Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**PCET'S PIMPRI CHINCHWAD COLLEGE OF ENGINEERING**
Name of the head of the Institution	**Dr. Govind N. Kulkarni**
Designation	**Director**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02027653168**
Mobile no.	**7743820774**
Registered Email	**principal@pccoepune.org**
Alternate Email	**pccoeadmin@gmail.com**
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**

Pincode	411044
2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	private
Name of the IQAC co-ordinator/Director	Dr. P. A. Deshmukh
Phone no/Alternate Phone no.	02027653166
Mobile no.	9422239532
Registered Email	Sudeep.thepade@pccoepune.org
Alternate Email	leena.sharma@pccoepune.org
3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://www.pccoepune.com/pdf/naac-iqac/AQAR-2018-19.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.pccoepune.com/naac-iqac.php#
5. Accrediation Details	

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.2	2017	27-Nov-2017	26-Nov-2022

6. Date of Establishment of IQAC	05-Jan-2019
7. Internal Quality Assurance System	

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

IQAC Committee Formation	05-Jan-2019 1	22
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	2
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. 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 College. This culture is consistently maintained through numerous initiatives taken by the IQAC Cell through the year. • Preparation of Autonomy : Under the guidelines of GB, LMC and IQAC the preparation of Autonomy report started and the Autonomy visit was successfully conducted in the month of September 2019. The autonomy is granted as a result of quality efforts taken by the PCCOE team. • 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. • Decision to apply for third cycle of the NBA : To ensure the project based learning and assessment of the academic and administrative activities, the institute has decided to continue with Outcome

Based Education philosophy. In view of this we have decided to apply for the third cycle of the NBA. • Research Impetus and Collaborations: To give an impetus to the research in all the departments, the institute has aligned its special interest groups with the thrust areas like Education, Medical Sciences Health Care, Food and Agriculture, Energy, Environment, Transportation, Communication, etc. The teachers 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. They are encouraged to send 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.

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

Plan of Action	Achivements/Outcomes
Planning and scheduling of various academic Activities	Academic Calendar for every semester accommodating university exam schedules.
Art of Living Yes+ Program: (24 Hrs Program)	It is a lifeskills program designed specifically for students to accelerate personal allround excellence. It is a smooth blend of Meditation techniques, Yoga, Pranayama and Sudarshan Kriya with contemporary intellectual exchanges and 700 First Year engineering students being the primary beneficiaries of the same.
Profiling /Language Proficiency /Psychometric Tests:	A profiling or proficiency test for all 692 FE students is carried out in past few years to make an evaluation of students personal attributes, skills, proficiency, values and life skills in an effort to maximize his or her learning performance by counseling them to prepare their learning plan. These results obtained are further passed on to the PTGs of respective students. Students are accordingly further counseled for better performance and overall development.
Personality and Communication Skill Development Programs: (20Hrs Program) and Aptitude and Soft Skills Training: (80-100Hrs Program)	Aptitude and Soft Skills Training program of 80100 Hrs, 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.
Technical Add-on Certification	Various Technical Certification programs, Handson workshops on recent Technologies/Tools (viz. MSIT .net, Hadoop, Catia, Steam Engineering, PLC programming, StadPro etc.) are conducted in departments to ensure students readiness on skill sets required in Industry.
Internship / Placement initiatives	PCCoE has focused on employability of the students and carried many activities under dedicated training and placement cell, student development activities. Faculty members and students interacted with the industry delegates through various schemes like TIFAC, students chapters, add on courses, etc.
Interaction with core industries	Each department was encouraged to invite the industrial experts to guide / motivate the students and staff. Also faculty members and students were motivated to visit industries and work towards getting internship, placement opportunities for students, industry sponsored projects, etc.
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	25-Nov-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	Yes, the institute has MIS implemented to have an effective planning and control over Academic, Administrative and Allied processes. There are different modules in MIS that are practiced through Enterprise Resource Planning (ERP). The entire flow of

	information is controlled, executed and monitored through various modules in • Academics: Student Admission, Academic load distribution, Time table, Teaching plan and execution, Academic monitoring reports, Student Progressive assessment, Attendance monitoring and communications, Examination management, Student Feedback etc. • Administrative modules: Employee Information management (HR), Employee Leave Management, Payroll Management, Student Fee Management, Finance and Accounts through Tally ERP etc. • Allied Processes modules: Hostel Admission module, Hostel Fee management, Library management through Web OPAC.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Response: PCCoE is an ISO 9001:2015 certified institute affiliated to Savitribai Phule Pune University (SPPU), Maharashtra. The sanctity of scrupulous planning to process mitigation, the philosophy of Outcome Based Education is evident through all the programs in the institute. Quality of the Teaching-Learning Process is the strength of PCCoE. The quality of the process is ensured by ISO standards that involves Plan-Do-Check-Act (P-D-C-A). The academic calendar displayed by the institute as per the SPPU guidelines is further used to prepare program academic calendar. Subject group meetings are conducted in beginning of semester to ensure stringent planning. Course plans are prepared by the course teacher. Disciplined academic monitoring monthly is conducted to ensure smooth conduction of teaching learning processes and to take necessary corrective actions. The academic practices are further elaborated: Scrupulous Planning: • Timely and Systematic execution – Program Academic Calendar, Event Calendar, Time Tables, Teaching plans, Events schedules etc. • Meetings of Course and Module Coordinators- Curriculum discussions, Resource requirements planning, Activity planning, COs formulation, Targets and attainment • Teaching using effective Content Delivery Methods (CDMs) relevant to contents and students abilities. • Planning of Extra Lectures for addressing complexity of curriculum • Delivery of Content Beyond Syllabus • Use of effective and relevant Teaching-Learning, Assessment Methods and beyond classroom teaching methods • Assessment through Direct and Indirect Methods with rubrics based assessment Make up actions towards student performance improvement • Identification of Defaulter Students Defaulter students who fail to regularly attend classes or perform and submit the assignments/ term work on time • Efforts - Counseling, Frequent addressing, Parent interaction, Reminders etc. Identification of Weak Learners • Students performing below the minimum level of expectation in Unit tests, University examinations • Efforts – Remedial Classes, Special guidance, Makeup tests, Special makeup activities • Departmental Meetings for Academic Monitoring, Institute level Academic Review Meetings (ARM) and ISO – Management Review Meetings (MRM) are conducted to ensure verification and validation of academic outcomes. Institute level ARM: - Syllabus coverage – Planned vs Actual for

theory and laboratory sessions - Student understanding and feedback – feedback analysis and improvement methods as required - Student assessment outcomes –Unit Test performances, Weak learners remedial measures, Progressive assessment and Mid-Term, End Term assessment - Academic actions needed for performance improvement. ISO – Management Review Meetings (MRM): - The four objectives namely Academic performance index, Research and Innovation index, Student professional competency index and Training and placement index with detailed risk and opportunities are identified and deliberated for academic year. - Process performance parameters related to teaching learning and improvement actions - Observations of Internal audit conducted - Students and Parents suggestions received through PTG, students feedback, suggestion box, parent meeting, their completion status - Review of overall performance of institute Overall a complete student centric approach with all processes diligently followed and percolated in the system.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
No Data Entered/Not Applicable !!!					

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		

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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
No Data Entered/Not Applicable !!!		

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
No Data Entered/Not Applicable !!!		

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
No Data Entered/Not Applicable !!!		

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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		

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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

Response: Effective feedback mechanism is vital to boost the teaching learning process. It encourages the instructor to further stimulate increased efforts for determining effectiveness and also help learners to maximize their potential ,elevate their awareness of strengths and areas for improvement and identify actions to be taken to improve performance. Formal mechanism is devised to obtain the feedback from students and stakeholders regarding academic and administrative processes. Well designed parameters and processes for teaching feedback is stringently adopted in the institute. There are two academic feedbacks conducted in a semester. Feedback from stakeholders is taken in various forms such as 1. Academic feedback through MIS 2. Student Feedback through Parent Teacher Guardian (PTG) Meeting 3. Course End Survey 4. Student satisfaction survey 5. Suggestion box 6. Parents Meet 7. Student Exit feedback 8. Alumni Meet 9. Employers feedback through various interactions. The collected feedbacks from the stakeholders are analysed at department level as well as at Institute level. The recorded responses are communicated through Head of the departments to the Principal office, Deans, respective Section and Portfolio in-charges for remedial actions. These feedbacks are compiled and reports are generated for further processing and necessary dissemination. This feedback essentially reflects the suggestions for improvements in the areas like academic processes, administrative processes, hostel and food facility on campus, Institute ambience, infrastructure and allied facilities. The feedbacks related with regular teaching – learning process is shared with respective faculty members. The necessary suggestions and recommendations for suitable content delivery methods, teaching learning aids, etc. are given to the respective faculty member. The informal feedback through PTGs, discussions with students and parents or suggestion box are received and analysed for further scope of improvement. The feedback related to academic process is analysed at respective departments and corrective measures are discussed in Program Assessment Committee meetings. The improvements are observed by the PAC committee members and informal suggestions are taken from the students in the class. The recorded feedback associated with the administrative processes is communicated to the respective process owners. The feedback suggestions which cannot be addressed at the department are forwarded to the Administrative office for corrective action. A meeting of Principal, Deans, HODs, Section In charges is convened as and when necessary and also at the end of each semester to address such issues. The necessary directions are given to the section incharges for the remedial measures and improvements. The alumni meets are conducted annually and their suggestions are considered for enhancing the overall academic culture of the institute. These suggestions results into enhancing the laboratory facilities, add on courses, higher studies and internship opportunities etc. The industry and employers feedback is taken through employer feedback form, interactions during placement drives and industry visits. This is further used to strengthen the collaborative efforts for teaching-learning, research impetus, to scale up higher studies and job opportunities.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
No Data Entered/Not Applicable !!!				

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	880	114	151	28	179

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
179	179	Nill	55	5	Nill

View File of ICT Tools and resources

View File of E-resources and techniques used

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Response: Mentoring is an effective and popular way of providing guidance and support to young students. Effective mentoring also helps to accomplish program goals, ensuring consistency and stability. Bridging the gap between the facilitators and students is crucial for a conducive environment in the institute. Mentoring is provided to the students mainly through : 1. General counseling (Parent Teacher Guardian Scheme): •PTG batches are allocated with due care, maximum contact hours a faculty has with a particular class is considered as one of the important parameters. This provides room for easily opening of the student to the PTG. The PTG in a way goes an extra mile to keenly observe and identify need of special care required (if any) and help to provide the same. There are discussions and the bond is fostered beyond the formal meetings as well, where student can share concerns and seek solutions as required. •PTG can work as mediator between institute and students. •They can create awareness about various SDW initiatives 2. Professional counselling: A professional counselor and an expert in psychology, Dr.Rajeev Nagarkar is available to guide and counsel the students. General information is sent to all students of all the departments informing them of the services extended by the cell and availability of the professional counselor. The students are encouraged to seek guidance on academic, general or psychological issues, if required. The key highlights are mentioned: - Counseling on emotional, social, mental and spiritual level. - Enhancing the skill of performers - Effective counseling, proper guidance at proper time and motivation with full involvement leads to the expected outcomes that are: • Good attendance • Excellent academic results overall performance • Increased Confidence level of students • Participation in extra-curricular activities • Overall development of students • Improved decision making ability 3. Academic Career counseling: •Extra efforts and counseling for weak learners in the class by course teachers and class teacher. Remedial lectures, Remedial Tests and Tutorial sessions are carried out for such students. Especially in MIII subject of Comp. Engg. SE students need special guidance and hence the Mathematics faculties arrange tutorial sessions in a batch of 15-20 students weekly and the outcomes are rewarding. • Counseling of students having less attendance by class teachers, academic co-ordinators and Head of Department. Detention cases are discussed with Dean Academics and Higher authorities. •Motivate students for participation in various events •Motivation to bright students in the class • Create awareness about placements and higher studies •Create awareness guide

for developing technical skills 4. Counseling Cell (works at institute level): •To identify the needs of the students and provide necessary guidance at institute level •To create awareness about various SDW initiatives •Channelize the efforts taken in counseling in various departments in the institute and improve the expected outcome in various areas. 5. Youth Empowerment and Skills (YES!) workshop: Inculcation of following skills: - Excellent performance in academics and professional life - Nurture morals and ethics among students - Develop sense of nationalism and social responsibility

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3521	179	1:20

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
168	179	Nill	9	29

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
No Data Entered/Not Applicable !!!			
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	FE	I	28/11/2019	11/04/2020
BE	SE	III	04/10/2019	20/04/2020
BE	TE	V	04/10/2019	13/05/2020
BE	BE	VII	04/10/2019	21/05/2020
ME	SY	III	23/11/2019	21/02/2020
MCA	MCA	III, V	23/11/2019	21/01/2020
BE	FE	II	22/05/2020	21/07/2020
BE	SE	IV	17/04/2020	29/09/2020
BE	TE	VI	17/04/2020	29/07/2020
BE	BE	VIII	17/04/2020	11/11/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Response: PCCoE is affiliated to SPPU and executes the recommended model curriculum for UG and PG students. The academic processes are scrupulously followed and monitored with Academic review Meetings and ISO Management Review Meetings. PCCoE being ISO 9001:2015 certified institute, the academic

qualitative outcomes are measured, targets set and attempts made to achieve the same. The internal examinations are conducted in form of Unit Tests. There are two such tests conducted in each semester and Open Book Tests in addition for the PG students. Uniformity in question paper pattern is followed by course teachers. There are subject group meetings held by course owners and members to discuss the same for better transparency and consistency. This student centric approach with timely efforts by faculties is one of the strengths of PCCoE. The exam team with Controller of Examinations notify the departments regarding internal and end semester examinations. Students and faculty are notified well in time. Academic coordinators and Head of departments ensure smooth conduction of internal examinations with the help of internal examination coordinators. Well defined schedule of internal examinations, seating arrangements, invigilation duty assignments, question papers as per prescribed pattern, everything is taken care of diligently. The process of internal assessment is very well defined, and transparent. Term work assessment as well as seminar project assessment is a well defined process, which considers student's consistency in performance, regularity, punctuality, sincerity, involvement of student in completion and submission of assigned work. The assessment is progressive. The outstanding feature of the process is consideration of student's participation in curricular, co-curricular, extra-curricular activities, which encourages versatile students to enjoy their passions keeping academics at good balance. This is a unique blend, considered in the Institute's policy aiming at holistic growth of students. At the same time, absenteeism of student for some genuine reason with prior permission of class teacher, is also taken into account. The marks formulated by the well thought process are reviewed by course teachers. Further, Academic coordinators examine these marks scrupulously with the Head of Departments. These are then finally reviewed by Dean Academics and Principal. The In Sem assessment of answer sheets and communication of marks secured by students, is done in a week from examination. Query, if any, is solved, marks are finalized and result analysis of internal examinations is prepared. Remedial lectures, Remedial Tests are conducted as required. Tutorial sessions are conducted for mathematical subjects as per the need. End Semester rechecking and revaluation is conducted at University end but the processes are very well communicated to students and the complete cycle is scrupulously followed by the exam section of the Institute.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Response: At the beginning of each academic year, the affiliating university gives guidelines about the academic schedule of the semester which includes Commencement of the semester, End of the semester, Schedule of Examinations etc. Institute plans and deploys the teaching learning and evaluation schedules systematically with well drafted processes standardized by ISO. The planning phase of academics involves lot of meetings and deliberations which results in to institute level and department level planning. This is well supported by automated software based system PCCoE ERP. The academic calendar includes the dates of commencement and completion of syllabus, schedules of internal exams etc. It specifies the dates of term end examination. Tentative dates of practical exams and theory examinations are also given in academic calendar. The time tables are prepared and implemented accordingly. The course teachers prepare course plans according to the academic calendar and guidelines of the University. The schedule of external examination is fixed by the University and the same is displayed on notice board for students. In case of any change in the University schedule, some changes are required to be made in internal evaluation as well. These changes are communicated to the students well in advance. All efforts are made by the Institute to adhere to the academic calendar for CIE.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://www.pccoepune.com/deandesk.php

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
No Data Entered/Not Applicable !!!					

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://www.pccoepune.com

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
No Data Entered/Not Applicable !!!				

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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
FDP on “publications ciatation	Mechanical	14/09/2019
Webinar on Preincubation to Startups by Nitin Kilkarni	Computer Engg	22/05/2020
Guest Lecture on All about IPR	Computer Engg	01/08/2019
Art of research Paper Wring IPR	First Year Engg.	25/05/2020
organized an International Webinars in association with IET Pune LN on Netwok and Application Security by Mr. Vishal Maurya, Information Security Intern, Amazon, US	Computer Engg	02/05/2020
organized an International Webinars in	Computer Engg	09/05/2020

association with IET Pune LN on Covid-19: Challenges Opportunities for Engineers Technologists by Dr. Suresh Vishwakarma, IET Representative- Western Canada		
Organized an International Webinars in association with IET Pune LN on Invest in Strengths, Not in Weaknesses by Captain Parag Atre, Marine Pilot UAE Gallup certified strength coach	Computer Engg	12/05/2020
International Pannel Discussion on Enterprener ship,strtups,innovation and industry 4.0	Computer Engg	27/05/2020

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Optimum Robust Design of Four Bar Mechanism	Prof. Sanjay B. Matekar	SPPU-14 th Avishkar State Level Research Competition	31/01/2020	Engineering and Technology
Energy Efficient Open Pan Heat Exchanger Based on Thermic Fluid for Organic Jaggery Making 3TCD Plant	Prof. Abhijeet Kore	SPPU-14 th Avishkar State Level Research Competition	31/01/2020	Agriculture
Nature’s Call	Dr. Anuradha Thakare	Innovate for Smart Pimpri Chinchwad competition at PCCOE Campus	26/09/2019	Engineering and Technology
Transport and Mobility	Prof. Ketan Desale	Innovate for Smart Pimpri Chinchwad competition at PCCOE Campus	26/09/2019	Engineering and Technology
Sanitation issues and their solution	Mr. Anand Birajdar	Innovate for Smart Pimpri Chinchwad competition at PCCOE Campus	26/09/2019	Engineering and Technology
Study of Anaerobic	Dr. S.T. Mali	Innovate for Smart Pimpri	26/09/2019	Engineering and Technology

Digestion Process for Methane Production during All India Seminar on Green Energy Technologies for Sustainable Environment		Chinchwad competition at PCCOE Campus		
Reuse waste water, save pure water from Solid waste water management track	Mr. R. S. Choudhari	Innovate for Smart Pimpri Chinchwad competition at PCCOE Campus	26/09/2019	Engineering and Technology
Siddhamrutam-Water Purification Technique	Dr. S. T. Mali	Innovate for Smart Pimpri Chinchwad competition at PCCOE Campus	26/09/2019	Engineering and Technology
District Metering Area Demarcation for Non-Revenue Water Reduction	Mrs. S. S. Motegaonkar	Innovate for Smart Pimpri Chinchwad competition at PCCOE Campus	26/09/2019	Engineering and Technology
Manufacturing of Light Weight Modular Bricks using Industrial Waste	Mr. S. B. Gorade	Innovate for Smart Pimpri Chinchwad competition at PCCOE Campus	26/09/2019	Engineering and Technology
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
0	Nill

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)

International	Mechanical Engineering	17	Nill
International	Civil Engineering	6	Nill
International	Information Technology	30	Nill
International	Computer Engineering	127	Nill
International	Electronics Telecommunications	48	Nill
International	First Year Engineering	3	Nill
International	MCA	3	Nill

View File

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
MCA	3
ETC	5
Computer Engineering	53
Information Technology	6
Mechanical Engineering	15

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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						

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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Presented papers	79	1	Nill	Nill
Attended/Seminars/Workshops	13	82	24	176
Resource	Nill	4	7	38

persons				

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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!			

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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			

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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
No Data Entered/Not Applicable !!!				

View File

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
No Data Entered/Not Applicable !!!			

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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					

View File

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
No Data Entered/Not Applicable !!!			

View File

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
37460000	41794858

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
No Data Entered/Not Applicable !!!	

View File

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
SmartLib then shiftted to Cloud Vision ERP in 2015	Partially	--	2005

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	Nill	Nill	Nill	Nill	Nill	Nill

View File

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			

View File

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	1777	33	201	1	1	26	1777	201	0
Added	17	3	157	0	1	0	0	157	0
Total	1794	36	358	1	2	26	1777	358	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

358 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
http:10.20.0.185	http:\\10.10.0.5/vid.html

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
247.6	340.5	180.6	382.5

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Response: The institute provides state of the art infrastructure to address the need of an effective teaching and learning process. In addition to the norms laid by the AICTE, DTE and SPPU for physical infrastructure to cater co-curricular and extra-curricular activities, 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 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. Zero Deficiency Report from AICTE is obtained every year which ensures that the availability of the infrastructure is in line with the academic growth. 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 800 students simultaneously is at place. The institution has well defined policies and procedures for maintenance and utilization of physical, academic and support facilities. Wi-Fi facility is available in campus and also for hostel students. Availability of Teaching aids, DARPAN portal, Moodle exam facility,practical setups, ICT facilities for MOOCs, NPTEL is available. Computing facilities with total number of 1794 computers and a bandwidth of 358 Mbps is at place. The college library has a vast collection of texts and general books, International and National journals, online databases to cater to the needs of both UG and PG students with Web-OPAC facility. 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. The institution has well equipped gymnasium for faculty and students with a dedicated area, state of the art equipments and Open Gymnasium facility for all the girl students and ladies faculty members. 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. Annual maintenance contracts with external agencies are made to ensure upkeepment, safety and security of the Campus.

www.pccoepune.com

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Nill	Nill	Nill
Financial Support from Other Sources			
a) National	Nill	1997	131088373.3
b)International	Nill	Nill	Nill

View File

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
No Data Entered/Not Applicable !!!			

View File

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	GATE/GRE/CAT awareness program	3469	3469	75	549

No file uploaded.

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nill	Nill	Nill

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		

Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
No Data Entered/Not Applicable !!!					
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
No Data Entered/Not Applicable !!!					
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	33
CAT	15
GRE	24
No file uploaded.	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Response: The institution believes in a holistic education that addresses intellectual, physical, emotional, spiritual, social needs and capacities of students that help them become their best self in the service of society at large. Students are major stakeholders in the institutional growth. Utilization of the student support and ideas is a paramount requirement for holistic growth of students and for the wellbeing of the institute. 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. The Student Council representatives play an instrumental role in organizing cultural fest in the institute. The General Secretary and Ladies Representative posts are held by sound students and they cohesively work with the departmental representatives. 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 ISTE,IEEE Student Chapter, 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. The social commitment is imbibed in students through different activities organized under National Social Service (NSS) cell. 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. Overall a conducive environment with student centric approach and active participation is seen in the institute.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

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. Around 5000 alumni are connected and the Institute takes pride in their laurels and accolades. 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.

5.4.2 – No. of enrolled Alumni:

5000

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

Every year we conduct one alumni meet and apart from that Department level alumni meet is also being arranged.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Response: PCCoE envisages decentralization as a basic requirement for creating conducive environment for participation and accountability at each level of administration. The academic and administrative responsibilities of the Institute are carried out by the Principal, Deans, Head of the Departments and Registrar. Well defined hierarchical administrative and implementation model is established with the authorities and responsibilities. The institute always promotes the participative management. Participation is ensured at all operational levels i.e. at Governing Body, Local Management Committee (LMC), department level meetings, various committees, cells etc. The processes feedback, suggestions for improvement are very well taken up from faculties, students and all stake holders for further deliberations and are duly considered for policy and decision making. This makes the environment conducive for open ended discussions, transparency and also benefits the system at large. Regular Meeting of Deans, HODs, Section In charges for overall Planning, Coordination, Monitoring and Control are conducted by the Principal. 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, Research and monitoring of Developmental Activities. The DAB consists of members from Industry, Alumni, faculty, students and parents. The PAC meetings are held in the department timely to accommodate improvement strategies, for better initiatives towards departmental growth and to monitor the existing processes. The operational freedom is given to Head of the Departments to smoothen the processes and maximize stakeholder satisfaction. The institute level activities such as IQAC meetings for Institute performance improvements, financial budget proposal, sanctioning and utilization monitoring, performance audits such as ISO 9001: 2015 audits, infrastructure and manpower managements are regularly handled in PCCOE. The administrative section continuously analyzes and complies statutory and regulatory requirements of AICTE, UGC, SPPU etc. The administrative section comprises of establishment, admission, accounts and purchase. In coordination with principal and registrar the institute level compliances are handled scrupulously. The academic planning and coordination is

in line with SPPU guidelines, needs and expectations of students and other stake holders under with adequate supervision of Dean Academics. The Research and Innovation section initiates and supports various research activities with required financial resources from the institute. The financial requirements related to publications, participation in competition such as SAE-BAJA, Robocon etc. are recommended by Dean Research and Development and in discussion with Head of the Institute it gets sanctioned. As per industry feedback and suggestions, Industry Institute Interaction cell suggests training course and activities to the department and are well coordinated by Dean Industry Institute and Interaction to increase the employability of the students. The Dean SDW and concerned section in charges putforth cohesive efforts in planning and coordinating various initiatives towards holistic development of students. Overall the Institute believes in establishing the “Working Together Culture” that develops cohesive and harmonious environment in the departments and creates belongingness. With systematic and focused objectives, the efforts are channelized through effective delegation of the authority and inclusive participative management.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	Admission process is carried out centrally by Directorate of Technical Education (DTE) as per the admission rules, regulations and guidelines of the government. Government of Maharashtra conducts common entrance test (MH-CET). The detailed criteria for admission of students for different courses are displayed for public information on DTE website http://www.dtemaharashtra.gov.in.
Industry Interaction / Collaboration	The institute works on four pillar philosophy. One of the important pillars is Industry institute Interaction. The cell comprises of department faculty coordinators headed by Dean, Industry Institute Interaction. This cell primarily works on building a strong interface between the industry and institute. This cell works for identification of potential opportunities for student placements, internships, sponsored projects, consultancy and training programmes, MoUs etc. The departments additionally build good rapport with the industries with the following means a) Inviting industrial experts to judge various technical events during the Techfests and to deliver expert talks. b) Involving the experts from industry for the poster/ project evaluations at UG/

	PG levels for specific inputs and directions. c) Sharing of expertise, facilities for the mutual benefit of industry and institute. e) Developing the laboratories in collaboration with industry. f) Developing course curriculum with the help of industrial experts in order to bridge the gap in curriculum. g) Conducting specialized courses in association with industry in order to make students ready for placements, internships and higher studies opportunities.
Human Resource Management	PCCoE is located in the close vicinity of the industrial hub and is well recognized to provide skilled man power to the industry. The philosophy of the institute is based on sustainable development through academic excellence, innovation and research. The key to holistic growth is consistent efforts towards continuous development and enrichment of the faculty and the non-teaching staff. The management of the institutes believes that the faculty is a key to success. Therefore in order to maintain the pace of its dynamic growth, the institute always encourages faculty and staff members to enhance technical skills, participation in various national and international seminars, conferences, technical events etc. To strengthen the innovation and research pillar of PCCoE philosophy, the institute provides additional facilities like provision for special leave in addition to study leave, flexibility and convenience of rescheduling the teaching load of the researcher, etc. Financial assistance is provided for its staff to undertake research projects, participating and / or organizing in conferences / seminars / workshops / training programs. The institute also organizes various interdisciplinary workshops and training programs to address the recent trends for enhancement of the skill requirements. These initiatives nurture the research culture among faculty members and is disseminated to students.
Library, ICT and Physical Infrastructure / Instrumentation	The college library has a vast collection of texts and general books, International and National journals, 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. Various decisions are taken to strengthen the library content in the interest of academic and research. Additional 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 and students to search book/title/author in the library. For e-learning, separate platform is established for faculty and students. Adequate space and internet connectivity is made available with e-resources and NPTEL video lectures in Digital library. Formal feedback mechanism is in place to enhance the functioning of the library. The institute has dedicated Integrated Library Management System with ERP since 2015. There are e-journal subscriptions with 3 packages and 250 journals with IEEE, ASME and ASCE. There is the ProQuest Engineering Computer and Management Collection with 33000 e-book titles. There is regular access to the books for all the faculty members and students. During pandemic period, remote access to e-resources was operational. There is dedicated academic process manual which defines library management process under ISO 9001:2015 followed diligently at the institutional level.
Research and Development	The institute has a separate Research and Development (RD) Cell headed by Dean RD. The RD cell comprises of dedicated team of faculty representation from all departments. The main objective of this cell is to inculcate RD culture in the institute. So, this cell comprises of Special Interest Groups (SIGs) in all the department, where faculties as per their expertise domain get enrolled in respective SIG’s and promotes the research activities amongst all the students. The SIGs promote the research

	culture by conducting various events such as awareness workshops, trainings, competitions and lectures for the students on a regular basis. The RD cell of the institute has successfully motivated the students and faculty for filing the patents and copyrights. Policies related to research are formulated by a core committee comprising of all Deans and HODs headed by Principal, so as to smoothen and strengthen the research promotional activities.
Examination and Evaluation	The examination and evaluation is done through formative and summative assessment. These approaches give insight regarding student performance which helps to identify learning needs and take necessary actions for possible improvement. Teachers use the formative assessment approaches to modify teaching and learning activities for improving student learning. Formative assessment is carried out by following ways • Online examination for theory • Insemester examination for theory • Continuous assessment for lab work • Project evaluation by industry experts • Unit Test, Mid-Term and End-term Mock Exam • Mock – online examinations • Theory assignments for practice • Extra turns to practice for practical sessions. • Course and Program outcome assessment. Summative assessment is carried out by following ways • End semester theory examination • Project examination • Oral, Practical examination • Direct Assessment Methods • Unit Test • Theory Assignment • Midterm • Indirect Assessment Methods • Surveys : a) Passing Out survey b) Course exit survey c) Alumni Survey d) Parent Survey. Activities (Co-Curricular and Extra-curricular)
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. Academic Planning for implementing the curriculum: Institute and Department performs systematic planning for the implementation of curriculum which includes- • Resource Planning: Infrastructure, Books, faculty and staff etc. • Schedules: Academic Calendar, Event Calendar, Monitoring activities, Meetings etc. • Content Planning: Teaching Plan, Content Delivery Methods, Qualitative Question Papers, Course Presentations, Learning Resources etc. • Events and Activities: Curricular, Co-curricular, Extracurricular including Games and Sports. Institute and Department have designed hierarchical structure of faculty 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 execution of teaching learning process. Faculty deploys his content through various planed course delivery methods and activities which include Classroom Teaching, Laboratory Demonstrations, Project Based Learning, Seminars, Guest lectures, Industrial visits etc. Faculty adheres to schedules generated in teaching plans. Following things are ensured. • Faculty disseminates the course outcomes and implements assessment tools to ensure attainment of course outcomes. • Appropriate Content Delivery Methods are used for the effective delivery of courses like Lecture with interaction (CDM-1), Quiz (CDM-2), Group Discussion (CDM-3), Demonstration (CDM-4), Case study (CDM-5), Mini projects/Competition (CDM-6), Presentation(CDM-7), Industrial visit(CDM-8), Asynchronous Discussion (CDM-9), Tutorial (CDM-10) etc. to meet the Program Outcomes. • The Departmental Meetings are held periodically to discuss the implementation of the course curriculum.
Curriculum Development	Institute has 5 UG and 7 PG programs affiliated to SPPU and follow the curriculum and academic policies prescribed by Savitribai Phule Pune University, Pune. However, faculty members are involved in curriculum design in various capacities as Academic Council Member, Chairman of

	BoS, Course Chairman and Experts. Faculty members actively participate in framing and drafting of the curriculum. Workshops for curriculum designing are organized at the Institute and faculty is involved as resource persons and coordinators at such workshops. Since the Institute is affiliated to SPPU, Pune and is bound to follow the syllabus designed by the University. The syllabus is framed or restructured periodically for various disciplines. For this purpose, University arranges workshops at different colleges. Subsequently, the syllabus is finalized at University Board of Studies. The Institute encourages faculty to participate in the workshops related to the curriculum design and also conduct workshops on behalf of the university. Periodic Feedback from the Students, Parents, Alumni and industry experts are taken on curriculum and their comments, suggestions and peer observations are analyzed at department level with concerned faculty and subsequently faculty share their expertise in the syllabus revision meetings. Institute consistently pursues efforts to achieve institution objectives through the curriculum and enrichment courses. The inputs from the stakeholders and the data collected are analyzed and compared with the existing curriculum. The gap in the existing curriculum is identified and summarized as key expectations. In addition, to support the curriculum enrichment Aptitude Courses, Technical Add on Courses, mock interviews by domain experts, periodic industrial visits, expert lectures from industry, academia and research organization ,internship, training programs organization and participation at various workshops/seminars, symposium, Techfests, entrepreneur development programs, career guidance association with the professional societies like ISTE, IETE, CSI, ACM, IEEE and many more student chapters where students get a platform to interact on assorted ideas leading to development of publications and projects.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details

Planning and Development	Academic load distribution, Time table, Teaching plan and execution, Student Progressive assessment, Student Feedback, Student Attendance Sheet, Theory and Practical session, Attendance Monitoring, Academic Monitoring.
Administration	The administrative procedures are controlled through the Human Resource management module wherein many of the modules are implemented in order to have an effective control over the processes. Several modules are developed as per the requirement of the processes such as, • Employee attendance (Employee attendance module is directly interfaced with Biometric attendance system where employee attendance is marked which is linked with the Leave module to keep track of the employee attendance and other related aspects.)• Leave module: Every employee is assigned with specific number of Casual, Medical, Earned leaves etc. and when an employee applies for a leave, has to enter their leaves in the system with the Academic load adjustment with the other faculty and upon submission of the leave, appears on the Head of the department’s login for further recommendation.
Finance and Accounts	Employee payroll module is used to calculate payroll of the employee on the basis of the report generated through Biometric attendance system and salary statements.
Student Admission and Support	Student Admission and mapping to the respective departments are managed with the said system. All the students are provided with the access to the system to view their attendance for the respective subject in order to bring the transparency into the system. SMS module is integrated with the said system to have an effective communication with the students and their parents.
Examination	• Unit test examination is managed and controlled with the said system where preparation of time table, allocation of class rooms, unit test result analysis etc. are also generated with the help of the said system. • Exam wise student marks, Department/Class wise performance reports, Class wise Failure and

	Absentee reports, Remedial test results, Specific Performance Report-based on unit tests, Mid-sem evaluations etc., Supervision reports, End Term Submission Form, End Term Unit Test Marks, Result Analysis Report etc.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
View File				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
View File						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
View File				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
100	179	169	169

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• 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 Co-operative Society Ltd.	GIS (Group Insurance Scheme) • Gratuity PCETs Employee Co-operative Society Ltd. • EPF to all staff members • Leaves as per the norms to all staff	• Book Bank Scheme for Meritorious students

• EPF to all staff members • Leaves as per the norms to all staff		

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Response: The Institution has established a mechanism for conducting internal and external audits on the 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. • External Audit was conducted in October 2020 for the period 01.08.2019 to 30th July 2020. 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.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
No Data Entered/Not Applicable !!!		
View File		

6.4.3 – Total corpus fund generated

8293060

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	**Yes**	**TUV NORD**	**Yes**	**ISO Internal Auditors**
Administrative	**Yes**	**TUV NORD**	**Yes**	**ISO Internal Auditors**

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1.Departmental Parent Meet 2. DAB meeting 3. PTG Meetings

6.5.3 – Development programmes for support staff (at least three)

1. One Week STTP “Technovators-2020” for Teaching and Technical Professionals in association with IETE IET Chapters Pune 7th July to 13th July 2020 2. Five days Add-On Training Program on Linux Shell Scripting and Linux Administration 17th to 21st September 2019 3. Organized one-week national level online staff development programme for Admin and Non-teaching staff in association with IIT Spoken tutorial Bombay 18th May to 25th May 2020 4. Bodhitree-ICT-Flipped classroom teaching learning 20th and 21st June 2020

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Institute has applied to UGC, New Delhi for fresh Autonomous status in Jan 2019 and received autonomy. 2. NIRF 2020: PCCoE Ranked at 197 position among Engineering Colleges in India in NIRF-2020 (Among only 6 Engineering Colleges included in NIRF 2020 top 200 from SPPU, Among Top 3 SPPU Affiliated Non-autonomous Engineering Colleges in Pune) 3.Times Engineering Survey 2020 :PCCoE ranked 21st in INDIA among Top 100 Private Engineering Institutes in Times Engineering Survey 2020 4.Outlook-Toluna Engineering Rankings 2020: PCCoE Ranked 51st in INDIA among top 110 Private Engineering Colleges 5.India Today Engineering Survey 2020 : PCCoE ranked 80th in INDIA among top 200 Private Engineering Colleges in India Today Engineering Survey 2020

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	Nill	Nill	Nill	Nill	Nill

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
One day workshop on Digital e-Literacy for Women	17/01/2020	17/01/2020	60	Nill
Seminar on Awareness of Healty Life Style and Health Disorders	05/03/2020	05/03/2020	70	Nill
Seminar on Awareness of	05/03/2020	05/03/2020	65	100

Cyber Security				
Seminar on Cherishing Womenhood Defining Feminity	08/03/2020	08/03/2020	60	Nill
Motivational Talk on “Women and Innovation in Technology”	08/03/2019	08/03/2019	70	Nill

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Response: The major energy consumption is attributed to lighting load. The Institute has installed a grid connected solar photovoltaic plant of 25 kWp capacity. The photovoltaic plant generates power equivalent to the lighting load of two boys hostel buildings. A cleaned and smoke free cook house is attached to the mess in boys and girls hostel. Each of the two boys’ and girls’ hostels have their own solar water heating systems. Each boys’ hostel has a solar water heating system of 5000 Lit capacity and each girls hostel has a 3000 lit capacity solar water heating system with heat pump. The green audit report has assessed the Institute in terms of water resources and management, waste generation and management, biodiversity and ecological assessment, health and safety management and sanitation. The institute premises are cleaned and maintained by an external contractor. A regular assessment of the same is done by the Rector Office staff. The cleanliness and hygiene is thus given detail attention. Majority of the waste generated is dry waste which is disposed safely and daily to the municipality. The food waste from canteens and mess is collected separately by the Municipality. The Institute has upgraded the biodiversity by planting variety of flowering plants and fruit-bearing plants. A lush green, clean and healthy environment is maintained in the campus.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	11
Provision for lift	Yes	11
Ramp/Rails	Yes	11
Rest Rooms	Yes	11
Scribes for examination	Yes	11
Braille Software/facilities	No	Nill
Special skill development for differently abled students	No	Nill

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadva	Number of initiatives taken to engage with and contribute to	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff

	ntages	local community					
2019	Nill	Nill	25/06/2019	02	Participation in Swaccha-Wari, Swastha-Wari, Nirmal-Wari, Harit-Wari 2019	Cleanliness Drive and Devotional service	127
2019	Nill	Nill	23/06/2020	01	Participation in Guinness Book of World Record for distribution of 15000 Neem Saplings	Tree Plantation	107
2019	Nill	Nill	31/07/2020	01	Blood Donation Camp	Donation of blood for needy and 930 patients got benefitted	50
2019	Nill	Nill	11/09/2019	02	Nirmalya Collection and Pollution Free Lake activity at Ganesh Lake during Ganpati Visarjan	Proper disciplined crowd management and facilitate Ganeh Visarjan smoothly and 2000 devotees got benefitted	65
2019	Nill	Nill	13/08/2019	03	Flood Relief Donation Drive for Kolhapur and Sangli	Relief for 1000 flood victims	50
2020	Nill	Nill	20/04/2020	01	Adoption of 10 families in neighbourhood	The volunteers were asked to adopt 10 families	100

					or locality and caretaking of them by the volunteers	staying near their place of residence and check on the requirements and essential needs of these families and help them with any help required and ensure availability of goods, groceries and medicines	
2020	Nill	Nill	10/04/2020	10	Awareness on COVID-19 through handmade posters	To spread awareness on health advisories, benefits of following guidelines issued by the government and to promote craftmanship in volunteers, handmade posters were made.	10
2020	Nill	Nill	23/05/2020	10	Online Workshop on COVID-19 Stigma Discrimination	Awarness and percolation of message in society	5
2020	Nill	Nill	18/04/2020	01	Mask preparation and	The volunteers were	15

					donation	given tips and guidelines about preparation of masks at home to be distributed in their locality so that the people may use them while stepping outside their who during making purchase of essential goods and services for their pro	

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebration of International Yoga Day	21/06/2019	21/06/2019	53
FIT India Rally	29/08/2019	29/08/2019	300
Gandhi Jayanti Celebration	01/10/2019	10/10/2019	104

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Response: PCCoE always emphasizes on taking initiatives in redefining the environmental culture and developing new paradigms by creating affordable and sustainable solutions to environmental that are catering to the need of the society. Following initiatives have been taken by the institute in this regard: 1) Solar rooftop and solar water heating: The Institute has installed a grid connected solar photovoltaic plant. Each of the two boys' and girls' hostels have their own solar water heating systems. Each boys' hostel has a solar water heating system of 5000 Lit capacity and each girls' hostel has a 3000 lit

capacity solar water heating system with heat pump. 2) Green lawn: A lush green lawn of 40,000 sq.ft. is developed in the midst of the campus. It imparts a tranquil atmosphere to the Institute. The Institute has upgraded the biodiversity by planting variety of flowering plants and fruit-bearing plants. A lush green and clean healthy environment in maintained in the campus. The lawn is used for various technical events and get-togethers. Students play football and other games on the lawn. 3) Effective utilization of waste water for maintaining green campus: Waste water is used for watering the plants and in the campus. The Institute has conducted an Energy Audit and Green Audit through an external agency and adequate measures are being taken to optimize the energy consumption. 4) Proper segregation of waste: Proper segregation of waste into wet and dry waste is done. Wet waste and canteen waste is properly disposed in association with the local municipality. 5) Solar vehicle initiation: As a joint collaborative effort of the institute with La Fondation, Dassault Systems, a six seated solar electric vehicle has been developed and has been exhibited during symposiums.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Response: Out of the many Best Practices followed diligently in PCCoE, the two have been laid down here viz. ‘Digital Learning’ and ‘Student Counselling’: 1. Digital Learning The College has made it mandatory for all students to complete two online courses, during their course of study. Under spoken tutorials IIT Bombay workshops were organized to train 4000 students this year. NPTEL chapter had registered 679 students for various online exams and 592 have cleared the examinations. 215 e content modules were produced this year. Total modules available in My class room portal are 658 with total views exceeding 15000. 1.1 Objectives of the Practice: a. To provide opportunity to help students to learn at the best pace with adequate comfort. b. To offer convenience and flexibility with respect to time as well as type of courses. c. To offer a variety of courses through which a customized and suited course can be opted by a student. d. To instil an urge for lifelong learning 2. Student Counselling Cell Instilled in new environment and making new friends sometimes induce anxiety to the students. Similarly managing Academic and Personal expectations may create stress. Confiding in family or friends is a good coping strategy but if the issues persist over a long period of time, students may get distracted from their goal. To get a professional help as an option before these issues affect your quality of life. For the same purpose professional counsellor is appointed by the college. On every Wednesday students could avail the facility of counselling from 3.30 pm to 5.30 pm in the college premises. The aim of Counselling cell is to provide comprehensive guidance programs and services that will equip students with necessary knowledge, attitude and skills to become mature and socially responsible individuals. 2.1 Counselling Cell Objectives:- a. To provide guidance to the students on various options available in the course of their study. b. To identify students abilities and interests and motivate them. c. To help the students to solve their Personal, Educational and Psychological problems. d. To develop positive attitude and behaviour in order to meet challenges. e. To create awareness among the students for their future profession.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Response: PCCoE imparts Value Added Quality Education to satisfy the needs and expectations of the students and all its stakeholders. Focused efforts are channelized to achieve this by providing state-of-the art Engineering education to students. In line with institute's vision, the entire working is based on an indigenously designed Institute Development Philosophy, which reflects priorities as Academic Excellence, Research and Innovation, Professional Competence and Social Commitment and Industry Institute Interaction commonly termed as four pillars of PCCoE. Academic Excellence: PCCOE has always considered 'Academic Excellence' as the first and foremost pillar of Institutional growth. The institute is recognized for the excellent academic environment strengthened by it's clearly defined Teaching Learning Process well executed through Plan-Do-Check-Act (P-D-C-A) based approach. Co-curricular and Extension Activities: PCCoE believes in holistic education that addresses intellectual, physical, emotional, spiritual, and social needs of students that help them to bring their best self in the service of society at large. Outcomes: • Improved students understanding in domain knowledge • Improved results and pass percentage • Reduced backlogs and detention • Improved placements and opting for higher studies • Ranking in University exam Professional Competence and Social Commitment: Various personal and professional skill development programs are conducted under Student and Development welfare Cell for holistic growth and development of students.A fine blend of personality grooming, aptitude, building competence for higher studies, inculcating social awareness through NSS, various co-curricular and extra curricular activities through departmental associations and Cultural Fest by Student Council etc. are few out of many to be mentioned. Outcomes: • Communication Skills • Professional development • Teamwork • Leadership qualities • Social awareness • Lifelong learning of morals and ethics Research and Innovation: The quest for knowledge is the basic principle behind research. PCCoE imparts quality and socially relevant education and knowledge in engineering at undergraduate, postgraduate and doctorate levels. PCCoE fosters a culture of Research Innovation amongst its students and faculties contributing to society and industry. Special Interest Groups to hosting International Conferences to participation in National and International events and getting accolades for the same has been the strength of PCCoE. Outcomes: • Development of right research attitude amongst students and faculty • Rankings in various competitions like SAE BAJA, SUPRA, etc • Successful contribution and achievements in IP registration • Awareness to contribute on social issues through research Industry Institute Interaction: The fourth pillar of PCCoE is well associated with Communication and Personality Development Cell (CPDC) and Higher Studies Cell (HSC). It provides career guidance and plethora of learning opportunities and develops all round personality. Outcomes: • Placements in KPIT, Infosys, LT Infotech, Persistent, TCS, Bombardier, Syntel, TIAA, Bitwise, Barklays, Value Labs, Quantiphi etc. • Internship opportunities

Provide the weblink of the institution

http://www.pccoepune.com/deandesk.php

8.Future Plans of Actions for Next Academic Year

Response : Since the 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 the budding engineers to create ethically strong, socially committed and technologically competent engineers and professionals. The growth of the Institute has been progressive since inception 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 the prima facie always remains in building and consistently upkeeping a harmonious and conducive environment in the Institute. The Vision and Mission has been set up to always strive to make the Institution the most favourable and promising place to achieve technical competence and cater to societal needs through technological advancements through engineering research. The Institution works on four pillar philosophy that is Academic excellence, Research and Innovation, Professional competence of students and Social commitments. Perspective plans of the Institution: Through participative management, the faculties are included and engaged in key areas of decision making, for the betterment of the institute and to maximise stakeholder satisfaction. The policy framework and strategic planning are carried out according to consultation with stake holders. 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 have been putforth here as follows: • NAAC Accreditation • ISO re-certification • NBA re-certification • Autonomy : 1) Examination and Evaluation Centre: Establishment of Examination and Evaluation Centre with adequate space and facilities is a major requirement while migrating from university affiliated to autonomous status. Examination department with Strong room, Record room, Assessment hall, Computer room, Control Room and CoE Office with required furnishing and facilities is required to be established. 2) Minor and Honor Degree certification facility to students 3) International Student Exchange Programmes • Research and Collaborations : 1. Long term association with many reputed Industries for the following purposes : (a) Student Projects (b) Internships and Placements (c) Faculty training and Collaborations 2. 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. 3. Computing facility upgradation with VMWare: The technological edge requirement with teaching-learning and research is on a surge and to meet the increasing user computing demands, the institute has already joined hands with Vmware (Global leaders in providing Virtual Desktop Environment) and efforts are channelized in this direction. Overall, the Institute aims to embark a journey towards Global Recognition with all dedicated and sincere efforts.