YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	Pimpri Chinchwad College of Engineering
• Name of the Head of the institution	Dr. Govind N. Kulkarni
• Designation	Director
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	02027653168
• Alternate phone No.	8975230323
• Mobile No. (Principal)	7743820774
• Registered e-mail ID (Principal)	principal@pccoepune.org
• Address	Pimpri Chinchwad Education Trust's Pimpri Chinchwad College Of Engineering Sector -26, Pradhikaran, Nigdi, Near Akurdi Railway Station.
• City/Town	Pune
• State/UT	Maharashtra
• Pin Code	411044
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	22/07/2020
• Type of Institution	Co-education

• Location	Urban
• Financial Status	Self-financing
• Name of the IQAC Co-ordinator/Director	Dr. S. D. Thepade
• Phone No.	02027653168
• Mobile No:	9766258833
• IQAC e-mail ID	sudeep.thepade@pccoepune.org
3.Website address (Web link of the AQAR (Previous Academic Year)	http://www.pccoepune.com
4.Was the Academic Calendar prepared for that year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	http://www.pccoepune.com/academic-calendar.php

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.2	2017	27/11/2017	26/11/2022

6.Date of Establishment of IQAC	05/01/2019

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
NA	Nil	Nil	Nil	Nil

8.Provide details regarding the composition of the IQAC:

• Upload the latest notification regarding the composition of the IQAC by the HEI	View File

9.No. of IQAC meetings held during the year	**3**	
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	**Yes**	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Did IQAC receive funding from any 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)

Response: The IQAC plays an active role in synchronizing a quality culture in all the process engagement within the Institute. This culture is consistently maintained through numerous initiatives taken by the IQAC Cell through the year. • Autonomy Status : The Autonomy visit was successfully conducted in the month of September 2019 and Autonomy status was conferred to PCCoE. • Academic audit of all the departments : Academic audit is conducted every semester by the internal audit committee. An external audit is done every year by the third party (TUV Nord). Stringent academic practices are scrupulously followed in the institute. • Development of Infrastructure : Capacity building exercise is done every academic year based on the periodical revision of the syllabus and requirements to bridge the gap in curriculum. Research gaps and curriculum gaps are periodically checked and amendment needed in infrastructural requirement is putforth. • Performance parameters Index : The performance of the departments is measured in the scale of 0 to 100. The departments are assessed based on their performances and the same is presented in MRM review meeting. • Third cycle of NBA : The process of Outcome Based Education is meticulously practised in the Institute and to ensure the assessment of the academic and administrative activities, the Institute is in process of third cycle of NBA. • Research Impetus and Collaborations: To give an impetus to the research in all the departments, the Institute has taken special efforts in strengthening Special Interest Groups' activities. The faculties are encouraged to participate, organize and conduct Orientation Programmes, Research, Seminars and Workshops etc. for the

upgradation of knowledge base. All teachers are encouraged to actively participate in research work and submit proposals for major and minor research projects. • Project based learning: Add On courses and hands on learning experience is very much the need of the hour for the young technocrats. It is vital to build a strong base and the Institute offers a plethora of opportunities beyond the university curriculum.

12.Plan of action chalked out by IQAC at 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
Interaction with core industries	Co-Teaching for courses was encouraged to acquaint students with an Industrial exposure. 'SIG-Manthan' was initiated to strengthen Industry Institute Interaction.
Internship / Placement initiatives	PCCoE has focused on employability of the students as well as Startup opportunities for budding entrepreneurs. Internship opportunities are provided alongwith student development activities. Faculty members and students interacted with the industry delegates through various schemes like SIG-Manthan,TIFAC, Students Chapters, Add On Courses, etc.
Technical Add-on Certification	Various Online Technical Certification programs, Hands On workshops on Recent Technologies/Tools are conducted by departments to ensure students readiness on skill sets required in Industry.
Personality and Communication Skill Development Programs: (20Hrs Program) and Aptitude and Soft Skills Training: (80-100Hrs Program)	Aptitude and Soft Skills Training program, covering Spoken English, Verbal ability and Communication skills, Aptitude, GD and PI and Finishing Course is arranged to prepare students for aptitude

	tests for various companies and other competitive exams, improve their communication skills and groom their overall personality to adapt easily to corporate culture.
Planning and scheduling of various academic Activities	Academic Calendar for every semester to accommodate appropriate evaluation and assessment is incorporated.

13.Was the AQAR placed before the statutory body?	No

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Nil	Nil

14.Was the institutional data submitted to AISHE ?	Yes

- Year

Year	Date of Submission
08/01/2022	08/01/2022

Extended Profile

1.Programme

1.1 12

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 3879

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 **924**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 **1028**

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 **159**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 **196**

Number of full-time teachers during the year:

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	**12**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 Total number of students during the year:	**3879**

File Description	Documents
Institutional data in Prescribed format	View File

2.2 Number of outgoing / final year students during the year:	**924**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	**1028**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 Number of courses in all programmes during the year:	**159**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 Number of full-time teachers during the year:	**196**

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3 Number of sanctioned posts for the year:	**217**

4.Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**803**
4.2 Total number of Classrooms and Seminar halls	**114**
4.3 Total number of computers on campus for academic purposes	**1636**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**230.98359**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Response : PCCoE , an Autonomous Institute from 2020-21, has currently First Year BTech with autonomy curriculum, and Second year to Final year follow SPPU structure. Both the curricula have relevance to local, national, and global developmental needs. PCCoE adapts Choice Based Credit System (CBCS) for all its programmes. Every programme has Board of Studies(BoS), comprising of senior faculty members, domain expert – external, Industry

Experts and Alumni who after deliberations, approve the syllabus of any course. The BoS with Department looks into the relevance and requirements of any course in the programme, the necessary amendments and revisions, to cater the Industry needs and market trends . The course objectives and outcomes are spelt out clearly thereafter. POs, PSOs target and status achieved are presented, and suggestions considered. The learning outcomes for each course are unfolded through the planned course objectives and stringent efforts through CDMs.

The local needs in case of PCCoE, Pune can be understood at two levels:

1. Geographical need of Pune

2. The local needs are identified as Pune is hub of following industries:

a. IT Sector

b. Automobile Industries

c. Construction of Residential zones and allied developmental projects

d. Automation Industries

PCCoE has adopted both means to address this typical requirement, and offers curricula that are at par with any National or International University.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	http://www.pccoepune.com/syllabi.php

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

6

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

16

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	No File Uploaded
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

159

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

12

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

Response : PCCoE an Autonomous Institute, offers a very conducive and healthy environment for learning and student development. There are courses included in curriculum; audit courses such as Life Skills -I and Life Skills – II, that has a good blend of Professional ethics, Human Values, Yoga, Sports etc.

The Student Development and Welfare Cell, Institutional Social Responsibility (ISR) cell and Grievance Handling Cell are there to counsel, supervise, conduct sessions for overall grooming of students. The gender equality is very much balanced whether be it in academic, research, student cell activities or placement opportunities.

Due care is taken through following steps:

- **Uniform policies are implemented to give equal opportunity to individuals for education.**
- **Parent Teacher Guardian Scheme (PTG) is very keenly conducted, and few students who need personal attention and counselling, are further recommended to the dedicated professional counsellor in the institute. The mentor and mentee ratio is 1:24,so that personal interaction can be good. Sensitive issues (if any) related to gender discrimination or caste are addressed with caution by careful counselling.**

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	No File Uploaded

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

8

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

1658

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

2656

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is	A. All 4 of the above

obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	

File Description	Documents
Provide the URL for stakeholders' feedback report	https://drive.google.com/drive/u/0/folders/1mzcAHl-A8dKvcPM2NQiN93zoTINGbf1z
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following	B. Feedback collected, analysed and action taken

File Description	Documents
Provide URL for stakeholders' feedback report	https://drive.google.com/drive/u/0/folders/1_YNT9I0tgPjuzXJJwOvswZjqnCzJvIKi
Any additional information	No File Uploaded

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

3879

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

1071

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Response : The learning capabilities of the students are identified at different stages by class teachers, course faculties, Parent teacher guardian (PTG) ,and these learning levels are identified based on the attendance, interactions, progressive assessment, internal evaluation, student responses in extra curricular and co curricular activities etc. Based on this analysis, the students are categorized into Advanced learner and Slow learners.

Few specific activities conducted by teachers for Advanced learners are : Students are encouraged to participate in Online Certifications, Hackathons, Code chef, Idea presentations, IPRs, AVISHKAR,KPIT Sparkle, SAE BAJASUPRA, ROBOCON, prestigious participation in ACM ICPC, Google Facilitator, Editorial Members in Google opportunities, ACM Winter school and Summer Internship programs are leveraged by these advanced learners.

Advanced learners are encouraged to enroll in MOOC Courses – NPTEL, Coursera, Swayam, EdX etc. Students are encouraged to participate and present research papers in Conferences and Journals of repute. Internship, Consultancy, Sponsored projects and Entrepreneurship opportunities are provided to these students.

Specific activities conducted by teachers for Slow learners are : Remedial Coaching, Extra notes and Tutorials, Counselling at various stages-PTG, Class Teacher, Academic Co-ordinator, HoD and Dean Academics.

The outcome of these extensive efforts are Qualitative results and University Rank Holders.

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

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/07/2020	3879	196

File Description	Documents
Upload 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:

Response : To strengthen the teaching learning process in the Institute following practices are stringently followed in the Departments. Few of the Highlights that are predominantly practiced:

The curriculum has insight of practical demonstrations with Mini Projects, Seminars and Projects, also with different platforms for simulation based learning and Coding events needed to strengthen the experimental learning are made available such as Code Chef, E-Yantra, Hackathons, ACM ICPC events.

Audio- Visual methodology, Online Virtual Labs setups, Practical demonstrations and Mini Projects, Language Lab, Seminars and Projects, Field Work etc. are some of the means used by departments to boost student participation.

The P-D-C-A (Plan- Do- Check and Act) cycle is stringently followed to fulfill the entire academic requirements.

The Project based learning is included in the curriculum to strengthen the understanding of concepts and make the students capable for applying the knowledge in the field of Engineering.

Through Technical Add-on Courses, an indigenous platform is given

to the students to sharpen the knowledge in the specialized fields, so that they can use the conceptual knowledge practically to solve the industrial needs. Ex. National level events, ACM Winter School and Summer Internships etc.

Moreover, the academic subjects have a pivotal contribution in the learning of students.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	http://www.pccoepune.com/syllabi.php

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Response : ICT enabled education enhances the quality of education. In PCCoE, the classrooms and labs are ICT enabled with projectors installed and the campus is enabled with high speed Wifi connection. The faculty membersuse a number of ICT enabled tools to enhance the quality of teaching-learning like Google classroom, Virtual labs, Google Drives and Google forms are used for submission of assignments. Bamboo folio, Smart desktop and Multimedia setup is established for effective conduction of laboratories. Lab manuals are prepared for smooth conduction of laboratory assignments. Online drawing tools are used to perform student centric activities. The teaching learning through PPTs are enabled with animations and simulations to improve the effectiveness.

Darpan software, an appropriate platform is used to upload video lectures and lecture notes for students, as extra learning resources. Bodhitree, an asynchronous platform in collaboration with IIT-B, is used by the faculties for sharing teaching content and quizzes. The online learning environments are designed to train students for quizzes, polls and coding events. EasyCheck and EasyPariksha, Moodle software etc are used to conduct Online exams. Digital library with e-resources are available and remote access facility to ebooks, periodicals and journals is provided. NPTEL and SWAYAM videos are accessed and recommended as part of curriculum. IIT Virtual lab is set up in problem solving domain of mathematics.

Seminar hall, Learning Resource and Development Centre (LRDC) and

auditoriums are well equipped with multimedia facilities using ICT tools. International Conferences, Invited talks and webinars are conducted here using ICT facilities. The institute has the ERP system as Integrated Academic and Admin Management System, as a comprehensive tool for faculty members, students and administrators to overcome the challenges in the process of college admissions and post admissions.

The ICT enabled teaching learning is very well established for student centric learning in the institute.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	**Nil**
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

196

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Response : The Institute plans and deploys the teaching learning and evaluation schedules systematically with well drafted processes. The planning and execution of stringent academic monitoring is carried out as discussed:

Academic Calendar Preparation:

This included the dates of commencement and completion of syllabus, schedules of internal exams etc. It specifies the dates of Internal Evaluation, Mid Term Evaluation and End Term examination. Tentative dates of practical exams and theory

examinations are also given in academic calendar. Once the permission and sanction is obtained from Academic Council and Board of Governance, time tables are prepared and implemented accordingly.

Teaching Plan Preparation:

The course teachers prepare course plans according to the academic calendar. All efforts are made to adhere to the academic calendar for the planning of Course conduction and Continuous Internal Evaluation Instances. This is well supported by automated software-based system PCCOE ERP.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

196

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	No File Uploaded
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

41

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1739

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

Nil

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

43

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

Response: PCCoE has put continuous efforts in establishing and carrying out the reforms in its examination procedure through integration of IT in all the procedures and processes of the examination system. The reforms have also been implemented in the continuous Internal assessment modes and components. Examination procedure has been completely automated using IT software (ERP).

- **'Board of Examinations' (BOE),apex Examination Body responsible for Examination conduction, framing and implementing Rules and Regulations is approved by Academic Council.**
- **'Complaint Redressal Committee'(CRC), appointed by Director to deal with cases of Unfair means/Malpractice/s in Examination is set.**
- **The functionaries of the Institutes related to Academics and Examination shall be the Director, Deputy Director, Dean Academics, Controller of Examinations and Heads of the Departments.**

In the academic year 2020-21, examination for F Y B. Tech and F Y M. Tech was conducted online due to COVID-19. All Internal evaluations and End term examinations were conducted online with good IT support. All Examinations were conducted through 'Easy-Pariksha' and 'Easy-Check' software, that supports MCQs and Subjective evaluations.

Key Highlights:

· Adopting semester patterns of examination with continuous evaluation system for all the departments.

· Digital evaluation system has been successfully implemented for

UG and PG.

· Inclusion of orals, practical, termwork, seminar project, assignment, seminar presentation etc. as components of evaluation.

The examination management system in the PCCoE ensures the following:

· Erp has been successfully implemented, and Online entry of students at Entry level, attendance and internal assessment is effective and time efficient.

· Online filling of examination /revaluation forms helps the students and university in saving time and in generating admission tickets.

· Panel of examiners for every subject is compiled prior to the examination, on collecting the information from the institutions / departments, considering eligibility norms.

· Photo copies of answer scripts is provided to the desired students on application.

- **Online filling of student details, exam informs, internal evaluation, evaluation of marks transfer, revaluation application, declaration of results,etc. is well managed.**

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional Information	http://www.pccoepune.com/rules-and-regulations.php

2.6 - Student Performance and Learning Outcomes

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

Response : PCCoE practices Outcome Based Education through the team of committed faculty members and staff with the appropriate and adequate knowledge of roles and responsibilities. The program level outcomes and targets are set at the onset of semester and at the end of the semester, it is reviewed for its attainment. The Program Assessment Committee (PAC) is duly supported by Departmental Advisory Boards (DAB) with representatives of stake

holders.

At the start of every semester, HoD addresses the students and reiterates the significance of OBE. The course teacher in the first course session, discusses the Course level outcomes that are expected of students. There are subject group meetings and Module meetings held in every semester and the course team presents course outcomes, methods and tools to assess attainment. The suggestions and modifications discussed in module meeting, and percolation of course outcomes to students is very well practised in the Institute.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Link for additional Information	http://www.pccoepune.com/syllabi.php

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Response : PCCoE practises Outcome Based Education mechanism scruplously.All departments have defined program outcomes, program specific outcomes for their respective program ,as well as course outcomes for all courses and set respective targets.

The objectives and outcomes are appropriately mapped for evaluation of students, so that PSO’s are attained through the competency mapping, in terms of knowledge and skills. The Departments adopt both direct and indirect methods of assessment to ensure attainments of PO’s and CO’s. Course faculties ensure Question papers are set as per Bloom’s Taxonomy, quality is ensured at module coordinator level ,and also Academic Audits are conducted to monitor the processes qualitatively and strengthens the overall system.

Direct Assessment methods include :

- **Internal Evaluation**
- **Laboratory performance**
- **Student projects**
- **Assignments**
- **Insem Examination, End Term Evaluation Result**

These scores are taken into consideration for evaluation of CO's.

Indirect Assessment Methods include :

- **Feedbacks**
- **Alumni survey**
- **Co-curricular activities**
- **Extracurricular activities**

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

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

909

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

http://www.pccoepune.com/naac-iqac.php

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

Response: PCCoE has a well laid foundation of research in frontier areas of Science and Technology. The institute has a strong component of research in addition to education and training. A significant number of students and faculty members are pursuing PhD and are actively involved in research activities, viz., publications, research proposal submission etc.

Well equipped laboratories and complex experimental facilities are setup in house for specific research programs.Dassault Laboratory, Robotics VR and Computer Vision Laboratory, E-yantra Laboratory, Xilinx Centre of Excellence etc. are actively setup in the Institute. To highlight, every year the Robocon Team- Baron brings accolades and recognition for the Institute at National and International Level.

R&I activity has the following significant components:

- **Publication**
- **Undertaking Research and Development**
- **Consultancy and Testing**
- **Generation of IPR**
- **Incubation and Entrepreneurship Development**

The research promotion policy is setup in PCCoE, to promote and strengthen the research culture in the Institute.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	http://www.pccoepune.com/policies-for-academic-and-admin-staff.php
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	No File Uploaded
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	No File Uploaded
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

66.65630

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

13

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://drive.google.com/drive/folders/1xRDs4s6qg0W62dufgF3NovhJXHOhMxe9
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

11

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

4

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://drive.google.com/drive/folders/1xRDs4s6qg0W62dufgF3NovhJXHOhMxe9
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

Response: PCCOE has established well structured systems for innovations, research, and entrepreneurship cell. The well-established Innovation Centre, Learning Resources and Development Centre,Centre for Innovation, Incubation and Linkages Forum, etc.

actively encourage and inculcate research in students.

1. Innovation Centre:

Innovation center is established and made available 24X 7 to explore ideas and encourage the creativity. The outcome of well established facility with all state of the art equipments, infrastructure is available for students, and students have successfully brought laurels in various competitions such as Hackathon, SAE BAJA SUPRA Formula Bharat Electric, Technology Innovation Forum For Agriculture Nurturing (TIFAN), Robocon etc.

2. Learning Resource & Development Center (LRDC)

Institute has established state of the art self-learning facility,Learning Resources Development Center (LRDC). The institute plans to developthe resources through this center and provide the access to the students through the file servers. The student can access to the said resources in case of a missed classroom lecture and through this facility, the institute may establish a Remote learning center. LRDC centre has audio-visual facility to facilitate blended learning, collaborative learning etc.

3. Centre for Innovation, Incubation and Linkages Forum

PCCOE CIIL is an incubation Centre registered under Section 8 of Companies Act, 2013 with the vision to create globally accepted Innovators and Entrepreneurs for Self Reliant India. The objective of PCCOE CIIL is to offer unique and incentivized solutions, thatwill encourage students, researchers or any individual/group of individuals to ideate and design novel solutions.

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

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

Nil

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	**B. Any 3 of the above**

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

48

File Description	Documents
URL to the research page on HEI website	http://www.pccoepune.com/research-home.php
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

67

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

89

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

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

411

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

16

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

1.40816

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	No File Uploaded
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Response : The institute organizes a number of extension activities for the welfare of neighbourhood community. The Fit India Movement, Wari, Cancer Awarenenss, Essay Writing Competition, Hand Wash Awareness, National Unity Day, Yuva Saptah, Swaccha and Swastha Bharat Abhiyan, Road Safety Awareness, Online

Talk and Interactive session to guide students about Covid-19 and its impact on Mental Health,Covid Task Force, Group Discussion on Voting Awareness & Youth, Workshop by UNICEF on Tackling COVID post vaccination, Maze Kutumb Mazi Jababdari initiative ,etc. are few of the activities conducted to sensitize students to social issues for their holistic development.

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

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

47

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

32

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

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

447

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

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

107

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

26

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

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 equipments, etc.

Response : Infrastructural support system for better teaching-learning process is available in the college campus that includes well equipped state of the art Classrooms, Laboratories for U.G and P.G, Smart classrooms, Computer centre, Language laboratory, Central and Departmental library, Reading rooms and Girls common rooms. Seminar hall, LRDC and auditorium with latest multimedia,

audio system with mounted LCD system for facilitating presentation with the seating capacity of approximately 1000 students simultaneously is at place.

Wi-Fi facility is available in campus and also for hostel students. During exam period, the reading room has extended hours facility to cater the students requirements of peer group study. Availability of Teaching aids, Bodhitree -IITB asynchronous platform, DARPAN portal, Moodle exam facility, practical setups, ICT facilities for MOOCs, NPTEL is available. Further, infrastructural enhancements are also done through various other financial resources in the form of Research Projects and sponsorships like Dassault Systems, Innovation Laboratory, Data Analytics Laboratory, VIBE Laboratory and VLab as the nodal centre initiative in collaboration with MHRD and IIT Bombay. Computing facilities with total number of 1636 computers and a bandwidth of 600 Mbps is at place.

Optimal deployment of infrastructure is ensured through Add On courses/ STTPs/FDPs/Workshops for students and faculties. The optimal utilization is ensured through encouraging innovative teaching – learning practices. It is further extended as a facility for Placement on Campus and Off Campus drives, Seminars, Conferences etc., also for Government examinations/University Examinations like PET, CAT, GATE, MPSC, etc.

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, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

Response : PCCoE believes in a holistic education and students are given the opportunity to demonstrate and develop their leadership and decision making skills.

Cultural Initiatives

The students actively participate in various extracurricular activities including Dance, Orchestra, Fine Arts, and Drama etc.

and in competitions held by various Institutions. The following objectives are laid down by the cell:

- To plan, coordinate ,monitor and control cultural activities of the students with utmost discipline.
- To provide proper guidance to students through experts to enhance their skills/arts for overall development.
- To arrange for providing essential facilities to the students for preparation and practice.

Sports Initiatives

The institution has well equipped gymnasium for faculty and students with a dedicated area of 987 sq. ft and state of the art equipments worth Rs.5,08,952/-. There is a dedicated Open Gymnasium facility for all the girl students and ladies faculty members worth Rs.1,97,000/- . Students are encouraged to participate in all outdoor activities, inter college events, inter departmental events etc. All diligent efforts put forth by the institute are rewarded with all good student accolades every year.

File Description	Documents
Geotagged pictures	No File Uploaded
Upload any additional information	No File Uploaded
Paste link for additional information	http://www.pccoepune.com/sports.php

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

114

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

230.98359

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

Response : The college library has a vast collection of texts and general books, International and National journals, e-resources and online databases to cater to the needs of both UG and PG students. Separate sections for General, Reference books, Journals and Periodicals, Magazines are provided along with free Net browsing facility to access the online databases and academic information.

Library has an advisory committee for smooth and effective utilization of learning resources. It consists of librarian and one faculty member from each department. Book bank facility is provided to toppers and needy students. For SC students, extra books are provided. There is extended library timing during examination time for all the students. Web – OPAC is available for faculty members and students to search book/title/author in the library. For e-learning, separate platform is established for faculty members and students. Adequate space and internet connectivity is made available with e-resources and NPTEL video lectures in Digital library.

The institute has dedicated Integrated Library Management System with ERP since 2015. There are e-journal subscriptions and journals with IEEE, ASME and ASCE. There is the ProQuest Engineering Computer and Management Collection with the e-book titles. There is dedicated academic process manual which defines library management process under ISO 9001:2015 followed diligently at the institutional level.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://pccoelg.knimbus.com

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

B. Any 3 of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

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

19.20973

File Description	Documents
Audited statements of accounts	No File Uploaded
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

510

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Response: There is an increasing demand for internet access in educational campuses due to evolving standard of education and flexibility offered by the Internet - universities, colleges, educational institutes etc., are keenly stepping forward to setup secured and stable wired or Wi-Fi network campus for their students.

The institute has a 24X7 WiFi facility in the college campus for the student and faculty members to avail internet connection in the campus and hostel. The connectivity through a fully networked campus with state-of-the-art IT infrastructure, computing & communication resources, offers students the facilities of e-mail, net surfing, up/down loading of web based application, besides helping them in preparing projects and seminars. The usage of Cyberoam firewall to prevent illegal access of internet is scrupulously followed. The institute has state of the art computing facilities for the students on campus. In this regard, institution has established Wi-Fi devices at 17 different locations. These locations cover the campus in entirety and sufficient bandwidth of 600Mbps is dedicated for the same. Video conferencing facility is available in all departments for Online Teaching learning with all the required state of the art setup.

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

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3879	1636

File Description	Documents
Upload any additional information	No File Uploaded

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

the Institution and the number of students on campus	

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	A. All four of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

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

194.35756

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

Response : The institute provides state of the art infrastructure to address the need of an effective teaching and learning process. The policy is to provide educational infrastructure for students in terms of laboratories, software and equipment, library resources, and well-furnished classrooms etc. The infrastructure

facilities are enhanced by addressing the needs of students and faculty members to support research, product development, etc. The institution ensures optimal allocation and utilization of the available financial recourses for maintenance and upkeepment of different facilities by holding regular meetings of various committees constituted for this purpose and using the grants received the college as per the requirements in the interest of students.

The AICTE has laid infrastructure norms for disseminating the teaching and learning process. The institute follows the guidelines for facility development and submits the report to the AICTE for ensuring the available resources to suffice the infrastructure need for academic growth.

Each of the programs, run by the institute, are provided with the required academic and administrative infrastructure as per AICTE norms in the form of class rooms, laboratories, tutorial rooms, seminar rooms and faculty rooms.

- Zero Deficiency Report from AICTE is obtained every year which ensures that the availability of the infrastructure is in line with the academic growth
- All the class rooms are equipped with CPU, LCD Projectors and screens and internet accessibility.
- All required well equipped laboratories with multimedia teaching aids.
- Additionally there are central facilities like Innovation Center, Digital Library,
- Computer Center, Examination Control Office, Canteen, mess and Student Recreational facilities like Art Circle.
- The campus also provides adequate parking facility (approximately 2000 two wheelers for students only) for two wheeler and four wheeler vehicles

- Maintenance committee takes care of academic infrastructure and facilities. A well-defined organizational structure and Processes are established and followed as per the norms of ISO 9001:2015 (drafted in Maintenance and Fire and Safety Process Manual) to carry out the day to day maintenance of these facilities. Maintenance committees carry out work in following major areas –

  a) Mechanical Maintenance

b) Electrical Maintenance

c) Civil maintenance

d) Fire and Safety

e) Computers and Peripherals

These committees have defined objectives to ensure regular upkeepment and maintenance of all facilities. Activities of these committees are reviewed regularly through review reports and internal audits. Preventive maintenance schedules are prepared and monitored.

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 benefitted by scholarships and freeships provided by the Government during the year

2043

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

59

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	http://www.pccoepune.com/
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

1269

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 adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances

B. Any 3 of the above

through appropriate committees

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

505

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

5.2.2 - Number of outgoing students progressing to higher education

24

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

87

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

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

3

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Response : The institution believes in a holistic education that addresses intellectual, physical, emotional, spiritual, and social needs and capacities of students that help them become their best self in the service of society at large.

Students are given opportunities to develop and nurture their leadership qualities through Student Associations, Student Council, Student Cells and work as volunteers in various events organized at Department/Institute level.

PCCoE has a dedicated Student Development and Welfare Cell that strives to give an indigenous platform to all the budding engineers to groom themselves holistically. Students have active representation on academic and administrative bodies and committees of the Institute. In First Year level of Engineering, Reader’s Club and Mathematics Club is formed to nurture team building skills. Each department has an active student association MESA, ETSA, CESA, ITSA, CiESA etc. The overall development of students by conducting various social and professional activities which strengthen and enrich the community within the department is the prima facie of these student associations. The students hold good positions of President, Secretary and Treasurer in these student associations. Apart from this IEEE Student Chapter and ACM

Student chapter are active in the institute and there is good student representation in such chapters at organization level and participation level too. Students are also encouraged to join or form special interest groups that allow them to connect with and contribute to their learning community. There is active exemplification by the BAJA-SUPRA student team with elected representatives, which has a pivotal role in bagging major awards consecutively in competitions held.

Cultural and Sports Committees Students have strong representations in all cultural and sports games committees and help in organization and management of events. The institute has set up NSS to sensitize students towards societal issues and community services, activities of which is mainly carried out by the students.

Various personal and professional skill development programs viz. Communication and Soft Skill programs, Aptitude Training, Technical Skill enhancement programs, Foreign Language Certification Courses, Personal and Spiritual Development Programs, Entrepreneurship Development Activities, and Preparation courses for competitive Examinations (Gate/GRE/CAT/MPSC/UPSC etc.) are made available on campus through various professional agencies.

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

5.3.3 - Number of sports and cultural events / competitions organised by the institution

13

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

Response : The institution strongly believes in creating and maintaining association with its alumni. There is a cohesive interface between alumni and the institute. PCCOE has registered Alumni Association. Registration Number : Maharashtra/150/2005/Pune. There is Alma Connect portal where thousands of alumni have already registered. The institution takes pride as alumni have proved their mettle at different strata of the society be it as entrepreneurs, working at global level or pursuing higher education at prestigious institutions worldwide.

The institute fosters a strong bond with its Alumni. There is alumni meet organized to reconnect with the Alma mater which serves as the best platform for networking and sharing new trends and current happenings in corporate world. During the meets, alumni are informed about the progress happening in the institute. Every department maintains strong association with their alumni. The alumnus actively interacts with institute and the current students through several programs.

Alumni always come forward to bring up learning environment of the campus and have also provided job opportunities and internships to the eligible and aspiring students. It is a regular practice of the Institute to invite eminent alumni to discuss along with students and to deliver lectures. They participate in activities that would contribute to the general development of the institute. The alumni have conducted numerous academic sessions on Preparation for Interviews, Mock Interviews and Group Discussions. The undergraduate and postgraduate students get benefitted through their knowledge sharing and expertise. These inputs are helpful to academicians for moulding the aspiring students. They help in conduction of conferences, workshops, seminars, symposia etc. They contribute wholeheartedly to make available placement opportunities, internship programs, projects, and other resources and facilities for career advancement.

Alumni representation is evident at various academic bodies in the institution. This helps to improve and upgrade quality of education as per requirement of industry and society with the involvement of the alumni. They bridge the gap and provide ample opportunities to promote entrepreneurship, innovation among the

student community at large.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	http://www.pccoepune.com/AlmaConnect.php

5.4.2 - Alumni's financial contribution during the year	E. <2 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

Response:

VISION

To serve the Society, Industry and all stake holders through Value Added Quality Education

MISSION

To serve the need of the society at large by establishing state-of-the-art Engineering, Management and Research institute and Impart Attitude, Knowledge and Skills with Quality Education to develop individuals and teams with ability to think and analyze right values and self reliance.

Since its inception, primary focus of the management was to cater growing needs of the Industry and Society at large and provide value based education to masses at affordable cost, simultaneously grooming students to global standards. The institute functions proactively to provide the best professional environment to engineering and management students in terms of academics, project

based learning, industry oriented trainings, international exposure, sports, co-curricular and extracurricular activities, cultural activities, various competitions etc. to create true aesthetically sensitive, socially committed and technologically competent engineers and management professionals. The Institute is able to witness progressive growth due to its Excellent Governance, Entrancing Leadership and Inspirational management. The Governing body of the Institute chaired by the Chairperson fosters the spirit of participative management and prime focus on developing the healthy culture in the Institute. The Vision, Mission has been set up to make the Institution the most favorable and promising place to achieve technical competence and carry out Engineering Research for all of its stake holders in the Society. Institution is working on four pillar philosophy that is academic excellence, Innovation & research, Professional competence of students and Social commitments.

Perspective plans of the Institution:

Through participative management, the faculties are involved in various decision making bodies of the institute. The policy framework and strategic planning are carried out according to consultation with stake holders. Formulation of action plans and defining the policy objectives attempts to address the issues of systematic change to provide quality education. The institution has a Perspective Plan in place to help it develop in a systematic, well-thought-out and phased manner. The major have been putforth here as follows:

- NAAC Accreditation
- ISO re-certification
- NBA re-certification
- Minor and Honor Degree certification facility to students.
- International Student Exchange Programmes
- Research and Collaborations

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	http://www.pccoepune.com/best-engineering-college-in-akurdi.php

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization

and participative management

Response : PCCoE envisages decentralization as a basic requirement for creating conducive environment for participation and accountability at each level of administration.

The institute believes in establishing the “Working Together culture” that develops cohesive and harmonious environment in the departments and creates belongingness. With these focused objectives, the efforts have led to the systematic mechanism of delegation of the authority and provided operational autonomy to all the heads / in-charges of respective departments.

The academic and administrative responsibilities of the College are carried out by the Principal, Deans, Head of the Departments, Registrar. Well defined hierarchical administrative and implementation model is established with their authorities and responsibilities.

Academic Monitoring and Control

Discipline is diligently practiced to ensure academic monitoring and control. Academic Monitoring and Control committee take continuous review of academic processes in the institute. The holistic growth of students is one of the main objectives. Faculty members and staff demonstrate the similar commitment to discipline in academics.

Before commencement of the term, academic calendar is prepared. Faculty members planlectures and allied academic activities for the entire semester and all the academic coordinators ensure that the activities are conducted as per schedule in the internal academic monitoring. Academic coordinators monitor the day to day academic activities and reviews are taken through academic review meeting (ARM) conducted twice in a semester. Quality of academic activities is ensured through the team specified with various checks and meetings. The academic audits (internal and external) ensures the overall quality of teaching and learning process and outcome is measured through academic results, placements, industry-institute interactions and quality projects.

Following are major highlights of disciplinary measures

- **Timely academic planning and Communication to all students and faculty members**

- **Attendance in lectures and laboratories on time by students and faculty members**
- **Expected discipline in classrooms and laboratories focused on task in hand and leading to maximum utilization of time**
- **Observation of ethical and professional behavior while on campus**
- **Carrying identity cards**
- **Justified and systematic way of using common utilities such as Library, Canteen, Mess, Parking area and internet**

Parents have been appreciating this disciplined approach towards the academic and other practices. They have always reciprocated that this environment leads to an understanding, responsive and professional personality of their ward and girl parents have also shared their good experiences stating that the campus is quite safe and conducive. All happenings are tracked with proper concern to individual student.

File Description	Documents
Upload strategic plan and deployment documents on the website	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Paste link for additional Information	http://www.pccoepune.com/policies-for-academic-and-admin-staff.php

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Response: PCCoE a premier institute has predominantly outstood with major milestones in academic excellence and holistic development of the students. The sanctity of scrupulous planning to process mitigation, the philosophy of Outcome Based Education is evident through all the programs in the institute.

Academicsin PCCoE :

- **Exceptional planning and execution methodology**
- **Stringent Academic practices**
- **Experienced and well qualified faculty members**

- Knowledge and skill based support for placement activities
- Stake holder satisfaction and feedback considerations for improvements
- Excellent Results and maximum university rankers

Teaching and Learning

Institute is driven by the disciplined academic culture which is established to address the learning needs of students. Institute follows the philosophy of Plan-Do-Check-Act while implementing the teaching-learning process meticulously in line with academic calendar. This process ensures systematic planning, intended execution, scrupulous monitoring and necessary improvements.

Our theme and practice of “Value Based Quality Education” shape engineers with competency and with strong sense of societal values.

As an outcome of this work, the institute has defined its quality policy in accordance with the vision and mission and further framed all the processes and records it covering each and every activity of the college imbibed in the functioning of four pillar philosophy.

Academic Planning for Implementing the Curriculum:

Institute and Department performs systematic planning for the implementation of curriculum which includes-

- Resource Planning: Infrastructure, Books, faculty members and staff etc.
- Schedules: Academic Calendar, Event Calendar, monitoring activities, Meetings etc.
- Content Planning: Teaching Plan, Content Delivery Methods, Question Paper, Course Presentation, Learning Resources etc.
- Events and Activities: Curricular, Co-curricular, Extra-curricular including Games and Sports.
- Schedules: Academic Calendar, Event Calendar, monitoring activities, Meetings etc.
- Content Planning: Teaching Plan, Content Delivery Methods, Question Paper, Course Presentation, Learning Resources etc.
- Events and Activities: Curricular, Co-curricular, Extra-curricular including Games and Sports.

Institute and Department follows a hierarchical structure to perform and review the planning of curriculum content for

qualitative execution of teaching-learning process.

The plan prepared by course faculty is deployed through various planed Course delivery methods and activities which include Content Delivery, Laboratory Demonstrations, Project Based Learning, Seminars, Guest lectures, Internal evaluations etc. The schedules are followed scrupulously by the faculty membersand following is ensured during the execution of the same:

- **The course outcomes and assessment tools to ensure attainment of course outcomes.**
- **Appropriate Content Delivery Methods are used for the effective course delivery to meet the Program Outcomes.**

The Departmental Meetings are held periodically to discuss the implementation of the course curriculum.

File Description	Documents
Strategic Plan and deployment documents on the website	**No File Uploaded**
Paste link for additional information	http://www.pccoepune.com/policies-for-academic-and-admin-staff.php
Upload any additional information	**No File Uploaded**

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

Response: Pimpri Chinchwad Education Trust (PCET) was established by Late Shri. S. B. Patil in the Year 1990 with a vision to provide Value Added Technical Education and entered in multidimensional field of education as grown up, to Society in multiple dimensions,right from Nursery to Doctoral Programs in all Professional Streams; enabling all our students to achieve Freedom through Education.

The Governing Body (GB) is formed as per the guidelines given by AICTE as per appendix – 19 of New Approval Process Hand book. The Meeting of Governing body is conducted twice in a Year.

The Local Managing Committee (LMC) is formed as per Section 85 of Maharashtra University Act, 1994.Meetings of LMC are held thrice in a year for regular review and follow – up of the various developmental activities in accordance with the Vision and Mission

Statements, Long Term and Short Term Goals, Objectives and Policies framed.

Regular Meeting of Deans, HODs, Section In charges for overall Planning, Coordination, Monitoring and Control are conducted by the Director.

Subsequently regular Departmental Meetings are held by the respective Head of the Departments, Section in-charges and Committee / cell in-charges for efficient functioning of Academics, overall development of students and monitoring of Developmental Activities.

Additional Committees / Cells

Institutehas formed various additional Committees / Cells and the functions of these Committees/ Cells are properly defined, considering the overall development of the Institute.

The Directoradministers various Academic Activities and other related Developmental Activities, Students and Staff Welfare Activities through Dean Academics, Dean Quality Assurance, Dean Research and Development, Dean Industry Institute Interaction, Dean Students Development and Welfare, Dean International Relations, Departmental Heads, Registrar, Librarian and Rector / Matron. Regular Meetings are held with Deans, HOD sand Section In charges to effectively plan, implement and monitor &control various Academic and Administrative functions of the Institute.

The Function of these Committees / Cells is to plan and execute various activities in accordance with Vision, Mission and Objectives of the College and its overall development. This also aims at active participation and involvement of all Teaching and Supporting Staff Members through Team spirit and work with synergy.

File Description	Documents
Paste link to Organogram on the institution webpage	http://www.pccoepune.com/organization-chart.php
Upload any additional information	No File Uploaded
Paste link for additional Information	http://www.pccoepune.com/policies-for-academic-and-admin-staff.php

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) Documen	No File Uploaded
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Response: The Institute believes that the well being of faculty members and non-teaching staff is important for effective functioning of the Institute. In line with this, many welfare measures have been implemented and have been listed below:

Welfare schemes for Faculty Members:

• GIS (Group Insurance Scheme)

• Maternity leaves for ladies staff

• Faculty is deputed for PG and Ph.D. program with salary (as per policy).

• Gratuity

• PCETs employee cooperative society Ltd. (for person loan at lower interest rate)

• EPF to all staff members

• Leaves as per the norms to all staff

• Support for Higher Education/ Skill enhancements.

Non-teaching staff:

• GIS (Group Insurance Scheme)

• Gratuity

• PCETs employee cooperative society Ltd. (for person loan at lower interest rate)

• EPF to all staff members

• Leaves as per the norms to all staff

• Maternity leaves for ladies staff

• Allowed to attend training programs/workshops with leave and registration fees.

• Support for Higher Education/ Skill enhancements

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://www.pccoepune.com/

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

13

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

45

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

131

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

Response: The Institution has established a mechanism for conducting internal and external audits on financial transactions every year to ensure financial compliance. Internal audit is conducted quarterly by the internal financial committee of the institution. The committee thoroughly verifies the income and expenditure details and the compliance report of internal audit is

submitted to the management of the institution through principal. External audit is conducted once in every year by an external agency.

Internal Audit:

- **The accounts and procedures of internal control of finance are carried out by the head of the accounts team on a day to day basis and quarterly audit is done by the internal auditor.**
- **Internal audits are conducted quarterly by the Accounts section of the College and the Chartered Accountant.**
- **The audit of accounts and submission of Quarterly return of 24Q & 26Q tax returns are carried out quarterly**

External Audit:

- **The accounts and procedures of internal control of finance are carried out by the head of the accounts team on a day to day basis and annual audit is done by the statutory auditor.**
- **The audit of accounts and submission of income tax returns are carried out regularly each year.**
- **There are no audit objections since the institution follows a good system of internal controls like calling quotations, comparison of rates, preparation of purchase order and approvals at every stage of such implementation and due verification of goods and services that are obtained after delivery or completion of works. No expenses are incurred without proper approval or sanction by the Head of the institution.**

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

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

1.05206

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

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

Response : The institute takes utmost care for preparing its Financial budget, its allocation and utilization by the respective departments and sections. There are various budget heads taken into consideration and as per the requirement the allocations are done.Following is the process which is followed to prepare and allocate the budgets for the institute.

Budget preparation and its allocation:

- **The Academic Departments and other Sections such as Library, Training and Placement, Administrative Office are asked to prepare and submit the Budgeted Expenditure for major Heads such as Laboratory Equipment, Consumables, Software, Maintenance, Library, Students and Staff Development, Research etc.**
- **Considering the requirements for next Academic Year, Natural Growth in Students Intake, expected Receipts through Fees and previous Year's actual Expenses, the Budget for the next Financial Year April to March is prepared.**
- **This Budget is put for Discussion, Review, Suggestions and Recommendations in the Meeting of the Local Managing Committee.**

- **The Budget after recommendations of Local Managing Committee; is put up for Considerations and Approval in the Governing Body Meeting which is normally convened in the month of March for this purpose.**
- **After getting Approval to the Budget by the Governing Body, the appropriate Allocation of Budgeted Funds against various expenditure heads is made to the Academic Departments and Sections; based on the tentative Budgets submitted by them.**
- **The allotted Budget is informed to Heads of Departments and Section In charges for further necessary Processes.**

Periodic Reviews of actual expenditure incurred against the

allotted Budgets are taken in the Meetings of the Local Managing Committee and put up for Approval in the Meetings of the Governing Body.

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

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Response : PCCoE has well established Internal Quality Assurance Cell (IQAC) instrumental in management of quality procedures at institute. To support incremental improvement in institute IQAC is handling accreditations and rankings and observing statutory requirements and related improvements.

The IQAC is actively involved in improvements in academics, Industry Institute Interactions and other quality initiatives. After NAAC accreditation, PCCoE applied for Autonomy and successfully received Autonomy implementation permission from academic year 2020-21. Similarly under the guidance of IQAC the ISO Quality model at PCCoE upgraded from IOS 9001:2008 to ISO 9001:2015. The PCCoE received NBA accreditation for three departments viz. E&TC. Mechanical and Computer Engineering during compliance NBA visit.

The objective of IQAC is to promote quality initiatives for improvements in existing systems and to support autonomous activities for establishing Autonomy.

The activities recommended and implemented in academic year 2020-21 are as follows

1. **Department of Civil and Information Technology are encouraged to apply forNBA accreditation and supported with constant reviews.**

2. Training program for NBA criteria in charge of all departments was organised.

1. Need of ISO 9001:2015 Certification was discussed and it was recommended to apply for it. The efforts are taken to revise the Process Manuals. The certification received from Dec 2020 and is valid till Dec 2023.
2. NIRF rankings and other reputed award’s requirements were discussed and applied for the same.
3. IQAC is actively involved in establishment of Autonomy by supporting in Syllabus Drafts, Examination process establishment.
4. IQAC encourages various trainings for faculty members, Students' Competitions, Students and Facultyindustry involvements through various initiatives.

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

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

Response : The teaching learning process, Methodologies of operation and learning outcomes are periodically reviewed by IQAC. PCCoE has structured review process and IQAC coordinator and team is actively involved in all reviews for improvement in system implementation. The Management Review Meeting (MRM), Academic Review Meeting (ARM), ISO Internal Audit, ISO Surveillance Audit and Academic Audits are the instances of reviews exits with specific frequency.

1. Management Review Meeting:

All Deans, HoDs, Registrar and PG Coordinators are expected to present their departments planning, Methodologies used, achievements and outcomes to Director Sir, IQAC Coordinator and Team. The frequency of this meeting is once in semester or half yearly. During presentation all are requested to majorly highlight percentage attendance, percentage syllabus coverage, unit test analysis, result analysis, activities conducted, and action taken

against students suggestions.

2. Academic Review Meeting:

Academic Review Meeting (ARM) is conducted by Dean Academics to review Teaching-Learning Processes in the current semester. The frequency of this meeting is twice a semester for UG and PG Separately. IQAC team is involved in observing the conduction of academic processes and their reviews. Department Heads and academic coordinators demonstrate their academic activities, students involvements, lecture conduction, and outcomes.

1. ISO Audits:

PCCoE is ISO 9001: 2015 certified institute, the internal audits and surveillance audits are regularly conducted institute with frequency of half yearly and yearly respectively. The processes related to Academics, Research and Innovation, Student Development and Welfare, Industry Institute Interaction and Administration are stringently audited under the planning through IQAC Cell.

3. Academic Audits

To establish the autonomy in PCCoE, IQAC is putting efforts with help of the Academics section to design courses effectively considering all recent requirements of industries. The course-wise audit is conducted to check the effective implementation of content delivery and internal evaluation.

During Academic year 2020-21, ARM, MRM, ISO Internal audits, and academic audits are conducted effectively with one External Audit by TUV NORD for certificate continuation under the supervision of IQAC.

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

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	**A. Any 4 or all of the above**

File Description	Documents
Paste the web link of annual reports of the Institution	http://www.pccoepune.com/newswire.php http://www.pccoepune.com/accreditation.php
Upload e-copies of accreditations and certification	**No File Uploaded**
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	**No File Uploaded**

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

Response : PCCoE shows gender sensitivity through various initiatives and actions for creating safe and secure conducive environment in the campus. Sensitization of the students is done through special lectures and functions. PCCoE has set up Internal Complaint Committee(ICC) for maintaining the healthy and safe environment for girls and women employees in the campus.

Objective

- **To create a healthy environment in the campus where every women feels safe and self confident without any problems relating to gender discrimination and sexual harassment.**

Functions of ICC

- **To address the informal and formal complaints of any female employee or student as specified in the objectives of the**

cell.
- To ensure the fair and timely resolution of the complaints.
- To provide counseling and support services on our campus.
- To promote awareness about sexual harassment through educational initiatives that encourages and fosters a respectful learning work environment.

There are two separate hostels for boys and girl students that exist on the campus. The rector and warden diligently take care of the students with well defined rules and policies. The campus has strong security personnel deployment. The medical facilities are at place and the institute has tie-up with nearby hospital for medical emergencies.

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

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

File Description	Documents
Geotagged 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 a maximum of 200 words)

Response : The institute has a lush green campus and has received awards for upkeepment. The procedure and practices are putforth by the institute and the processes are diligently followed. The institute conducts the Green Audit to review the overall environment management systems. Green audit for an educational institution mainly examines the following systems-

- Water Management
- Waste Management

- Biodiversity
- Health and safety management
- Sanitation management
- Adopted Green practices

Necessary awareness has been created on the campus for solid and liquid waste management.

Sources of waste generation on the campus are:

Waste water : There is a PCMC water purification plant is located at the upper elevation from PCCoE.

Solid Waste: Garden waste is disposed off in bins and is collected away by PCMC vehicle, once in 15 days generally and in between if required.

Biomedical waste disposal is hygienically taken care of by the waste management team and is discarded with help of PCMC.

Cleanliness is satisfactorily maintained on the campus. Indoor cleaning has been outsourced to a housekeeping agency. The sanitization has been adequately taken care of and checks have been made regularly.

E-waste Management is managed as per the norms of PCMC.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	View File
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
Geotagged 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: 1. **Restricted entry of automobiles** 2. **Use of bicycles/ Battery-powered vehicles** 3. **Pedestrian-friendly pathways** 4. **Ban on use of plastic** 5. **Landscaping**	A. Any 4 or All of the above

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

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards** 5. **Beyond the campus environmental promotional activities**	D. Any 1 of the above

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

B. Any 3 of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing 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, socio-economic and other diversities (within a maximum of 200 words).

Response : PCCoE believes in holistic development of students. The zeal and enthusiasm with which the students, faculty members, and staffof the institute come together united bring unity in diversity. Caste,creed or religion is immaterial in the campus. During pandemic, virtual meets were organized by the student associations. The NSS activities provides an inclusive environment

by bringing students and facultymembers, and staff memberswith diverse backgrounds to render services to the humanity and cater the social awareness need of society.

Charity events are conducted through Art Circle team under Students and Development Welfare Cell which brings together sensitivity and harmony towards cultural and linguistic diversities and sensitizes audience at large on societal issues. There are audit courses included in curriculum that speaks volumes on professional ethics and Constitution of India. Two important national festivals, Republic Day and Independent Day are celebrated every year in campus and all students and staff participate for the cause of the Nation. The inspiring speeches and acts are conducted on such occasions.

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

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

Response : PCCoE believes in holistic development of students and imparts Value Added Quality Education. As part of strengthening the democratic values and social responsibility, NSS Team carried out various programs such as Covid Awareness programs, Donation drives, Cleanliness Drives, Swachh Bharat, Tree Plantation drives, etc. Republic Day and Independence Day are celebrated on the College campus and are attended by faculty membersand students. As Covid protocols needed to be followed, live streaming of the same was organized for students and employees of the Institute. Audit Course on 'Constitution of India' is included as part of the curriculum for FYMTech and SYBTech, to sensitize students regarding the values, rights, duties, and responsibilities of citizens.

File Description	Documents
Details of activities that inculcate values necessary to transform students into 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 sensitization 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 Annual awareness programmes on the Code of Conduct are organized	**A. All of the above**

File Description	Documents
Code of Ethics - policy document	**No File Uploaded**
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	**No File Uploaded**

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

Response: PCCoE is committed to promotingethics and values amongst students and faculty members. In order to continue encouraging this,the institute organizes national festivals with great zeal and enthusiasm.

The departmental student associations organize Teacher’s Day(5th Sept) as birthday of great teacher Dr. Sarvapalli Radhakrishanna with great vigor and cheer. Engineer’s day (15th Sept) as the Birth anniversary of Sir M. Visvesvaraya, the great Engineer of the country. There is intercollegiate mega event organized by each of the departments with great enthusiasm. It provides a great platform for budding engineers.3. International Women’s day (8thMarch) with active participation of all women staff members is organized with inspiring talks and programmes . 4. International Yoga day (21stJune) 5. Independence day(15thAugust) 6. Republic day(26thJan) .

The institution practices optimistic approach towards all religion

functions and encourages the students and faculty members to showcase the same. The institution conducts all these activities throughout the academic year. All these activities of celebrations and organizations of important events, commemorative days and festivals have become instrumental and helps building today's youth. Importance of national festivals and events address them and prompt them about the country's cultural heritage and history.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	No File Uploaded
Geotagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Response :

Best Practices at PCCoE

1) Special Interest Group

Being an important pillar of Engineering Institute, Research and Innovation have its own inclination in PCCoE. PCCoE always tries to inculcate the research culture among the students and the faculty members. Research and Innovation are an inseparable part of an academic institute. Inspite of around 1000 paper publications and around 100 patents, PCCoE strives hard to be in the race of competitive edge. The indicators of this competitive world are number and quality of publications, a number of thesis/dissertations defended, citations received, IPR, patents, and research / funded projects, etc. All above indicators can be strengthened through the seamless performance of faculty membersand students, therefore PCCoE has come up with SIG groups.

One of the major objectives is to create curiosity among peers to acquire the state of art knowledge and a culture of subsequently

pursuing research in a similar area with perseverance. It can be achieved through peer learning and hand-holding. It encompasses a broad range of activities through which talent cultivation, scientific research, and innovation can be explored.

SIG Coordination at PCCoE is an initiative to rejuvenate the Special Interest Groups,and bring them on one common platform for sustainable development of an individual that leads to the institute’s growth.

2)PCCoE Darpan Fellowship

The PCCoE fellowships for Informative and Insightful Faculty Website Development is a good practice that has been initiated by the Institute. This is to encourage the PCCoE Faculty Members to develop websites to offer good insight and high information quotient.

The evaluation is carried out by external evaluators on the criteria including but not limited to

- Website professional look
- Presence of appropriate information on the website
- Content presentation on website
- Ease of browsing the website
- Overall design and thoughtfulness in website design
- Presence of Teaching-Learning material on the website
- Interactive nature of the website
- Availability of appropriate PCCoE Information on the website
- Number of Visitors
- Overall Impression

The expected outcomes of the fellowships have been :

- Encouragement to faculty members for more professionally maintenance of their websites
- Branding of Individual faculty members along with Institute Branding
- Availability of extensive Teaching-Learning Material by faculty members on websites
- Creation of interest of faculty members towards making their websites more up-to-date, informative, and interactive

Link of Few Websites:

- https://sites.google.com/view/drmbkadam/home

- **https://sites.google.com/view/ladekar**
- **https://chaitralilandge.wixsite.com/my-site**

File Description	Documents
Best practices in the Institutional website	http://sig.pccoepune.com/sig_events.php
Any other relevant information	**Nil**

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Response:

1. **Innovation in Education: PCCoE always strives to impart value added quality education that satisfies the need and expectation of society and industry at large. Being an autonomous institute, different innovative steps in curriculum framework is putforth. Some glimpses: Innovation through V lab, online teaching through Bodhitree, flipped classes etc.**
2. **Research activities: To nurture the R&D culture by promotion of quality research work, facilitating innovative thinking and creation of intellectual property, enhancing the capability of sponsored research and consultancy, and providing necessary infrastructure and financial support for the same.**
3. **Innovation Centre, Incubation Centre, Entrepreneurship: Considering the need of young technocrats, efforts to be channelized towards Incubation Centre materialization and opportunities. The Institute encourages interested students to take up entrepreneurship. The students are encouraged to take up mini projects, participate in SAE-BAJA, Solarium, TIFAN, Hackathons, project exhibitions, etc.**
4. **Industry Institute Collaboration: Long-term association with many reputed Industries is set for the following purposes: (a) Student Projects (b) Internships and Placements (c) Faculty training and Collaborations.**
5. **Opportunities in abroad Universities through foreign universities collaboration: PCCOE's International academic collaborations foster to support and encourage scientific,**

cultural, and educational cooperation and exchange between universities to strengthen research quality and learning.

6. Student-centric model of education and overall development.

No stone is left unturned in order to develop the competency of students.

File Description	Documents
Appropriate link in the institutional website	http://www.pccoepune.com/
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

Response : The growth of the Institute has been progressive since inception due to its Excellent Governance, Entrancing Leadership and Inspirational management.The institute functions proactively to provide the best professional environment to the budding engineers to create ethically strong, socially committed and technologically competent engineers and professionals. The Governing body of the Institute chaired by the Chairperson fosters the spirit of participative management and the prima facie always remains in the building and consistently upkeeping a harmonious and conducive environment in the Institute. The Vision and Mission have been set up, to always strive to make the Institution the most favorable and promising place to achieve technical competence and cater to societal needs through technological advancements through engineering research. Perspective plans of the Institution: Through participative management, the faculty membersare included and engaged in key areas of decision making, for the betterment of the institute and to maximize stakeholder satisfaction. The policy framework and strategic planning are carried out according to consultation with stakeholders. Quality Education is the core aim and formulation of action plans, policy objectives, and the work culture, altogether are synchronously blended to address the same. The institution has a Perspective Plan in place to help it develop in a systematic, well-thought-out, and phased manner. The major has been put forth here as follows:

- NAAC Accreditation
- NBA re-Accreditation
- Research and Collaborations

a)Long term association with many reputed Industries for the following purposes : (a) Student Projects (b) Internships and Placements (c) Faculty training and Collaborations

b)Innovation Centre, Incubation Centre: Existing Innovation centre caters to the need of innovation and incubation which is planned to be expanded further with state-of the-art facilities to strengthen research in various identified thrust areas. Considering the need of young technocrats, efforts to be channelized towards Incubation Centre materialization and opportunities.

c) Strengthening of Industry -Institute Interaction: PCCoE-Manthan, an initiative to bring together around 200 industries on a platform is initiated. Laboratory development and 24x7 laboratory access for students with an ambient research culture is the aim ahead. Co-teaching in Academics, where Industrial mentors can share the expertise to bridge the Academia-Corporate gap is initiated.

Channelized efforts in this direction is being undertaken to strengthen the Industry-Institute interaction.

Institute is coming up with following prioritized action points for next academic year.

A. Preparation and Submission of NBA SAR for UG Programs of IT, Civil, Mech. Comp and E&TC programs

B. Enhancement in Quality Research Publications with next year target of getting minimum 150 Scopus/WoS indexed research papers published

C. Strategic Planning for enhancing median salary of student placements with 'Platinum Placement Project'

D. Preparation of NAAC SSR for the next accreditation cycle

E. Exploration of including 'Open Book Test' in the assessments methods for attainment of COs

F. Provisioning 'Seed Funding' to Faculty members for Research Projects

Overall, the Institute aims to embark a journey towards Global Recognition with all dedicated and sincere efforts.

NAAC