



YEARLY STATUS REPORT - 2022-2023

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/academic-calendars.php>

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

8.Whether composition of IQAC as per latest NAAC guidelines

Yes

- Upload latest notification of formation of

[View File](#)

IQAC

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.

Application and preparation for NAAC certification.

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.

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
To improve the teaching learning process by adopting various pedagogies and blended teaching learning techniques.	Different ICT tools used as teaching methodology which helped students in learning the concept in their leisure time.
Application for ranking under NIRF, CSR and CII will be initiated.	NIRF and other relevant ranking applied.
Institute has plan to increase publication in SCI/Scopus/UGC listed journal.	New Policy of providing special incentive to first author of research paper publication published in SCI/Scopus/UGC have been framed.
To conduct external academic audits for quality improvement.	External Audit helped the department to understand its weaknesses, strengths, and scope for improvement.

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

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

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• Name of the Head of the institution	Dr Harish Umashankar Tiwari
• Designation	Principal
• Does the institution function from its own campus?	Yes
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Cycle 1	A++	3.54	2023	19/05/2023	18/05/2028
6.Date of Establishment of IQAC			12/03/2018		
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Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
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8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
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9.No. of IQAC meetings held during the year			2		

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<p>The academic and extracurricular activities are planned and completed effectively for student's knowledge, skills and values development.</p>		
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Empty space for plan and outcome		

Plan of Action	Achievements/Outcomes
To improve the teaching learning process by adopting various pedagogies and blended teaching learning techniques.	Different ICT tools used as teaching methodology which helped students in learning the concept in their leisure time.
Application for ranking under NIRF, CSR and CII will be initiated.	NIRF and other relevant ranking applied.
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- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2021-2022	29/12/2022

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):

PCCOE&R is affiliated to Savitribai Phule Pune University (SPPU) and is governed by SPPU as regards curricula, examination and evaluation. PCCOE&R will make all the necessary provisions of the Academic Bank of Credits, benefit of multiple entries and exits, as soon as instructed by SPPU. Also, it is proposed by PCCOE&R to apply for academic Autonomy in near future and in case it is sanctioned, the Institute shall definitely make all the arrangements to include clauses in NEP in its curriculum structure. Pimpri Chinchwad Trust (PCET) is coming up with Pimpri Chinchwad University and the International Relations Cell of PCET is taking exhaustive efforts to make tie-ups with foreign universities so as to facilitate students' exchange programme, joint degrees and credit transfers. Till date, MoUs on various collaboration aspects with have been signed 23 foreign universities. Due to continuous advancement in technology, faculties endeavor to give contents beyond syllabus (CBS) to the students through extra/value added courses. Faculties design and disseminate the content of these add-on courses either themselves or by inviting an expert from industry. ICT tools and innovative techniques like flipped classroom, participative learning, etc are used to discuss CBS. Assignments on the value added courses are designed by the course in-charge. Students' feedback of such course is taken so as to evaluate the need and worth of the course.

17.Skill development:

Knowledge, skills, attitude and behavior are the graduate attributes defined by AICTE and skills development in students and faculty has always been the major focus of PCCOE&R right from its inception. Many initiatives like internship, industrial training, PBL etc were taken by PCCO&R much before, these were included in the curriculum by the University. Faculty members at PCCOE&R are encouraged to undergo industrial training, STTP, FDP and certification courses like NPTEL. Students are also encouraged to enhance their knowledge and skills by undergoing online/offline certification courses. Registrations fees are reimbursed by the Institute for the successful faculty members and students. 100% students of PCCOE&R undergo industrial internships. Hands-on experience in internships enhances

students' technical skills, interpersonal skills and professionalism. For academic and administrative processes like teaching/learning, monitoring, evaluation, feedbacks, etc., the Institute has an efficient Enterprise Resource Planning (ERP) system, which is used by faculty, staff and students. PCCOE&R is endeavoring to achieve paper-less, sustainable and environmentfriendly processes. Faculty and students are provided with various ICT tools like smart-boards, projectors, computational systems, audio-visual aid in the classrooms and laboratories. Students also make use of virtual labs. Institute also has Divyang (speciallyable) friendly NVDA software. The Institute has sufficient mechanical workshop area with all the conventional and modern machinery as well as skilled trainers. Various sections like carpentry, tin smithy, machine shop, welding, fitting, CNC etc. are well-equipped. Institute is thus well-prepared to offer a variety of vocational courses. Presently, right from First Year, students are undergoing hands-on training in workshop. Workshop practice is a credit course common for all branches of First Year and later on for Mechanical Discipline.

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

Every day, academic sessions in PCCOE&R begin with National Anthem. The National Anthem is followed by a 10 minute Yoga Session in every classroom/laboratory. NSS Cell celebrates Independence Day and Republic Day on large scales. A special Commemoration Committee organizes and celebrates birth and death anniversaries of all the Freedom Fighters and Social Workers. During the Mentor-mentee meetings, faculties discuss stories from history and ancient history (mythology) so as to make the students aware of our rich heritage and culture. Anecdotes from Ramayan, Mahabharat, Shivcharitra and even from fictional compilations like Panch-tantra, Isapniti are narrated so as to teach the students valor and wisdom. The annual social event titled Expression has a special section called Naadbrahma, which is dedicated to the Indian Classical Music. It showcases classical and semiclassical singing, Bharatnatyam, Kathak and regional/folk dances, Instrument Playing talents of students and staff. Expression also showcases Rangaawali and Painting talents of the students. Lantern-making, Fort-making, Ganesh Idol making competitions are also held by the Art Circle during Deepawali and Ganesh Festival. Celebration of Shivjayanti sees the traditional Dhol-Tasha performnce and procession. Though the medium of communication is English and students have to appear for SPPU

examinations in English language itself, faculty use vernacular language (Marathi) or Hindi at times to make a singularly difficult concept simple to understand. Regional languages are deliberately used while mentoring the students' group in Mentor-mentee meetings or while addressing academic/personal queries raised by students. This ensures a cozy and at-home atmosphere and enables a more heart-to-heart talk. In the online regular/extra/add-on/weak-learners lectures, there are limitations on use of video due to band-width limitations at students' end. Thus, many communication modes otherwise available in offline mode, like facial expressions and gestures are disabled and that makes it difficult for the students to understand the tough concepts when discussed entirely in English. Hence, Instructors engaging the lectures in online mode disseminate the information in vernacular language (Marathi or Hindi).

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

All UG programmes of PCCOE&R viz. Civil, Computer, ENTC and Mechanical Engineering are NBA accredited. PCCOE&R believes in studentcentric Four-Pillar philosophy, which includes Academic excellence, Professional Competency, Research and innovations and Social Commitment. PCCOE&R Four-Pillar philosophy is aligned with AICTE's Outcome Based Education (OBE) attributes, viz. Knowledge, Skill, Behavior and Attitude. Students are trained from the very First Year up to Final Year keeping in mind the probable walk of career they would choose, viz. Employment, Higher Studies and Entrepreneurship. Academic excellence has always been a strong focus of PCCOE&R. A structured process certified by ISO 9001:2015 is followed while executing knowledge dissemination and evaluation tasks. In academics, PCCOE&R results are among the best five at the SPPU level. In a short span of 7 years, PCCOE&R has already produced 9 rankers in SPPU. The Institute has an environment conducive to Research and Innovation. Students of PCCOE&R undergo Project/Problem Based Learning from their very First Year. Students are encouraged to procure sponsored projects based on real life industrial and social problems. Plagiarism check and publications on the project are mandatory for the students. PCCOE&R holds three world records for filing maximum copyrights and patents. A unique copyrighted National Conference on IPR called CIPCIS to bring inventors and investors on a common platform. Students are carefully groomed in soft-skills like communication, aptitude, interviews, GD, etc. As a result of the rigorous training given, the placement of PCCOE&R has been more than 75% for the passed out batches, including a few

International placements. Higher studies Cell at PCCOE&R ensures that students get all the necessary information, resources and guidance for appearing for competitive examinations and for higher studies. As a result, 80 passed out students are at present pursuing their higher studies. The International Relations Cell organizes seminars and conducts Foreign Universities Internship/Summer-school excursions and gives guidance regarding research studies for students and faculties. The Incubation and Entrepreneurship Cell organizes talks of experts for the students to understand challenges, legal formalities and resources for start-ups and provides space, funds, advice and IP consultation for the budding entrepreneurs. The focus of PCCOE&R is on producing Engineering Professionals with high moral and ethical values. Every day, the academic sessions begin with National Anthem, which is immediately followed by a 10-minute Yoga Session. The Commemoration committee celebrates birth and death anniversaries of freedom fighters and social workers. NSS celebrates Independence Day and Republic Day with dedication and patriotism. Cultural festivals like Shri Ganesh Chaturthi, Deepawali etc. are celebrated by all the students and faculty together. Design-courses in the SPPU syllabus, PBL, Internships, Projects, Plagiarism-checking, Patent and copyright filing, publishing research articles make the students aware of the professional ethics and obligations. Audit courses on social and ethical aspects are discussed rigorously. Through NSS and Mentoring scheme, several outreach and social events are organized so that the students develop and nourish a sense of social commitment. Foreign University Summerschool programmes offered by the International Relations Cell give our students exposure to global culture and professionalism.

20.Distance education/online education:

PCCOE&R is affiliated to Savitribai Phule Pune University (SPPU) and is governed by SPPU as regards syllabus, instructions, examination and evaluation. The four years undergraduate full-time programmes in Civil, Computer, ENTC and Mechanical Engineering offered by PCCOE&R are to be completed in offline, physical, on-campus mode and there is no provision or feasibility of distance education. During pandemic, all the academic activities like lecture-practical-tutorial delivery, theory and viva-voce examinations, mentor meetings, projects, seminars, etc were being conducted purely in online mode using platforms like Google Meet. Google classroom was used for circulation of study material. The online lectures delivered then have been made available as video lectures on YouTube channels and blogs created

by the faculty members for anyone to refer to. E-journal, e-books, journals, Turnitin and many other resources from library too were made accessible from home. Further, many faculty members from PCCOE&R floated outreach programmes in which, the course contents were delivered in online mode for students all over the state. As the students from many Institutions and Universities were not receiving proper tuitions in pandemic, these programmes received good response from students and even course faculty members. This has indirectly led to Open Distance Learning (ODL). Thus, PCCOE&R and its faculty are well-prepared to offer ODL to become a multidisciplinary HEI. As on date too, the faculty members are delivering a portion of their curriculum in online mode. Content beyond syllabus, tutorials, extra lectures, audit courses and honors courses by industry experts are nearly always conducted in online mode. The Institute has conducted many co-curricular and extra-curricular events like First Year Induction Programme, signature National Conference CIPCIS, technical competition Technovate, cultural events Expression and Indradhanu and Departmental Students' Association events in online mode. Faculty members of PCCOE&R have been enthusiastically involved in delivering on-line talks on Intellectual Property Rights, How to File a Patent, How to File a Copyright, How to Write an SoP, Being Evergreen Forever, Positive Thinking, Pranayam and SuryaNamaskaar, Veer sawarkar's Hinduism etc. Later, as the pandemic receded, PCCOE&R began to conduct all the curricular, co-curricular and extra-curricular activities in hybrid (offline-online simultaneously) mode.

Extended Profile

1.Programme

1.1 264

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

File Description	Documents
Data Template	View File

2.Student

2.1 1626

Number of students during the year

File Description	Documents
Data Template	View File

2.2 231

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

File Description	Documents
Data Template	View File

2.3 398

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1 79

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2 88

Number of Sanctioned posts during the year

Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	264
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	1626
File Description	Documents
Data Template	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	231
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	398
File Description	Documents
Data Template	View File
3.Academic	
3.1 Number of full time teachers during the year	79
File Description	Documents
Data Template	View File

3.2	88
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	759.44
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	664
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

Academic excellence is an important pillar of Four-Pillar-Philosophy of PCCOE&R. Institute is committed to conduct all academic tasks in line with the Plan-Do-Check-Act cycle.

According to the inputs given by Internal Quality Assurance Cell (IQAC), Academic Monitoring and Control Committee (AMC), Departmental Advisory Board (DAB) and other stakeholders, curricular/co- curricular/extra-curricular activities are scheduled in Institutional and Departmental activity calendar.

Departmental activity calendar is shared with students and faculty members well before the start of semester.

HOD assigns subject to faculties as per their expertise and preference. Time table is prepared to fulfill the subject-wise structure provided by Savitribai phule Pune University (SPPU).

Faculties prepare teaching plans which includes content beyond syllabus, course files and laboratory manuals. Academic monthly review by the AMC is an integral part of the teaching learning process, which ensures progress of curricula. Every year, External academic review is done and detailed reviews are sought to ensure continuous improvement.

Attendance is noted daily and progress of students is monitored regularly.

Feedback from Student is taken twice in semester and other stakeholders once in a year through ERP/physically.

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 the academic calendar is monitored through course file verification, ARM Meetings, Faculty meetings, Feedback on syllabus.

Continuous Assessment is done to improve overall performance in internal and external examinations.

Continuous Internal Assessment for Practical, Term-work, Projects, Seminars, internal examination, assignment is conducted and assessed by well-defined rubrics and is monitored by Departmental Academic Coordinator (DAC). Internal Evaluation is carried out with respect to following points:

- Unit tests and Prelim examinations are conducted every semester. Test papers are set using Unit-wise COs and BT levels and answers are evaluated. Students who scored less are asked to complete additional tasks.
- Assignment is given after completion of every unit and is assessed based on timely submission and quality of answers.
- Mock project review is organized twice in each semester for Final year. Final Review assessment is done by an external

examiner.

- Students are assessed on all possible platforms and internal marks are given as per their performance in internal tests, assignments, mock oral, mock practical, mock project review and in active participation in technical, non-technical events.

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)

11

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

1280

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

1280

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 incorporates Professional Ethics in the enlisted courses:

- **Advanced Concrete Technology: Applying ethical principles and professional codes in designs and value addition courses.**
- **Quantity Survey Contracts & Tenders: Applying ethical principles and professional codes for various projects.**
- **PBL including BE projects address through plagiarism.**

The curriculum has incorporated Human Values issues in a few courses as below:

- **Leadership and Personality Development: To develop and nurture the soft skills of the students through individual and group activities, to develop and nurture the soft skills of the students through individual and group activities, to develop and nurture the soft skills of the students through individual and group activities.**

The curriculum has incorporated Environment and Sustainability issues in the courses below:

- **Ecology and Environment: This course highlights maximum use of renewable energy sources. Importance of energy conservation and management: Environmental Issues and Disaster Management): This course highlights different environmental issues and strategies for disaster management.**

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

1613

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)	View File

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

420

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

198

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

Categorization of students is done on the basis of following:

- Based on performance in Unit Test of respective subjects.
- Academic performance of students in preceding university examination (50 %).
- Class observation and input from previous faculty (25 %).

Marks obtained by the students in prerequisite objective type test/prerequisite class test based on conducted for respective subject (25 %).

The students securing the marks less than 40% are identified as Slow Learners and the students securing marks above 90% are identified as Advanced Learners.

The Slow Learner Students are identified from their very passive and dull participation in classroom discussion, performance in the unit tests, oral examination, university examinations, etc.

Every course coordinator prepares action plan for his/her course from the data of result analysis of university examination and takes action such as remedial classes, counseling, by informing to parents of the student.

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
1619	79

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 boasts a proficient faculty adept in modern ICT tools, actively utilizing them to manage information and enhance teaching quality. They continuously refine their expertise through diverse faculty development programs. Equipped with smart boards, projectors, and internet access in every classroom, the institute employs student-centred methodologies, including traditional and innovative approaches like experiential and problem-solving techniques tailored to diverse learning styles.

Students benefit from hands-on learning experiences such as dissertations, internships, and projects, fostering technological and managerial insights. Faculty leverage ICT tools like blogs and Google Classroom for resource sharing, while Flipped Classroom activities bolster student engagement. Encouraging involvement in supplementary courses like NPTEL and Coursera, PCCOE&R offers platforms like SAE-BAJA and TIFAN for collaborative skill development.

Real-world industry scenarios immerse students in problem-solving contexts, supplemented by interactive platforms like Knimbus and exambuzz.com for skill refinement. Seminars deepen conceptual understanding and practical skills, providing a forum for knowledge expression and staying abreast of 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 efficiently utilizes ICT tools for seamless communication, content creation, distribution, storage, and management. With network connectivity and standard teaching aids

in every classroom, a conducive learning atmosphere is ensured. Each department features interactive smart boards for dynamic learning experiences.

An ERP System provides login access for faculty and students, facilitating attendance, syllabus coverage, internal exam marks, and feedback collection. Knimbus serves as a centralized platform for sharing resources like e-books, journals, NPTEL videos, and SPPU question papers. Faculty extends their reach through YouTube channels, sharing video lectures. Engaging in online courses enriches interdisciplinary knowledge.

Google Classroom facilitates material sharing, schedules, notes, and online exams. Faculty maintain personal websites to showcase achievements and insights. Lectures conducted via Google Meet encourage interaction and participation. The institute website acts as a comprehensive repository of activities, faculty profiles, placements, and achievements, reflecting its commitment to holistic education.

List of ICT Tools utilized:

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

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

59

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

79

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

384

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)

24.06

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of 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	No File Uploaded
Supporting document from Funding Agency	View File
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

30

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

34

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

9

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 upholds social responsibility by supporting a range of events, including Blood donation drives, International Yoga Day, Azadi-ka-Amrit-Mahostav, World Environment Day, Gandhi Jayanthi and Shivjayanthi celebrations, etc. As a result, the institute consistently takes the initiative to benefit society and its citizens through its committed work in this field. Creating a sense of responsibility among students for society is the reason that extension programs are crucial. As part of holistic development, the institute aimed to instill in its students social ideals and ethics. This is closely related to PCCOER's four-pillar philosophy, of which "Social Commitment" is one of the key 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

3

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

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

3

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

2854

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

3

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

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

8

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

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. Cloud-based ERP software facilitates the computerized process for student admission, teachers-parents communication, examinations, leaves management, attendance, students' feedback, etc. PCCOE & R has 664 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.

PCCOER has a well-established Sport section and Art circle for organizing various sports and cultural activities. Additionally, the institute provides essential amenities such as a medical facility, gender-specific common rooms, and more, ensuring a supportive and inclusive campus environment.

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.

Cultural club has musical instruments and independent practice area. Cultural sell organizes Annual Cultural Festival and several cultural programmes.

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)

148.76

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

PCCOE&R's library is a vital learning hub, offering essential resources, updated regularly. It leads in managing information, fostering student and faculty connections, with departmental libraries complementing its services.

PCCOE&R library, spanning 450 sq.m, features a 150-capacity WiFi Reading Hall. Semi-automated by Eduplus Campus ERP from Vishwakarma Education Service Pvt. Ltd, it handles circulation, administration, reports, etc. With barcode readers for swift book processing and user management tools.

OPAC offers book search by Title, Author, Publisher, Keywords, and Accession number. It provides online library information including availability. WEB-OPAC and kiosks are available. RFID implementation ongoing.

Staff, students use Knimbus app for remote access, offering multiple resources on one platform, streamlining search.

Research databases (e.g., Science Direct, IEEE, ASME, ASCE, and DELNET) assist students. Material on MPSC, UPSC, GATE, GRE aids exam prep. Knimbus provides e-resources like e-journals, Shodhganga, J-Gate Engineering, NPTEL videos, and Turnitin for plagiarism checks.

Every year, more than 1000 books and 25 journal subscriptions are added to the Library. Average amounts spent in last six years on purchase of books and subscriptions are Rs. 30,09,547/- and in 2022-23, Rs. 21,400,35/-

Library is exhaustively used by students and staff, usage for A.Y. 2022-23 being 155 foot-falls per day.

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	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

21.4

File Description	Documents
Any additional information	View File
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

155

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 400 Mbps bandwidth, 664 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 664 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 400 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

664

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)

109.56

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

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	https://www.pccoer.com/
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

241

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

241

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

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

A. All of the above

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

241

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

21

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

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

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

13

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.

19

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

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

PCCOER provides, comprehensive framework for student representation and engagement in various aspects of academic and extracurricular life within the institute. It fosters a sense of belonging and ownership among students, and also ensures that their voices are heard in important decision-making processes. Here's a list of committees where student engagement is there.

1. Students' Council
2. Student Grievance and Redressal Cell
3. Internal Complaint Committee
4. Anti-Ragging Cell
5. Cultural Activities
6. Sports Activities
7. Department/College Magazine
8. Extension Activities
9. Department Students Associations
10. Internal Quality Assurance Cell (IQAC)
11. Department Advisory Board (DAB)

File Description	Documents
Paste link for additional information	https://www.pccoer.com/college-development-committee.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

30

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 has been established in 2014 and first batch passed out in 2018. Till date 5 batches has passed out. In last 8 years around 2050 alumni have been there. The alumni are in continuous touch with PCCOE&R and respective department.

PCCOE&R has registered the Alumni Association with Registration Number MH/13/6/ 2019/Pune. The purpose of the association is to bring together all the alumni on single platform, to share their experiences, to extend support and provide guidance to the students.

Apart of this, the alumni have formed group at various locations including USA, Japan, and Pune etc. A special Alma-connect portal (<https://pccoerpune.almaconnect.com/>) is designed for alumni registrations.

Despite being in its infancy, our alumni has occupied various positions like Managers, Design engineers, Entrepreneurs, plant heads at various MNCs, Public sector and Government organizations at global, national level and state level.

The Institute organizes alumni meet every year. On an average more than 300 alumni participate in the event. During the meet, they interact with the students, faculties, management and share their ideas for improvement of overall progress of the institute and department.

Few of our alumni are members of our department advisory board (DAB) and college development committee (CDC).

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 decision-making 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.

PCCOE&R has prepared its own Policy Manual and ISO process manuals to streamline and support academic processes and overall administration. Copies of the same are available with HoDs and Section In-charges and on the college website.

For Teaching and Non-teaching Staff all administrative Rules, Procedures and Policies are as per directives of concern authorities.

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	No File Uploaded

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user 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

- 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.

- The employees are provided Group Insurance cover from LIC.
- Retirement benefits are provided to staff members as per EPF norms.
- The DA is updated as per GR. The DA in A.Y. 2022-23 is 196%
- 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

33

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

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

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

8

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

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, up-gradation 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.1,14,000 (2014 to 2022).

- Expenditure has increased.
- Utilization is more than 95% (100.58% budet 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 ensures effective and appropriate utilization of finances.

There is a standardized budget for all recurring/non-recurring 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	https://www.pccoer.com/igac-vision-objective-strategies.php
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

Gender equality/Justice is a culture of PCCOE&R. The institute possesses a privileged right to promote higher education and to ensure women's empowerment through gender equity and has a culture of equal opportunity for all cadres and genders.

PCCOE&R celebrates Women's Day every year. Students and staff are sensitized on Gender-Equity through webinars/seminars/counseling/guidance sessions. PCCOE&R has Women Empowerment Cell, which looks after the welfare of girl students and lady staff. Motivational talks by eminent speakers, Health checkup camps, speech on health and diet, hands-on training on self-defense are conducted for girl students and staff. Professional Counselor counsels over depression/anxiety/distress/disabilities/disorders/phobia/panic, etc.

Institute organizes various programmes under NSS to sensitize students about gender equity. Every year the Institute organizes seven days camp in villages in which male and female students attend the camp and equally participate in various 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.

The efforts taken by the Institute in achieving gender equity are reflected in its results, placement and participation in various co-curricular and extra-curricular activities.

File Description	Documents
Annual gender sensitization action plan	https://pccoer.com/NAAC_AOAR/CR7/7.1/7.1.1/7.1.1%20a%20Annual%20gender%20sensitization%20action%20plan-signed.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_AOAR/CR7/7.1/7.1.1/7.1.1%20b%20Facilities%20for%20Women-signed.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 bodies and distribution system in the campus

A. Any 4 or all of the above

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 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

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, Environmental Day, Regional Language 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.

Faculties and students celebrated Azadi ka Amrut Mahotsav by hoisting the Tricolour on August 13-15, 2022 and also filled 75 patents on various innovations. Active participation was seen in initiatives like HAR GHAR TIRANGA, "RASHTRA-GAAN: Record a Video Singing the National Anthem and in SPPU's world record of LARGEST ONLINE ALBUM of people holding the National flag.

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.

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 Conduct are organized

C. Any 2 of the above

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	No File Uploaded
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, Run for Unity, 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 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.

Title: Competence Enhancement Programme

PCCOE&R enhances skills, fosters professionalism, and ensures career success for students.

Objectives:

Cultivate adaptable technocrats capable of pursuing diverse career trajectories.

Foster creativity, communication, technical skills; guide entrepreneurship through resources.

The Context

PCCOE&R responds to NASSCOM's report by enhancing graduate employability through its Programme, aligning skills with industry standards.

The Practice

PCCOE&R prioritizes campus placements while emphasizing comprehensive student development.

Evidence of Success

Overall placements: 72% for A.Y.2022-23.

Average salary: 5.25 lakhs; Highest package: 23 lakhs.

Problems encountered and resources required

PCCOE&R initiated Platinum Project and Cocubes Assessment Tests effectively also support for certifications, studies, and entrepreneurship initiatives.

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

Student-led innovation groups foster projects, revenue
generation.

Rising participation, prize wins in national competitions.

Problems encountered and resource required

Students start with limited exposure to research and innovation
but utilize departmental project labs and innovation centers for
project completion. Financial support aids material procurement.

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 of IPR Cell 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:23
- Number of Patents filed:09
- Number of Patents Granted:04
- World record of filing 131 Copyrights in a single day.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Academic excellence is an important pillar of Four-Pillar-Philosophy of PCCOE&R. Institute is committed to conduct all academic tasks in line with the Plan-Do-Check-Act cycle.

According to the inputs given by Internal Quality Assurance Cell (IQAC), Academic Monitoring and Control Committee (AMC), Departmental Advisory Board (DAB) and other stakeholders, curricular/co- curricular/extra-curricular activities are scheduled in Institutional and Departmental activity calendar.

Departmental activity calendar is shared with students and faculty members well before the start of semester.

HOD assigns subject to faculties as per their expertise and preference. Time table is prepared to fulfill the subject-wise structure provided by Savitribai phule Pune University (SPPU).

Faculties prepare teaching plans which includes content beyond syllabus, course files and laboratory manuals. Academic monthly review by the AMC is an integral part of the teaching learning process, which ensures progress of curricula. Every year, External academic review is done and detailed reviews are sought to ensure continuous improvement.

Attendance is noted daily and progress of students is monitored regularly.

Feedback from Student is taken twice in semester and other stake-holders once in a year through ERP/physically.

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 the academic calendar is monitored through course file verification, ARM Meetings, Faculty meetings, Feedback on syllabus.

Continuous Assessment is done to improve overall performance in internal and external examinations.

Continuous Internal Assessment for Practical, Term-work, Projects, Seminars, internal examination, assignment is conducted and assessed by well-defined rubrics and is monitored by Departmental Academic Coordinator (DAC). Internal Evaluation is carried out with respect to following points:

- Unit tests and Prelim examinations are conducted every semester. Test papers are set using Unit-wise COs and BT levels and answers are evaluated. Students who scored less are asked to complete additional tasks.
- Assignment is given after completion of every unit and is assessed based on timely submission and quality of answers.
- Mock project review is organized twice in each semester for Final year. Final Review assessment is done by an external examiner.
- Students are assessed on all possible platforms and internal marks are given as per their performance in internal tests, assignments, mock oral, mock practical, mock project review and in active participation in technical, non-technical events.

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)

11

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

1280

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

1280

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 incorporates Professional Ethics in the enlisted courses:

- **Advanced Concrete Technology: Applying ethical principles and professional codes in designs and value addition courses.**
- **Quantity Survey Contracts & Tenders: Applying ethical principles and professional codes for various projects.**
- **PBL including BE projects address through plagiarism.**

The curriculum has incorporated Human Values issues in a few courses as below:

- **Leadership and Personality Development: To develop and nurture the soft skills of the students through individual and group activities, to develop and nurture**

the soft skills of the students through individual and group activities, to develop and nurture the soft skills of the students through individual and group activities.

The curriculum has incorporated Environment and Sustainability issues in the courses below:

- **Ecology and Environment:** This course highlights maximum use of renewable energy sources. Importance of energy conservation and management: Environmental Issues and Disaster Management): This course highlights different environmental issues and strategies for disaster management.

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

1613

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)	View File

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

420

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

198

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

Categorization of students is done on the basis of following:

- Based on performance in Unit Test of respective subjects.
- Academic performance of students in preceding university examination (50 %).
- Class observation and input from previous faculty (25 %).

Marks obtained by the students in prerequisite objective type test/prerequisite class test based on conducted for respective subject (25 %).

The students securing the marks less than 40% are identified as Slow Learners and the students securing marks above 90% are identified as Advanced Learners.

The Slow Learner Students are identified from their very passive and dull participation in classroom discussion, performance in the unit tests, oral examination, university examinations, etc.

Every course coordinator prepares action plan for his/her course from the data of result analysis of university examination and takes action such as remedial classes, counseling, by informing to parents of the student.

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
1619	79

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 boasts a proficient faculty adept in modern ICT tools, actively utilizing them to manage information and enhance teaching quality. They continuously refine their expertise through diverse faculty development programs. Equipped with smart boards, projectors, and internet access in every classroom, the institute employs student-centred methodologies, including traditional and innovative approaches like experiential and problem-solving techniques tailored to diverse learning styles.

Students benefit from hands-on learning experiences such as dissertations, internships, and projects, fostering technological and managerial insights. Faculty leverage ICT tools like blogs and Google Classroom for resource sharing, while Flipped Classroom activities bolster student engagement. Encouraging involvement in supplementary courses like NPTEL and Coursera, PCCOE&R offers platforms like SAE-BAJA and TIFAN for collaborative skill development.

Real-world industry scenarios immerse students in problem-solving contexts, supplemented by interactive platforms like Knimbus and exambuzz.com for skill refinement. Seminars deepen conceptual understanding and practical skills, providing a forum for knowledge expression and staying abreast of 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 efficiently utilizes ICT tools for seamless communication, content creation, distribution, storage, and management. With network connectivity and standard teaching aids in every classroom, a conducive learning atmosphere is ensured. Each department features interactive smart boards for dynamic learning experiences.

An ERP System provides login access for faculty and students, facilitating attendance, syllabus coverage, internal exam marks, and feedback collection. Knimbus serves as a centralized platform for sharing resources like e-books, journals, NPTEL videos, and SPPU question papers. Faculty extends their reach through YouTube channels, sharing video lectures. Engaging in online courses enriches interdisciplinary knowledge.

Google Classroom facilitates material sharing, schedules, notes, and online exams. Faculty maintain personal websites to showcase achievements and insights. Lectures conducted via Google Meet encourage interaction and participation. The institute website acts as a comprehensive repository of activities, faculty profiles, placements, and achievements, reflecting its commitment to holistic education.

List of ICT Tools utilized:

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

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

59

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

79

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

384

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)

24.06

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of 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	No File Uploaded
Supporting document from Funding Agency	View File
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

30

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

34

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

9

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 upholds social responsibility by supporting a range of events, including Blood donation drives, International Yoga Day, Azadi-ka-Amrit-Mahostav, World Environment Day, Gandhi Jayanthi and Shivjayanthi celebrations, etc. As a result, the institute consistently takes the initiative to benefit society and its citizens through its committed work in this field. Creating a sense of responsibility among students for society is the reason that extension programs are crucial. As part of holistic development, the institute aimed to instill in its students social ideals and ethics. This is closely related to PCCOER's four-pillar philosophy, of which "Social Commitment" is one of the key 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

3

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

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

3

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

2854

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

3

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

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

8

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File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

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. Cloud-based ERP software facilitates the computerized process for student admission, teachers-parents communication, examinations, leaves management, attendance, students' feedback, etc. PCCOE & R has 664 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.

PCCOER has a well-established Sport section and Art circle for organizing various sports and cultural activities. Additionally, the institute provides essential amenities such as a medical facility, gender-specific common rooms, and more, ensuring a supportive and inclusive campus environment.

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.

Cultural club has musical instruments and independent practice area. Cultural sell organizes Annual Cultural Festival and several cultural programmes.

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)

148.76

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

PCCOE&R's library is a vital learning hub, offering essential resources, updated regularly. It leads in managing information, fostering student and faculty connections, with departmental libraries complementing its services.

PCCOE&R library, spanning 450 sq.m, features a 150-capacity WiFi Reading Hall. Semi-automated by Eduplus Campus ERP from Vishwakarma Education Service Pvt. Ltd, it handles circulation, administration, reports, etc. With barcode readers for swift book processing and user management tools.

OPAC offers book search by Title, Author, Publisher, Keywords, and Accession number. It provides online library information including availability. WEB-OPAC and kiosks are available. RFID implementation ongoing.

Staff, students use Knimbus app for remote access, offering multiple resources on one platform, streamlining search.

Research databases (e.g., Science Direct, IEEE, ASME, ASCE, and DELNET) assist students. Material on MPSC, UPSC, GATE, GRE aids exam prep. Knimbus provides e-resources like e-journals, Shodhganga, J-Gate Engineering, NPTEL videos, and Turnitin for plagiarism checks.

Every year, more than 1000 books and 25 journal subscriptions are added to the Library. Average amounts spent in last six years on purchase of books and subscriptions are Rs. 30,09,547/- and in 2022-23, Rs. 21,400,35/-

Library is exhaustively used by students and staff, usage for A.Y. 2022-23 being 155 foot-falls per day.

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-

A. Any 4 or more of the above

resources	
File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File
4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)	
4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)	
21.4	
File Description	Documents
Any additional information	View File
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	
155	
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 400 Mbps	

bandwidth, 664 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 664 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 400 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

664

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)

109.56

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

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	https://www.pccoer.com/
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

241

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

241

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

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

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

241

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

21

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

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

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

13

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.

19

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

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

PCCOER provides, comprehensive framework for student representation and engagement in various aspects of academic and extracurricular life within the institute. It fosters a sense of belonging and ownership among students, and also ensures that their voices are heard in important decision-making processes. Here's a list of committees where student engagement is there.

1. Students' Council
2. Student Grievance and Redressal Cell
3. Internal Complaint Committee
4. Anti-Ragging Cell
5. Cultural Activities
6. Sports Activities
7. Department/College Magazine
8. Extension Activities
9. Department Students Associations
10. Internal Quality Assurance Cell (IQAC)
11. Department Advisory Board (DAB)

File Description	Documents
Paste link for additional information	https://www.pccoer.com/college-development-committee.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

30

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 has been established in 2014 and first batch passed out in 2018. Till date 5 batches has passed out. In last 8 years around 2050 alumni have been there. The alumni are in continuous touch with PCCOE&R and respective department.

PCCOE&R has registered the Alumni Association with Registration Number MH/13/6/ 2019/Pune. The purpose of the association is to bring together all the alumni on single platform, to share their experiences, to extend support and provide guidance to the students.

Apart of this, the alumni have formed group at various locations including USA, Japan, and Pune etc. A special Alma-connect portal (<https://pccoerpune.almaconnect.com/>) is designed for alumni registrations.

Despite being in its infancy, our alumni has occupied various positions like Managers, Design engineers, Entrepreneurs, plant heads at various MNCs, Public sector and Government organizations at global, national level and state level.

The Institute organizes alumni meet every year. On an average more than 300 alumni participate in the event. During the meet, they interact with the students, faculties, management and share their ideas for improvement of overall progress of the institute and department.

Few of our alumni are members of our department advisory board (DAB) and college development committee (CDC).

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

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 decision-making 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.

PCCOE&R has prepared its own Policy Manual and ISO process manuals to streamline and support academic processes and overall administration. Copies of the same are available with HoDs and Section In-charges and on the college website.

For Teaching and Non-teaching Staff all administrative Rules, Procedures and Policies are as per directives of concern authorities.

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	No File Uploaded

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user 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

- 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.
- The employees are provided Group Insurance cover from LIC.
- Retirement benefits are provided to staff members as per EPF norms.
- The DA is updated as per GR. The DA in A.Y. 2022-23 is 196%
- 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

33

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

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

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

8

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

58

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, up-gradation 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.1,14,000 (2014 to 2022).
- Expenditure has increased.
- Utilization is more than 95% (100.58% budet 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 ensures effective and appropriate utilization of finances.

There is a standardized budget for all recurring/non-recurring 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	https://www.pccoer.com/iqac-vision-objective-strategies.php
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

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

Gender equality/Justice is a culture of PCCOE&R. The institute possesses a privileged right to promote higher education and to ensure women's empowerment through gender equity and has a culture of equal opportunity for all cadres and genders.

PCCOE&R celebrates Women's Day every year. Students and staff are sensitized on Gender-Equity through webinars/seminars/counseling/guidance sessions. PCCOE&R has

Women Empowerment Cell, which looks after the welfare of girl students and lady staff. Motivational talks by eminent speakers, Health checkup camps, speech on health and diet, hands-on training on self-defense are conducted for girl students and staff. Professional Counselor counsels over depression/anxiety/distress/disabilities/disorders/phobia/panic, etc.

Institute organizes various programmes under NSS to sensitize students about gender equity. Every year the Institute organizes seven days camp in villages in which male and female students attend the camp and equally participate in various 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.

The efforts taken by the Institute in achieving gender equity are reflected in its results, placement and participation in various co-curricular and extra-curricular activities.

File Description	Documents
Annual gender sensitization action plan	https://pccoer.com/NAAC_AQAR/CR7/7.1/7.1.1/7.1.1%20a%20Annual%20gender%20sensitization%20action%20plan-signed.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/CR7/7.1/7.1.1/7.1.1%20b%20Facilities%20for%20Women-signed.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

A. 4 or All of the above

efficient equipment

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 wastegenerated 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 bodies and distribution system in the campus

A. Any 4 or all of the above

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	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, Environmental Day, Regional Language 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.

Faculties and students celebrated Azadi ka Amrut Mahotsav by hoisting the Tricolour on August 13-15, 2022 and also filled 75 patents on various innovations. Active participation was seen in initiatives like HAR GHAR TIRANGA, "RASHTRA-GAAN: Record a Video Singing the National Anthem and in SPPU's world record of LARGEST ONLINE ALBUM of people holding the National flag.

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.

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

<p>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</p> <p>4. Annual awareness programmes on Code of Conduct are organized</p>	<p>C. Any 2 of the above</p>
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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	No File Uploaded
Any other relevant information	No File Uploaded

<p>7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals</p> <p>Institution celebrates the National and International festivals to inculcate values, ethics, social responsibilities and global awareness among students and staff.</p> <p>Institute hosts Independence Day and Republic Day celebration, followed by patriotic cultural events. Institute</p>
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enthusiastically observes the birthdays of National Heroes . Swachh Bharat Abhiyan Promise, Run for Unity, 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 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.

Title: Competence Enhancement Programme

PCCOE&R enhances skills, fosters professionalism, and ensures career success for students.

Objectives:

Cultivate adaptable technocrats capable of pursuing diverse career trajectories.

Foster creativity, communication, technical skills; guide entrepreneurship through resources.

The Context

PCCOE&R responds to NASSCOM's report by enhancing graduate employability through its Programme, aligning skills with industry standards.

The Practice

PCCOE&R prioritizes campus placements while emphasizing comprehensive student development.

Evidence of Success

Overall placements: 72% for A.Y.2022-23.

Average salary: 5.25 lakhs; Highest package: 23 lakhs.

Problems encountered and resources required

PCCOE&R initiated Platinum Project and Cocubes Assessment Tests effectively also support for certifications, studies, and entrepreneurship initiatives.

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

Student-led innovation groups foster projects, revenue generation.

Rising participation, prize wins in national competitions.

Problems encountered and resource required

Students start with limited exposure to research and innovation but utilize departmental project labs and innovation centers for project completion. Financial support aids material procurement.

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 of IPR Cell 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: 23
- Number of Patents filed: 09
- Number of Patents Granted: 04
- World record of filing 131 Copyrights in a single day.

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

- Prepare the plan for Research and Development activities and follow-up for strengthening the NIRF rankings. Currently application for ranking under NIRF, CSR and CII will be initiated.
- Policies to motivate the faculties by incentives for

increasing the publication in SCI/Scopus/UGC listed journal.

- Prepare the regular Outcome based Education documents for maintaining the NBA Accreditation.
- Upgrade Facilities, to start maximum interaction with industries for increasing internships, trainings, placements.
- Institute is planning to organize more number of valueadded courses.
- Transition of ISO 9001:2015 standard to ISO 21001:2018 standard Educational organizations Management systems (EOMS) for institute.