various environmental issues and introduces strategies for effective disaster management.

This comprehensive curriculum approach ensures that students not only gain technical knowledge but also develop ethical, humanistic, and sustainable perspectives in their professional journeys.

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

18

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	View File
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
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

1711

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

File Description	Documents
URL for stakeholder feedback report	No File Uploaded
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows

File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil

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 sanctioned seats during the year

480

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

207

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

Students are categorized based on their performance in various assessments and observations. This includes their results in unit tests for respective subjects, academic performance in preceding university examinations (weighted at 50%), class observation and input from previous faculty (25%), and marks obtained in prerequisite objective or class tests conducted for respective subjects (25%). Students scoring below 40% are identified as Slow Learners, while those scoring above 90% are recognized as Advanced Learners. Slow Learners are further identified through their passive and dull participation in classroom discussions, performance in unit tests, oral examinations, and university examinations. To address these distinctions, each course coordinator prepares an action plan based on the result analysis of university examinations. The plan includes measures such as conducting remedial classes, providing counseling, and informing parents about the student's progress.

File Description	Documents
Link for additional Information	Nil
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
1767	88

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

PCCOE&R features a highly skilled faculty adept in modern ICT tools, actively utilizing them to manage information and enhance teaching quality. The faculty continually refines its expertise through regular faculty development programs. Classrooms are equipped with smart boards, projectors, and internet access, enabling the adoption of student-centered methodologies that blend traditional and innovative approaches, such as experiential and problem-solving techniques, to cater to diverse learning styles. Students gain hands-on experience through dissertations, internships, and projects, fostering both technological and managerial insights. ICT tools like blogs and Google Classroom are leveraged for resource sharing, while Flipped Classroom activities enhance student engagement. The institute encourages supplementary learning through platforms like NPTEL and Coursera, as well as collaborative skill development opportunities through initiatives like SAE-BAJA and TIFAN. Real-world industry scenarios immerse students in problem-solving contexts, complemented by interactive tools for skill refinement. Additionally, seminars provide a platform for deepening conceptual understanding, enhancing practical skills, and staying updated with industry trends.

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

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

At PCCOE&R, faculty leverage a wide array of ICT tools to

enhance communication, content creation, distribution, storage, and management. The classrooms are equipped with essential teaching aids, including network connectivity, LCD projectors, audio-video components, and smart boards, fostering an interactive and dynamic learning environment.

Key digital resources include an ERP System (<https://pceterp.in>) for streamlined access to faculty and student services like attendance, syllabus tracking, exam marks, and feedback collection. The Knimbus platform (<https://pccoer.knimbus.com/>) serves as a centralized hub for accessing valuable resources such as e-books, journals, NPTEL videos, and SPPU question papers.

Faculty extend their reach through YouTube channels, offering video lectures, and engage in online courses to broaden their interdisciplinary knowledge. Google Classroom is utilized for sharing materials, managing schedules, distributing notes, and conducting online exams. Faculty also maintain personal websites to showcase their professional achievements and insights.

Lectures conducted via Google Meet encourage interaction and participation, while the institute's website serves as a comprehensive resource for activities, faculty profiles, placements, and other milestones, underscoring the institution's dedication to providing holistic education.

ICT Tools Utilized:

- Classrooms (equipped with network connectivity, LCD projectors, standard teaching aids, audio-video components, smart boards, etc.)
- ERP System (<https://pceterp.in>)
- Knimbus Platform (<https://pccoer.knimbus.com/>)
- Google Classroom & Google Meet
- YouTube Channels and Faculty Blogs

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

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

65

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

88

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

31

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

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.

PCCOE&R assesses students using the outcomes-based philosophy. The internal evaluation conducted at Institute level is designed to link with SPPU examination and is carried out transparently. PCCOER has carefully designed and implemented the mechanism for internal assessment of the theory and Practical, which is as per the ISO process The mechanism followed for internal assessment is listed below Institute and Department Academic Calendars have Internal Examination schedules. The Internal Examination Time table is displayed on the notice board. The question papers for Internal Examinations are set strictly as per the guidelines and policies defined in ISO. Answer sheets are evaluated and provided to students in the classroom for verification and grievance addressing. The students who fail or remain absent during internal exams have to appear for Retest. Marks are shared with parents through parent's meet. At the start of

each semester, students receive a schedule of the seminar, project, PBL and evaluation process along with its rubrics to keep transparency, assignment and laboratory assessment also done according to rubrics. The course teacher allots marks to each student in a continuous assessment sheet as per rubrics. Necessary action is taken by course faculty on a query raised. If any internal grievances occur, they will be addressed and resolved by mentors, course faculty, and the head of the department.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

Grievances Redressal: If any internal grievances occur, it will be addressed and resolved by Mentors, Course Faculty and Head of the Department. To address all examination and evaluation related grievances, Institute has appointed College examination officer (CEO). Once the University Exam schedule is released students are notified to fill the exam forms. Any queries or issues identified are resolved by departmental exam coordinator along with CEO in communication with University Exam Cell. During SPPU External Examination if any malpractice occurs, the issue is registered and forwarded to University for further action. After declaration of results, aggrieved students can make online application for photocopies, rechecking or revaluation of answer sheets. The application is forwarded to SPPU for corrective action.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

Our Institute adheres to the NBA's Program Outcomes (POs). These are twelve in number and are similar to and in line

with the Washington Accord Graduate Attributes. Programme Specific Outcomes (PSOs) are also defined for all programs. Every Department has Department Advisory Board (DAB), Program Assessment Committee (PAC) and Modules. Course Teachers and Module-coordinators define Course Objective and Course Outcomes (COs) for every Course. The CO statements and CO-PO/PSO mapping matrix are defined and designed referring to Blooms Taxonomy. It is communicated to all stakeholders after receiving final approval from PAC and DAB. For POs, the textual description is supplemented with a graphical presentation to ensure that all stakeholders have a clear and effective understanding. It is mandatory for the course in-charge to prepare the course presentation at the start of each semester and present it at the Academic Review Meeting. Students who are the center of the evaluation process are detailed about CO/PO/Mission and Vision of the Institute and Department. Following are some methods/avenues for disseminating information;

Institute web-site

Class Room

H.O.D. Cabin

Parent Teacher Meeting

Faculty Presentation

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	View File

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

The Institute follows NBA's Program Outcomes (POs), akin to the Washington Accord's Graduate Attributes, with twelve POs aligned with Programme Specific Outcomes (PSOs). Each department has advisory boards, assessment committees, and modules. Course objectives and outcomes are set using Bloom's

Taxonomy, with graphical aids for clarity. Dissemination methods include the institute website, classrooms, meetings, and presentations. CO, PO, and PSO attainment are assessed through direct and indirect methods. Direct methods (80%) include internal and external assessments, while indirect methods (20%) involve surveys and feedback. CO attainment levels are categorized into three tiers based on student performance. CO attainment is calculated using a weighted average of internal (20%) and external assessments (80%). Final attainment is compared with set targets, adjusting targets accordingly.

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

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

361

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	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.pccoer.com/pdf/SSS_PCCOE&R.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)	
5.0	
File Description	Documents
Any additional information	View File
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 departments having Research projects funded by government and non government agencies during the year	
3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year	
1	
File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil
3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year	
3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year	
21	

File Description	Documents
Report of the event	No File Uploaded
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

46

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

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

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

26

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

3.3 - Extension Activities

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

Pimpri Chinchwad College of Engineering and Research

demonstrates its commitment to social responsibility by actively participating in various events, such as blood donation drives, International Yoga Day, World Environment Day, and the celebrations of Gandhi Jayanti and Shiv Jayanti. Consequently, the institution regularly takes the lead in initiatives that benefit both society and its citizens through dedicated efforts in this area. Extension programs are important in fostering a sense of responsibility among students towards society. In pursuit of holistic development, the institute seeks to instill social values and ethics in its students. This objective aligns closely with PCCOER's four-pillar philosophy, where "Social Commitment" stands as one of the fundamental pillars.

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

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

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

1

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	No File Uploaded

3.3.3 - 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

3.3.3.1 - 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

6

File Description	Documents
Reports of the event organized	No File Uploaded
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

490

File Description	Documents
Report of the event	No File Uploaded
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

2

File Description	Documents
e-copies of linkage related Document	No File Uploaded
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

16

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	No File Uploaded
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.

Institute has the essential infrastructure required to fulfill the norms laid by the AICTE, NBA, NAAC, NIRF, DTE, SPPU and several additional facilities for effective Teaching-Learning (TL) process, and Research and development activities.

The physical infrastructure consists of well-maintained 20 classrooms (76sqm), 05 tutorial rooms (36sqm), 50 laboratories, 2 workshops and 02 seminar hall (600 and 200 capacity).

The overall ambiance is cheerful and conducive to learning and experimenting. Classrooms are furnished with ICT tools such as smart boards, interactive panels, and projectors seamlessly integrated with online resources and connectivity, fostering an enriched learning environment intertwined with the vast expanse of the digital realm. Each department has Departmental library, Concept/Project/sponsored labs and separate cabins for the faculty members. Laboratories are equipped with essential equipment and add-on set-ups, which

are regularly calibrated. Institute also has Departmental centers of excellence and facilities to enhance the learning experience. Workshop consists of adequate facilities such as milling, fitting, carpentry, welding, drilling using CNC, Centre Lathe, Bench Grinder Machine, Plastic injection molding machine etc. for imparting practical skills. Enterprise Resource Planning (ERP) is deployed for effective academic planning, execution, monitoring and analysis, for the automation of academic and administrative processes and to maintain and analyze the data. This cloud-based ERP software facilitates the computerized process for student admission, teachers-parents communication, examinations, leaves management, attendance, students' feedback, etc. PCCOE & R has 748 PC, 10 Laptops, 35 printers, 7 scanners, 17 multi functional printers and 5 color plotters.

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.

Institute has a well-established Sport section and Art circle for organizing various sports and cultural activities. Institute motivates students to take part in cultural and sports activities to develop leadership qualities, decision making abilities, team spirit, socio-psychological awareness and shapes the students into intellectually integrated persons.

Institute has well equipped indoor sport room (76sqm) and indoor gymnasium. Indoor Sports activities include carom board, chess board, table tennis, badminton, etc. Students are provided with funds for participating in intra and inter university tournaments. Annual sport competitions are organized in the Institute.

PCCOE & R has open ground (1333+8096 sqm) for outdoor sports. Necessary kit/equipment for outdoor games like Cricket, Football, Volleyball, Basketball, Badminton, etc. is provided

by Institute.

The students who represent Institute in various sports and cultural events are provided with necessary gears/materials and are felicitated at Annual Social Function.

Sense of calm, peace and balance can benefit emotional well-being and overall health of students and staff. Institute has a dedicated Yoga Center (158sqm), where regular workshops, seminars, training programmes are organized on Yogasanas, Surya-namaskar, Pranayam and Meditation. International Yoga Day is celebrated with lot of zeal and enthusiasm in the Yoga Center by students and staff under the guidance of Yoga experts.

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.

22

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

22

File Description	Documents
Upload any additional information	No File Uploaded
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)

338.28

File Description	Documents
Upload any additional information	No File Uploaded
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)

Library at PCCOE&R is a premier learning resource that facilitates transference of information to fulfill the needs of learners. Library has a basic collection of necessary resources and is continuously updated in view of changing scenarios. Library plays a leadership role in today's distributed information environment, creation, organization, dissemination in building affiliations with students and faculty members. Each Department has its own library and central library provides counsel regarding the library processes.

Circulation module is the backbone of this system for daily transaction of library resources. Barcode reader is used for fast & effective issue/return of books.

OPAC provides various search options of books by Title, Author, Publisher, Keywords, Accession number. It provides online information about the library collection, availability, status of the books etc. WEB-OPAC application is also provided for remote access.

Kiosks is made available to all the users for web-OPAC in the Library. Implementation of the newly installed RIFD system is in progress.

Every year, more than 1000 books and 45 journal subscriptions are added to the Library. Average amounts spent in last six

years on purchase of books and subscriptions are Rs. 49,31,384/- and in 2023-24, Rs. 19,21,837/-.

File Description	Documents
Upload any additional information	View File
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)	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)

19.21

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

File Description	Documents
Any additional information	View File
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

PCCOE&R prioritizes keeping faculty and students abreast of ICT developments. The campus features Wi-Fi with 500 Mbps bandwidth, 748 desktops, and Sophos Firewall XG for security. Open source and licensed software like Hit-office, language, and Multisim are available, alongside platforms like Knimbus and ScienceDirect for online literature. The institution constantly upgrades IT services to meet evolving needs. Desktop systems consist of 748 desktops and 14 laptops, mainly Dell, Lenovo, and Acer brands, with Intel Core i7 processors, 8 GB RAM, and 1 TB HDD. Classrooms are equipped with smart boards, projectors, and internet connectivity. There are 49 LCD projectors and a 2:1 system ratio in computer labs. The institute boasts 35 single printers, 17 multi-function printers, 7 scanners, 5 color printers, and 1 A3 color printer. With a 500 Mbps internet bandwidth, Wi-Fi is regularly maintained. IT infrastructure is upgraded by regularly updating software and systems, conducting semester checks, and ensuring reliable backup services for each lab.

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

4.3.2 - Number of Computers

748

File Description	Documents
Upload any additional information	View File
Student – computer ratio	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)

57.76

File Description	Documents
Upload any additional information	No File Uploaded
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.

At PCCOE&R, the meticulous management of physical, academic, and support facilities ensures optimal functionality and enhances the learning environment. Through ISO 9001-2015 certification and a commitment to continual improvement, the

institute develops cutting-edge facilities. Laboratories undergo thorough maintenance before each semester, with measures like dead stock registers and budget provisions ensuring equipment reliability. Preventive and breakdown maintenance procedures are rigorously followed, guaranteeing prompt resolution of issues. The ambience of laboratories fosters learning, with proper lighting, ventilation, and cleanliness maintained by dedicated staff. Libraries are regularly updated, and computer maintenance is efficiently handled, ensuring seamless operations. Sports facilities and canteens are overseen by specialized committees to maintain quality standards. A comprehensive infrastructure maintenance committee ensures the campus remains safe and conducive to academic pursuits. These efforts have significantly contributed to academic excellence and student success, reflected in numerous achievements such as top-ranking students and innovative ventures.

File Description	Documents
Upload any additional information	View File
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

1123

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 benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

16

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	Nil
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

292

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

292

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

<p>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</p>	<p>A. All of the above</p>
--	----------------------------

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	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	
220	
File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	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	
11	
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	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	
27	
File Description	Documents
Upload supporting data for the same	View File
Any additional information	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.

8

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
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)

The aim of promoting students representation and engagement in various administrative, co-curricular and extracurricular activities is to involve the students in policy making process as well as maintaining the transparency in the system. It helps in comprehensive development of the students. Various committees are formed at institute/department level and majority of them are given below.

1. **Students' Council:** Under section 40(3) of Maharashtra Universities act, 1994, this council is established every year in the Institute and it performs its prescribed duties.
2. **Student Grievance and Redressal:** This committee addresses student grievances and maintains harmony and discipline among the students.
3. **Gender Equality:** The broad mandate of the cell is to provide an integrated and interdisciplinary approach to understanding social and cultural constructions of gender that shape the experiences of women and men in society.
4. **Ant-Ragging:** This committee ensures zero ragging incidents in the institute and also spreads awareness among students against any type of ragging activities.

5. Cultural and sports Activities: This committee co-ordinates various cultural activities and events throughout the year. This provides platform to the students to organise and participate activities through various event.

6. Department/ College Magazine: Our annual magazine published by Magazine committee at college level. Students express their talent in the form of articles, poetry, interviews of eminent personalities etc. Each department publish their own magazine where student committees play active roles in magazine publishing process.

File Description	Documents
Paste link for additional information	https://www.pccoer.com/statutorycommittees.php#
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

9

File Description	Documents
Report of the event	No File Uploaded
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

PCCOE&R was established in 2014, with its first graduating batch passing out in 2018. To date, Six batches comprising approximately 2,150 alumni have graduated. The alumni maintain strong connections with PCCOE&R and their respective departments.

The institute has a registered Alumni Association (Registration Number: MH/13/6/2019/Pune). This association serves as a platform to unite alumni, enabling them to share experiences, extend support, and provide valuable guidance to current students.

In addition to the association, alumni have formed groups in various locations, including the USA, Japan, Pune, and more. To facilitate alumni registration, a dedicated portal, Alma Connect, has been created.

Despite being relatively young, our alumni have secured prominent roles such as Managers, Design Engineers, Entrepreneurs, and Plant Heads in leading multinational corporations, public sector enterprises, and government organizations at the global, national, and state levels.

The institute organizes an annual alumni meet, which typically sees over 300 participants. During these events, alumni interact with students, faculty, and management, sharing their ideas to enhance the overall growth of the institute and its departments.

Many alumni are active members of the Department Advisory Board (DAB) and College Development Committee (CDC). Beyond the annual meet, alumni frequently visit the campus throughout the academic year, contributing through guest lectures, seminars, workshops, and supporting industry visits and internships.

Alumni actively support students by sponsoring projects and competitions, providing technological resources, and offering expert guidance. Their feedback is invaluable for infrastructure development and academic enhancements, including identifying syllabus gaps to align with industry demands.

File Description	Documents
Paste link for additional information	https://www.pccoer.com/alumni.php
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	E. <1Lakhs
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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

PCCOE&R is governed by its Vision and Mission. The Vision and Mission have been developed with the active participation of all internal members and stakeholders. It is set taking into consideration the present day technical needs of the society and forecasting the future requirements in various technological fields so as to become an element in the growth of the society and nation. The statement of vision and mission was formed by considering the perspective of

The PCET Trust Vision Mission, PCCOE

Vision Mission Suggestions received from Stakeholders (GB & CDC Members)

Considered HoD's Views

Need of nearby Society

The statement of vision and mission was approved in GB and CDC Meeting Vision of the Institute To be a Premier Institute of technical education and research to serve the need of society and all the stakeholders. Mission of the Institute To establish state-of-the-art facilities to create an environment resulting in individuals who are technically sound having professionalism, research and innovative

aptitude with high moral and ethical values.

In line with Vision and Mission, PCCOE&R has defined four pillar philosophy as illustrated below; 1. Academic Excellence 2. Research and Innovation 3. Professional Competence 4. Social Commitment

File Description	Documents
Paste link for additional information	Nil
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 governing body (GB) is supreme and is stakeholder in articulating the organization Vision and Mission and major policy decisions. The GB has been formed as per AICTE norms involving all stake holders. Every year, at least two meetings are held. The College Development Committee (CDC) is operating in accordance with Section 97 of the Maharashtra Public University Act 2016.

CDC has representation of all HoDs, faculty members, supporting staff and students representative. It regularly reviews and monitors the overall development of the institute. It meets three times a year. The review is conducted on Academics, Financial Planning, Utilization and Administration. Internal Quality Assurance Cell (IQAC) has been formed as per NAAC guidelines. It has representation from all staff. It gives guidelines about the overall audit of the Institute, particularly on academic front. IQAC decided to obtain ISO certification for achieving quality and excellence in the overall functions. ISO certification was obtained from TUV NORD and PCCOE&R is functioning as per the ISO standards. PDCA cycle is followed in the ISO 2018 process. 36 different portfolios have been formed to provide decentralized administration. Faculty members are portfolio in-charges and faculties and supporting staff are representing their departments.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

At PCCOE&R, since it's inception for the period of initial three years (2014-2017), the institute has kept the initial goals of developing its infrastructure as per the norms and streamlining the various processes viz., academic, administrative and overall quality assurance in terms of students intake and desired outcome. The Institute Strategic Plan, encompassing the period 2017-2027 was prepared by involving all HODs and approved in the Governing Body Meeting on 17th March 2017 and inputs have been obtained about implementation and improvement in the quality of the four pillars of PCCOE&R.. This strategic plan is intended to steer the steady improvement of the institute's educational, research and development, organizational and infrastructure initiatives. This strategic plan is included with the institute's short term and long term goals. All stakeholders were urged to understand the complete strategic plan and were appealed to get involved in effective deployment of the same. Every year, during GB meetings, regular review on various aspects of the strategic plan is taken.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
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.

At PCCOE&R the Governing Body (GB) is the highest decisionmaking body constituting members from the Management, Principal and nominated faculty members. Another apexcommittee, College Development Committee (CDC) includesmembers from the Management, members from industries, Principal, society representatives, three members electedfrom teaching faculty, one member of non-teaching staff andstudent representatives. Each department has a Department Advisory Board (DAB), aProgram Assessment Committee (PAC) and Department levelportfolios/committees for effective implementation ofpolicies. PCCOE&R has some additional policies as recommended by GB,CDC and PCET. The Service Rules, Code of Conduct, Ordinances,Procedure, Recruitment policies and promotional policies aregoverned by the Maharashtra University Act, 2016, UniversityStatutes and AICTE.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	https://pccoer.com/NAAC_AQAR/CR6/6.1/6.1.2/PCCOER%20Organization%20Chart.jpg
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	No File Uploaded
Screen shots of user interfaces	View File
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

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

- Eligible staff as per the Staffs' Provident Fund legislation is given EPF. Equal contribution of Rs. 1800/- per person per month by PCCOE&R and individual staff is done. Institute has a gratuity scheme.
- Institute has a gratuity scheme.
- The employees are provided Group Insurance cover from LIC.
- Retirement benefits are provided to staff members as per EPF norms.
- Seventh Pay implemented
- Around 95% faculty is on AICTE/DTE recommended pay scale.
- The salary has always been regular and never been delayed.
- Over and above the leaves that come under Institute Policy (Casual/Vacation/Earned/ Medical/Maternity/On-duty) faculty and staff members are given special leaves under singular situations.
- A special fund called Gangaajali is raised, which is used in case a staff member has acute financial issues.
- It is the strategy of PCCOE&R to promote internal eligible candidates rather than employing outside talent.
- Staff Development and Welfare Cell takes various initiatives for staff welfare. Several programmes like get together, cultural programme, Yoga sessions, picnics are organized annually.
- The staff received the award from the institute for publishing their paper.
- The staff received the fund for Patent Grant and Registration fees for paper publication.

File Description	Documents
Paste link for additional information	Nil
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

29

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

06

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

70

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

Appraisal System

PCCOE&R follows a systematic Performance Appraisal System for teaching and non-teaching staff. Institute has designed a Self Appraisal Form (SAF). SAF is shared with staff well in advance. Institution evaluates teaching staff on four categories viz. teaching-learning-evaluation, co-curricular and extension activities, research, professional development and special achievement. Due importance is given to all the activities. PCCOE&R evaluates non-teaching staff on professional competence, responsibility, attendance, punctuality, discipline, interaction with colleagues, etc. A structured SAF is used for this purpose, wherein they give the details of their performance and participation in all the activities. Concerned HOD gives their remarks on the performance of the faculty member. Principal gives his remarks and suggestions to each staff member after personal interaction. Additional Increment is introduced while awarding annual increments. HoDs and Principal evaluate the faculty members and staff by merit rating based on their performance and have one-to-one interaction. For non-teaching staff, increment is given based on their performance in the

department, upgradation in qualification, interpersonal behavior and punctuality. Above welfare measures and appraisal system has helped the Institution to positively motivate all the employees and to identify and reward meritorious ones. It has also motivated staff and students to perform progressively on all four pillar fronts.

File Description	Documents
Paste link for additional information	Nil
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

Financial audits: To ensure transparency and regular monitoring, income, expenditure and balance of funds audit is conducted every 3 months and also reviewed in CDC meetings. Transparent financial system has been maintained in the Institution. There are well defined policies regarding sanction of financial budget, approval of purchases and audits. An external auditor appointed by the trust executes the statutory audit quarterly as well as at the end of the financial year. The report is made available on the college website to maintain transparency. No major objections have been found in the audit by the statutory auditors and minor audit suggestions are complied as per procedure. Some key features are;

- The fees have been increased from Rs.60,000 to Rs.1,21,000 (2014 to 2024).
- Expenditure has increased.
- Utilization is more than 95% (100.58% budget is utilized during FY 2022-23).
- Salary budget is consistently around 60%.

File Description	Documents
Paste link for additional information	Nil
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	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

PCCOE&R has strategy and financial policy which ensure effective and appropriate utilization of finances. There is a standardized budget for all recurring/nonrecurring expenditure. Accounts section, departments and portfolio in-charges are involved in preparation, allocation and mobilization of budget before the financial year. • Annual requirement for the Department is prepared by Head of Department (HoD) after taking inputs from faculty. • HoD, after discussion with the Principal, finalizes the budget and submits it to the Principal. • On approval in CDC, the account section issues the approved budget to the Department. • On receiving the approved budget, the Department initiates the purchase process. Institute has a defined and documented procedure to make effective and efficient utilization of available financial resources for infrastructure development and academic processes. Principal and HoDs have a financial authority of Rs.1,00,000/- and Rs.20,000/- respectively. Purchase Committee members handle various activities in the purchase process to ensure that suitable equipment with the right specifications is procured at an optimal price. Financial support is also provided for participation of students at various National and International level events.

File Description	Documents
Paste link for additional information	Nil
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

To provide quality education is the prime goal of PCCOE&R. We have drafted quality policy and defined goals which are reviewed in view of continuous improvement towards holistic development of students, faculties and stakeholders and altogether PCCOE&R. The Institute follows PDCA (Plan-Do-Check- Act) mechanism for academic and admin audit. Internal Quality Assurance Cell (IQAC) was constituted in 2018. PCCOE&R has a defined Quality Policy approved by IQAC with effective participation from all the stakeholders. IQAC meets twice in a year to review the Academic and Administration systems and their progress. It was decided to apply for NAAC/NBA accreditation on being eligible as per the inputs provided by IQAC. Quality Policy: Develop our Institute as premier Institute of technical education and research as per the needs and expectations of all stake-holders. Comply with all applicable requirements and expectations. Continual improvement in infrastructure and quality management system. We shall strive to maintain conducive learning environment and student's overall development with high moral and ethical values. IQAC recommended to apply for ISO Certification and Institute got ISO Certification by TUV NORD in the academic year 2018-19. Since then regular audits are done and reviews are taken by the IQAC.

File Description	Documents
Paste link for additional information	Nil
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

An Academic Monitoring and Control Committee (AMC) have been formed with Coordinators from all departments and conducts academic review meeting before commencement of semester. AMC conducts three academic reviews in a semester to ensure smooth conduction of Teaching Learning process. Once in a year, External Academic Audit is conducted by academicians from other Institutes and the audit report is discussed in IQAC. As per ISO guidelines, internal audits and Management Review Meetings (MRM) are conducted and at the end of academic year, surveillance audit is carried out. Seven sections viz. academic, administration, library, security, workshop, training and placement, student development welfare are audited under ISO. Continuous improvement is achieved through periodic audits satisfying statutory requirements. The recommendations and guidelines provided by the College Development Committee (CDC), Governing Body (GB) and Department Advisory Board (DAB) are implemented effectively in coordination with the IQAC. Various initiatives taken under IQAC are as follows; 1. Roles and Responsibilities of departmental portfolios 2. Development of quality culture in the Institute in association with the Quality Circle Forum of India 3. Academic Monitoring Control 4. Academic Review Meetings 5. ISO Process initiation 6. Academic and Administrative Audit 7. NAAC/NBA Accreditation 8. Strengthening of Industry Institute Interaction.

File Description	Documents
Paste link for additional information	Nil
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	Nil
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

PCCOER has implemented several initiatives to promote gender equity. The institute is committed to advancing higher education and empowering women through equitable practices. It fosters a culture of equal opportunities for individuals across all roles and genders, which is evident in its academics, administration, and various activities.

The institution actively promotes gender equity among students through webinars, seminars, counseling, and guidance sessions. Women's Day is celebrated annually, encouraging staff to facilitate discussions on the importance of gender equity in building a progressive society. Female students receive encouragement and support for academic, co-curricular, and extracurricular activities through the Women Empowerment Cell. Additionally, a professional counselor provides assistance for issues such as depression, anxiety, distress, phobias, and panic.

The institute conducts various programs under NSS to raise awareness among students about gender equity. Each year, a seven-day camp is organized in villages, where both male and female students actively participate and contribute equally to a range of activities.

Separate Girls and Boys Common Rooms have been provided. Sanitary Napkin vending and Disposal machine is available in

the ladies toilet. The institute provides maternity leave. Faculty with infant babies are allowed to visit their homes during working hours.

File Description	Documents
Annual gender sensitization action plan	https://pccoer.com/NAAC_AQAR_2025/CR7/7.1.1/7.1.1%20a%20Annual%20gender%20sensitization%20action%20plan.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://pccoer.com/NAAC_AQAR_2025/CR7/7.1.1/7.1.1%20b%20Facilities%20for%20Women%20(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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
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

The Institute is committed to creating an eco-friendly campus. The campus is kept clean & tidy and full of greenery.

I) Solid waste management:

Institute practices the segregation of solid waste and its effective management in the campus. The separate bins for dry

and wet waste are used. The dry and wet waste is handed over to the municipal waste collection agency for further treatment on a regular visit .

II) Liquid waste management:

All the toilets and bathrooms waste water lines are directly connected to the municipal drainage system The tanks are regularly cleaned by external agencies to avoid stagnation of water.

IV) E-waste management:

PCCOER generates E-waste and collects from each department and gives it to approved suppliers once a year for disposal. For both small and large projects, students are urged to incorporate repurposed electrical components from e-waste.

v) Waste recycling system:

Vermi composting plant is there for digesting and to convert it into manure for the waste generated from the canteen.

VI) Hazardous waste management:

The Chemistry and Environmental laboratory has a limited quantity of hazardous chemicals which is properly stored and maintained. Fire extinguisher and fire fighting system provision for every building.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	Nil
Any other relevant information	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 water recycling Maintenance of water

A. Any 4 or all of the above

bodies and distribution system in the campus	
File Description	Documents
Geo tagged photographs / videos of the facilities	View File
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:	A. Any 4 or All of the above
<ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3. Pedestrian Friendly pathways 4. Ban on use of Plastic 5. landscaping with trees and plants 	
File Description	Documents
Geo tagged photos / videos of the facilities	View File
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	View File
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

<p>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</p>	<p>A. Any 4 or all of the above</p>
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File Description	Documents
Geo tagged photographs / videos of the facilities	View File
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).

PCCOE&R is governed by PCET trust, whose objective is to

provide value-based quality education. Vision & Mission of PCCOE&R are on same line.

Students and staff from different cultural/regional/religious/linguistic/socioeconomic backgrounds work together as a team in a cohesive working environment.

Institute has Uniform for All students and faculties. There has not been a single incidence of any kind of disparity/discrimination among staff and students.

Institute Celebrates National Unity Day, Regional Language Day ,International Yoga Day. Republic Day and Independence Day are enthusiastically celebrated and various cultural programs are organized. Persons who have contributed selflessly and without discrimination are honored.

On Women's Day, Institute organizes workshops to raise awareness of women's rights, safety, security and health issues. Visits to orphanage and old-age homes are organized.

Earn & Learn Scheme is effectively implemented for economically weaker students. Institute Implements the government scheme and scholarships.

The campus is entirely Ragging-free. Anti-ragging Committee proactively monitors student behavior on academic campus and hostels.

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	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

Mission statement of PCCOE&R includes keywords like High Moral and Ethical Values.

A typical day at the Institute begins with National Anthem, followed by ten minutes Vertical Yoga. Institute Celebrates National Unity Day, Environmental Day, Regional Language Day.

Experts on Constitution and obligations are invited to speak. Institute hosts a blood donation camp to educate and inspire the public, students and staff to donate blood.

Republic Day and Independence Day are enthusiastically celebrated.

Students undergo Audit course on Professional Ethics & Values. In Induction Programme, sessions on human values and guest talks on constitution, social, environmental and value-based topics. are organized.

To raise awareness about the importance of nature in our lives, PCCOE&R organizes activities such as tree planting, Swachha Pakhawada Abhiyan etc.

A one-week Special Winter Camp in rural areas is organized by NSS and women's empowerment through community-based events like Beti Bachao, Beti Padhao and street plays are conducted.

Faculties and students celebrated Meri Matti Mera Desh Event .Active participation was seen in initiatives like ISKCON Food Packing Activity and Voter Registration Activity

The campus is entirely Ragging-free. Tobacco chewing, smoking, consumption of alcohol and drugs is totally banned on campus.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	No File Uploaded

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

B. Any 3 of the above

on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

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	No File Uploaded

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

Institution celebrates the National and International festivals to inculcate values, ethics, social responsibilities and global awareness among students and staff.

Institute hosts Independence Day and Republic Day celebration, followed by patriotic cultural events. Institute enthusiastically observes the birthdays of National Heroes . Swachh Bharat Abhiyan Promise, Unity Oath and number of other programmes are organized as directed by AICTE/DTE/SPPU. Engineer's Day is observed in the memory of Bharatratna Dr. Mokshagundam Visvesvaraya.

Institute observes International Yoga Day on 21st June each year. Environmental Day, Teacher's Day ,Major festivals like Ganesh Festival ,Khandenavmi and Diwali are observed by PCCOE&R.

As per SPPU circular 27th February is observed as Marathi Bhasha Diwas (Regional Language Day) to commemorate the birthday of illustrious Marathi poet Kusumagraj. Various

Activities are organized by the Art-Circle. On 28th February, the Institute celebrates National science day by organizing a poster competition.

Expression, the yearly social gathering, includes singing, dancing, fashion shows, dramas, musical instrument performances, traditional days, etc. Naad-Brahma, a performing arts event dedicated to traditional/classical music is organized annually.

Under the faculty development cell Institute organizes a cultural festival especially for faculty and staff .Numerous additional activities are also carried out .

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	View File
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.

1. Title: Empowering Engineering Excellence Through Research Funding

Objectives

Research funding advances knowledge, solves problems, drives growth, fosters innovation, and encourages collaboration.

The Context:

Align research funding priorities with the institute's goals, such as advancing knowledge and addressing societal and global challenges.

The Practice:

The R&D cell ensures a proper approval process for financial assistance .

Evidence of Success:

Increased publication output, improved quality, and enhanced institutional reputation.

A.Y. SCI PUBLICATION SCOPUS PUBLICATION PATENT 2023-2024 8 33
19

Problems encountered and resources required:

Research funding challenges include limited funds from the sponsored organizations, low awareness, quality issues, predatory publishing, lack of acknowledgment, and monitoring difficulties.

2. Title: Project Based Learning

PBL nurtures innovation, aligns with outcomes, enhances engineering knowledge.

Objectives:

Promote problem-solving, teamwork, critical thinking, research alignment with trends.

The Context:

PBL develops competencies, encourages community involvement, links curriculum to real-world requirements

The Practice: PBL trains students for industry, research, and entrepreneurship from first to final year .

Evidence of Success

PBL enhances the quality of final year projects, research papers, awards, and participation in national competitions.

Problems encountered and resource required:

Students with limited research exposure use departmental labs and innovation centers for projects, with financial support for materials.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	No File Uploaded

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 thrust area of the Institute, besides strong academics, has always been Research, Innovation, Publications, Patents, Copyrights, in general, Intellectual Property (IP).

PCCOE&R has cultivated IPR culture right from its inception. Special attention and efforts/activities are taken in PCCOE&R to inculcate IP culture. Session on Intellectual Property (IP) is conducted during Induction Programme for First Year and Direct Second Year lateral entry students. All students are motivated to learn about IPR and its processing. Institute provides financial sponsorship for filing IPR like patent, copyright, etc

Objectives of IPR Cell: The main objective is to create an environment conducive to innovation, convert innovation into IPR and finally bridge the gap between inventor and investor in view of technology transfer.

Institute Policies and Support to Promote IP:

Institute has an independent Innovation Cell through which students and faculty are encouraged to file a copyright/patent/trademark on the concept/product/design/software developed. To instill the IP culture, the Institute has formulated several policies.

Impacts & Achievements: Following impacts/achievements of the consistent efforts about IP related initiatives are observed (thorough details given in attached documents);

- o Number of Copyrights filed: 143
- o Number of Patents filed: 14
- o Number of Patents granted: 05

- Quality of projects is improved which has led to CO-PO attainment.

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

7.3.2 - Plan of action for the next academic year

To plan faculty development workshops to acquaint recently hired professors with the procedures followed by the Institute.

To organize different quality improvement programs in association with SPPU, AICTE and other different external funding agencies for students and faculty members.

To increase the number of research proposals and encourage academic staff to submit applications for various scopus/SCI approved research publications.

To apply for Autonomy.

To conduct webinars and FDP's for awareness regarding autonomy of the institute.

To conduct a quality improvement program to create awareness about National Education Policy (NEP) and its implementation.